ياسين عبد الحميد سليماني

أستاذ مشارك وباحث رئيس،
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المعلومات الشخصية

الجنسية | تونسي
تاريخ الميلاد | 01 أكتوبر 1988
القسم | قسم أبحاث الفيزياء، معهد البحوث والإستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، ص ب 1982، الدمام 31441
المملكة العربية السعودية
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المهارات اللغوية

اللغة	قراءة	كتابة	تحدث
العربية	ممتاز	ممتاز	ممتاز
الانجليزية	ممتاز	ممتاز	ممتاز
الفرنسية	ممتاز	ممتاز	ممتاز

المؤهلات العلمية والشهادات

التاريخ	الشهادة الأكاديمية	مكان الصدور	العنوان
2015	الدكتوراه في الفيزياء	جامعة قرطاج	تونس
2012	الماجستير في فيزياء المواد والتطبيقات	جامعة قرطاج	تونس
2010	البكالوريوس في الفيزياء	جامعة قرطاج	تونس

عنوان بحث كل من الدكتوراة والماجستير

الدكتوراة	دراسة مقارنة للخصائص الفائقة التوصيل لمركبات $Y_3Ba_5Cu_8O_{18\pm y}$ و $YBa_2Cu_3O_{7-y}$: إضافة جزيئات نانوية مغناطيسية. Comparative study of the superconducting properties of $Y_3Ba_5Cu_8O_{18\pm y}$ and $YBa_2Cu_3O_{7-y}$ compounds: - Magnetic nanoparticles addition
الماجتسير	المساهمة في تطوير مركب $Y_3Ba_5Cu_8O_{18}$ - الخصائص الفائقة التوصيل. - Contribution to the elaboration of the $Y_3Ba_5Cu_8O_{18}$ compound - Superconducting properties

السجل المهني

رتبة الوظيفة	مكان وعنوان جهة العمل	التاريخ
أستاذ مشارك / باحث أول	معهد البحوث والإستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية	2021 - الآن
أستاذ مساعد / باحث أول	معهد البحوث والإستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية	2021 - 2017
أستاذ مساعد	كلية العلوم ببنزرت، جامعة قرطاج، تونس	2016 - 2015
مدرس مساعد	كلية العلوم ببنزرت، جامعة قرطاج، تونس	2015 - 2013

المسؤوليات الإدارية واللجان وخدمة المجتمع

#	الرتبة	مكان وعنوان جهة العمل	التاريخ
.1	لجنة الانتدابات	معهد البحوث والإستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية	2020 - الآن
.2	لجنة التدريب والتطوير	معهد البحوث والإستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية	2021 - 2020
.3	عضو في العديد من لجان تحكيم طلبة الماجستير	تونس	2017 - 2016
.4	عضو بالجمعية التونسية للفيزياء	تونس	2017 - 2014
.5	عضو بالجمعية التونسية لبحوث المواد	تونس	2017 - 2014
.6	تنظيم المؤتمرات المحلية والدولية	تونس	2014 - 2013
.7	استشارات علمية: جامعة أبانت عزت بايزال بولو، تركيا	جامعة أبانت عزت بايزال بولو ، تركيا	أفريل 2013

الأوسمة والجوائز

#	الجائزة	التاريخ
.1	لقب **"أعلى 10 باحثون نشرا في الجامعة – 2020"** في قائمة رئيس الجامعة للباحثين المتميزين لعام 2020 جامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية.	ماي 2021
.2	لقب **"أعلى 10 باحثون استشهادا في الجامعة – 2020"** في قائمة رئيس الجامعة للباحثين المتميزين لعام 2020 جامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية.	ماي 2021
.3	**تصنيف دولي: "من أفضل 2٪ العلماء في العالم لعام 2019"** تم تنفيذ قواعد البيانات من قبل جامعة ستانفورد. المصادر: PLOS Biology: https://doi.org/10.1371/journal.pbio.3000918 & https://dx.doi.org/10.17632/btchxktzyw	نوفمبر 2020
.4	لقب **"أفضل المراجعين لعام 2019"** جائزة أعلى 1 ٪ من المراجعين في الفيزياء على قواعد بيانات المراجعين العالميين Publons خلال عام 2018-2019. مدعوم من Publons و Web of Science Groups.	17 سبتمبر 2019
.5	جائزة **"أفضل إنجاز في مجال النشر"** معهد البحوث والإستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية	30 أوت 2018
.6	لقب **"أفضل عالم شاب في تقنية النانو"** في اختصاص علمي 4th Venus International Research Awards - VIRA 2018, India	28 جوان 2018

الدورات التكوينية

#	الدورة	المنظم / المكان	التاريخ
.1	ورشة عمل «مهارات الكتابة»	أكاديمية الباحث - إلسفير ELSEVIER	01 ديسمبر 2020
.2	ورشة عمل «تقنيات البحث ومستوى الأدوات»	كلاريفيت إلسفير وجامعة الإمام عبد الرحمن بن فيصل (المملكة العربية السعودية)	24 نوفمبر 2020
.3	ورشة عمل «أساسيات تحضير ورقة علمية»	أكاديمية الباحث - إلسفير ELSEVIER	24 نوفمبر 2020
.4	ورشة «تأليف كتاب»	أكاديمية الباحث - إلسفير ELSEVIER	23 نوفمبر 2020
.5	ورشة عمل «مهارات الكتابة الفنية»	أكاديمية الباحث - إلسفير ELSEVIER	23 نوفمبر 2020
.6	ورشة عمل «الجودة في البحث العلمي»	كلاريفيت إلسفير وجامعة الإمام عبد الرحمن بن فيصل (المملكة العربية السعودية)	17 نوفمبر 2020
.7	«ورشة المؤلف للنشر العلمي» (بواسطة Elsevier)	إلسفير وجامعة الإمام عبد الرحمن بن فيصل (المملكة العربية السعودية)	20 ديسمبر 2017
.8	ورشة عمل – إلسفير «ورشة المؤلف»	إلسفير وجامعة الإمام عبد الرحمن بن فيصل، الدمام - المملكة العربية السعودية	19 ديسمبر 2017

.9	دورة في «السيطرة والتحكم في المخاطر البيولوجية»	معهد البحوث والإستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، الدمام - المملكة العربية السعودية	من 19 إلى 22 مارس 2017
.10	دورات طومسون رويترز التدريبية	كلية العلوم ببنزرت، جامعة قرطاج، تونس	23 أبريل 2015
.11	دورات طومسون رويترز التدريبية	جامعة تونس المنار، تونس	16 أبريل 2015
.12	الملتقى التونسي اليوناني - علوم المواد ونقل التكنولوجيا	مركز الأبحاث والتقنية للطاقة، مركب برج السدرية، تونس	20 يناير 2015
.13	ورشة عمل: «أيام الباحثين الشباب في الفيزياء 2014»	الجمعية التونسية للفيزياء بكلية العلوم بتونس، تونس	26 فبراير - 1 مارس 2014
.14	المدرسة و ورش العمل الأولى في شمال أفريقيا حول المجهر الإلكتروني 2013	مخبر المواد الفائقة الموصلية، المجهر الالكتروني والتحليل المجهري بالمشاركة مع الجمعية التونسية للفيزياء، تونس	من 1 إلى 13 سبتمبر 2013
.15	زيارة علمية	جامعة أبانت عزت بيسال، بولو - تركيا	من 1 إلى 30 أبريل 2013

الإنجازات العلمية

براءات الاختراع

#	أسماء المخترعين / عنوان الاكتشاف أو الاختراع / مكتب التقانة	المرجع / التاريخ
.1	**Inventor(s):** Munirah A. ALMESSIERE, Sultan AKHTAR, Suriya REHMAN, **Yassine SLIMANI**, Abdulhadi BAYKAL, Firdos Alam KHAN **Title:** Production of MnZnSmEu-doped iron oxide nanoparticles and their potential biological applications	US Patent Grant (Submitted to PTTO in March 2021)
.2	**Inventor(s):** Munirah A. ALMESSIERE, Suriya REHMAN, Firdos Alam KHAN, **Yassine SLIMANI**, Nedaa TASKHANDI, Abdulhadi BAYKAL **Title:** Synthesis and biological characterization of $Mn_{0.5}Zn_{0.5}Eu_xDy_xFe_{1.8-2x}O_4$ nanoparticles by sonochemical approach	US Patent Grant (Submitted to PTTO in March 2021)
.3	**Inventor(s):** **Yassine Slimani**, Munirah Abdullah Almessiere, Abdulhadi Baykal **Title:** Nanocomposites based on eco-friendly ferroelectric $BaTiO_3$ and superparamagnetic $Co_{0.7}Zn_{0.3}Tm_{0.01}Fe_{1.99}O_4$	US Patent Grant **534570US** (Green Light Jan. 2021) (Submitted to PTTO on 29/09/2020)
.4	**Inventor(s):** **Yassine Slimani**, Munirah Abdullah Almessiere, Abdulhadi Baykal **Title:** Synthesis of Novel Ferroelectric/Ferrimagnetic (1-*x*)$BaTiO_3$/*x*$Sr_{0.92}Ca_{0.04}Mg_{0.04}Fe_{12}O_{19}$ Composites With Tailored Properties for Multifunctional Devices	US Patent Grant (Submitted to PTTO on 29/09/2020)
.5	**Inventor(s):** **Yassine Slimani**, Munirah Abdullah Almessiere, Abdulhadi Baykal **Title:** Novel magnetic nanomaterials of $Ni_{0.4}Cu_{0.2}Zn_{0.4}Tb_xFe_{2-x}O_4$ nanospinel ferrites with enhanced magnetic features prepared via an easy and novel synthesis method	US Patent Grant (Submitted to PTTO on 30/09/2020)
.6	**Inventor(s):** **Yassine Slimani**, Munirah Abdullah Almessiere, Abdulhadi Baykal **Title:** Sonochemically synthesized $Co_{0.3}Ni_{0.5}Mn_{0.2}Eu_xFe_{2-x}O_4$ nano-spinel ferrites	US Patent Grant (Submitted to PTTO on 30/09/2020)
.7	**Inventor(s):** Huseyin Tombuloglu, Munirah Abdullah Almessiere, **Yassine Slimani**, Ismail Ercan, Abdulhadi Baykal **Title:** Incorporation of micro-nutrients (nickel, copper, zinc, and iron) into plant body through nanoparticles	US Patent Grant (Submitted to PTTO in January 2020)
.8	**Inventor(s):** **Yassine SLIMANI**, Munirah Abdullah ALMESSIERE, Faten Ben Azzouz **Title:** YTTRIUM-BASED SUPERCONDUCTORS WITH TUNGSTEN NANO-STRUCTURES **United States Patent** **Link:** https://patents.google.com/patent/US20200119252A1/en	**Application No.:** 16/161,430 **Publication No.:** US 2020/0119252 A1 **Publication Date:** 04/16/2020
.9	**Inventor(s):** **Yassine Slimani** **Title:** METHOD OF PRODUCING POLYCRYSTALLINE Y-358 SUPERCONDUCTOR **United States Patent** **Link:** https://patents.google.com/patent/US20200095167A1/en	**Application No.:** 16/139,755 **Publication No.:** US 2020/0095167 A1 **Publication Date:** 03/26/2020

الأبحاث العلمية المنشورة

#	أسماء الباحثين / عنوان البحث / جهة النشر وتاريخ النشر / الرابط
.1	Suhailah S. Al-Jameel, Suriya Rehman, Munirah A. Almessiere, Firdos A. Khan, **Yassine Slimani**, Najat S. Al-Saleh, Ayyar Manikandan, Ebtesam A. Al-Suhaimi, Abdulhadi Baykal, Anti-microbial and anti-cancer activities of $Mn_{0.5}Zn_{0.5}Dy_xFe_{2-x}O_4$ ($x \leq 0.1$) nanoparticles, Artificial Cells, Nanomedicine, and Biotechnology 49(1) (2021) 493–499. https://doi.org/10.1080/21691401.2021.1938592 (Impact Factor: 3.343)
.2	E. Hannachi, **Y. Slimani***, Ahmed T. Okasha, Ghulam Yasin, Munawar Iqbal, M. Shariq, Dogan Kaya, F. Ben Azzouz, Ahmet Ekicibil, YBCO superconductor added with one-dimensional TiO_2 nanostructures: Frequency dependencies of AC susceptibility, FC-ZFC magnetization, and pseudo-gap studies, Journal of Alloys and Compounds 883 (2021) 160887. https://doi.org/10.1016/j.jallcom.2021.160887 (Impact Factor: 4.65)
.3	**Y. Slimani***, M.A. Almessiere, I.A. Auwal, S.E. Shirsath, M.A. Gondal, M. Sertkol, A. Baykal, Biosynthesis effect of Moringa oleifera leaf extract on structural and magnetic properties of Zn doped Ca-Mg nano-spinel ferrites, Arabian Journal of Chemistry (2021). https://doi.org/10.1016/j.arabjc.2021.103261 (Impact Factor: 4.762)
.4	B. Ünal, M. A. Almessiere, **Y. Slimani**, A. Demir Korkmaz, A. Baykal, A study on the electrical and dielectric properties of $SrGd_xFe_{12-x}O_{19}$ ($x = 0.00–0.05$) nanosized M-type hexagonal ferrites, Journal of Materials Science: Materials in Electronics (2021). https://doi.org/10.1007/s10854-021-06373-9 (Impact Factor: 2.220)
.5	Sadeeq Ullah, Benoît D.L. Campéon, Shumaila Ibraheem, Ghulam Yasin, Rajesh Pathak, Yuta Nishina, Tuan Anh Nguyen, **Yassine Slimani**, Qipeng Yuan, Enabling the Fast Lithium Storage of Large-Scalable γ-Fe_2O_3/Carbon Nanoarchitecture Anode Materials with an Ultralong Cycle Life, Journal of Industrial and Engineering Chemistry (2021). https://doi.org/10.1016/j.jiec.2021.05.045 (Impact Factor: 5.287)
.6	Munirah Abdullah Almessiere, **Yassine Abdelhamid Slimani**, Mohammed Hassan, Mohammed Ashraf Gondal, Emre Cevik, Abdulhadi Baykal, Investigation of hard/soft $CoFe_2O_4$/$NiSc_{0.03}Fe_{1.97}O_4$ nanocomposite for energy storage applications, International Journal of Energy Research (2021). https://doi.org/10.1002/er.6916 (Impact Factor: 3.741)
.7	M.A. Almessiere, S. Güner, **Y. Slimani**, B. Rabindran Jermy, M. Sertkol, N. Taskhandi, A. Demir Korkmaz, A. Baykal, Sm-Dy co-substituted Sr hexaferrite microspheres: An investigation on their structural, magnetic, optical, and porosity characteristics, Ceramics International (2021). https://doi.org/10.1016/j.ceramint.2021.05.243 (Impact Factor: 3.830)
.8	**Y. Slimani***, Sagar E. Shirsath, E. Hannachi, M.A. Almessiere, Moustafa M. Aouna, Nouf E. Aldossary, Ghulam Yasin, A. Baykal, B. Ozçelik, I. Ercan, $(BaTiO_3)_{1-x}$+$(Co_{0.5}Ni_{0.5}Nb_{0.06}Fe_{1.94}O_4)_x$ nanocomposites: Structure, morphology, magnetic and dielectric properties, Journal of the American Ceramic Society (2021). https://doi.org/10.1111/jace.17931 (Impact Factor: 3.502)
.9	M. A. Almessiere, B. Unal, I. A. Auwal, **Y. Slimani**, H. Aydin, A. Manikandan, A. Baykal, Impact of calcination temperature on electrical and dielectric properties of $SrGa_{0.02}Fe_{11.98}O_{19}$-$Zn_{0.5}Ni_{0.5}Fe_2O_4$ hard/soft nanocomposites, Journal of Materials Science: Materials in Electronics (2021). https://doi.org/10.1007/s10854-021-06214-9 (Impact Factor: 2.220)
.10	E. Hannachi, M.A. Almessiere, **Y. Slimani***, Rahaf B. Alshamrani, Ghulam Yasin, F. Ben Azzouz, Preparation and characterization of high-Tc $(YBa_2Cu_3O_{7-\delta})_{1-x}$/$(CNTs)_x$ superconductors with highly boosted superconducting performances, Ceramics International (2021). https://doi.org/10.1016/j.ceramint.2021.05.071 (Impact Factor: 3.830)
.11	**Y. Slimani***, A. Selmi, E. Hannachi, M.A. Almessiere, Gaeet AlFalah, Latifa F. AlOusi, Ghulam Yasin, Munawar Iqbal, Study on the addition of SiO_2 nanowires to $BaTiO_3$: Structure, morphology, electrical and dielectric properties, Journal of Physics and Chemistry of Solids (2021). https://doi.org/10.1016/j.jpcs.2021.110183 (Impact Factor: 3.442)
.12	M.A. Darwish, A.T. Morchenko, H.F. Abosheiasha, V.G. Kostishyn, V.A. Turchenko, M.A. Almessiere, **Y. Slimani**, A. Baykal, A.V. Trukhanov, Impact of the exfoliated graphite on magnetic and microwave properties of the hexaferrite-based composites, Journal of Alloys and Compounds (2021). https://doi.org/10.1016/j.jallcom.2021.160397 (Impact Factor: 4.650)
.13	Suriya Rehman, Munirah A. Almessiere, Ebtesam A. Al-Suhaimi, Mehwish Hussain, Maha Yousuf Bari, Syed Mehmood Ali, Suhailah S. Al-Jameel, **Yassine Slimani**, Firdos Alam Khan, Abdulhadi Baykal, Ultrasonic Synthesis and

Biomedical Application of $Mn_{0.5}Zn_{0.5}Er_xY_xFe_{2-2x}O_4$ Nanoparticles, Biomolecules 11(5) (2021) 703. https://doi.org/10.3390/biom11050703 (Impact Factor: 4.082)	
M.A. Almessiere, **Y. Slimani**, H. Güngüneş, A. Demir Korkmaz, S.V. Trukhanov, S. Guner, F. Alahmari, A.V. Trukhanov, A. Baykal, Correlation between chemical composition, electrical, magnetic and microwave properties in Dy-substituted Ni-Cu-Zn ferrites, Materials Science and Engineering: B 270 (2021) 115202. https://doi.org/10.1016/j.mseb.2021.115202 (Impact Factor: 4.706)	.14
R. Algarni, **Y. Slimani**, E. Hannachi, M.A. Almessiere, B.H. Alqahtani, S. Akhtar, F. Ben Azzouz, Intergrain connectivity in $YBa_2Cu_3O_{7-\delta}$ superconductor added with Dy_2O_3 nanoparticles: AC susceptibility investigation, Current Applied Physics 27 (2021) 89-97. https://doi.org/10.1016/j.cap.2021.04.013 (Impact Factor: 2.281)	.15
Roselin Ranjitha Mathiarasu, A. Manikandan, Jeena N. Baby, Kurinjinathan Panneerselvam, Raghu Subashchandrabose, Mary George, **Y. Slimani**, M.A. Almessiere, A. Baykal, Hexagonal basalt-like ceramics $La_xMg_{1-x}TiO_3$ (x = 0 and 0.5) contrived via deep eutectic solvent for selective electrochemical detection of dopamine, Physica B: Condensed Matter 615 (2021) 413068. https://doi.org/10.1016/j.physb.2021.413068 (Impact Factor: 1.902)	.16
Vladimir E. Zhivulin, Evgeniy A. Trofimov, Svetlana A. Gudkova, Igor Yu. Pashkeev, Alexander Yu. Punda, Maksim Gavrilyak, Olga V. Zaitseva, Sergey V. Taskaev, Fedor V. Podgornov, Moustafa A. Darwish, Munirah A. Almessiere, **Yassine Slimani**, Abdulhadi Baykal, Sergei V. Trukhanov, Alex V. Trukhanov, Denis A. Vinnik, Polysubstituted High-Entropy $[LaNd](Cr_{0.2}Mn_{0.2}Fe_{0.2}Co_{0.2}Ni_{0.2})O_3$ Perovskites: Correlation of the Electrical and Magnetic Properties, Nanomaterials 11(4) (2021) 1014. https://doi.org/10.3390/nano11041014 (Impact Factor: 4.324)	.17
Munirah Abdullah Almessiere, **Yassine Slimani**, Hakan Güngüneş, Ayse Demir Korkmaz, Tatiana Zubar, Sergei Trukhanov, Alex Trukhanov, Ayyar Manikandan, Fatimah Alahmari, Abdulhadi Baykal, Influence of Dy^{3+} Ions on the Microstructures and Magnetic, Electrical, and Microwave Properties of $[Ni_{0.4}Cu_{0.2}Zn_{0.4}](Fe_{2-x}Dy_x)O_4$ ($0.00 \le x \le 0.04$) Spinel Ferrites, ACS Omega 6(15) (2021) 10266-10280. https://doi.org/10.1021/acsomega.1c00611 (Impact Factor: 2.87)	.18
Omar Alagha, Noureddine Ouerfelli, Hafedh Kochkar, Munirah A. Almessiere, **Yassine Slimani**, Ayyar Manikandan, Abdulhadi Baykal, Ahmed Mostafa, Mukarram Zubair, Mohammad H. Barghouthi, Kinetic Modeling for Photo-Assisted Penicillin G Degradation of $(Mn_{0.5}Zn_{0.5})[Cd_xFe_{2-x}]O_4$ ($x \le 0.05$) Nanospinel Ferrites, Nanomaterials 11(4) (2021) 970. https://doi.org/10.3390/nano11040970 (Impact Factor: 4.324)	.19
P. Annie Vinosha, A. Manikandan, A. Christy Preetha, A. Dinesh, **Y. Slimani**, M. A. Almessiere, A. Baykal, Belina Xavier, G. Francisco Nirmala, Review on Recent Advances of Synthesis, Magnetic Properties, and Water Treatment Applications of Cobalt Ferrite Nanoparticles and Nanocomposites, Journal of Superconductivity and Novel Magnetism (2021). https://doi.org/10.1007/s10948-021-05854-6 (Impact Factor: 1.244)	.20
M.A. Almessiere, **Y. Slimani***, A.V. Trukhanov, A. Sadaqat, A. Demir Korkmaz, N.A. Algarou, H. Aydın, A. Baykal, Muhammet S. Toprak, Review on functional bi-component nanocomposites based on hard/soft ferrites: Structural, magnetic, electrical and microwave absorption properties, Nano-Structures & Nano-Objects 26 (2021) 100728. https://doi.org/10.1016/j.nanoso.2021.100728	.21
Muhammad Aamir, Ismat Bibi, Sadia Ata, Farzana Majid, Norah Alwadai, Aljawhara H. Almuqrin, Hind Albalawi, **Yassine Slimani**, Muzaffar Bashir, Munawar Iqbal, Micro-emulsion approach for the fabrication of $La_{1-x}Gd_xCr_{1-y}Fe_yO_3$: Magnetic, dielectric and photocatalytic activity evaluation under visible light irradiation, Results in Physics 23 (2021) 104023. https://doi.org/10.1016/j.rinp.2021.104023 (Impact Factor: 4.019)	.22
Suhailah S. Aljameel, Munirah A. Almessiere, Firdos A. Khan, Nedaa Taskhandi, **Yassine Slimani**, Najat S. Al-Saleh, Ayyar Manikandan, Ebtesam A. Al-Suhaimi, Abdulhadi Baykal, Synthesis, Characterization, Anti-Cancer Analysis of $Sr_{0.5}Ba_{0.5}Dy_xSm_xFe_{8-2x}O_{19}$ ($0.00 \le x \le 1.0$) Microsphere Nanocomposites, Nanomaterials 11(3) (2021) 700. https://doi.org/10.3390/nano11030700 (Impact Factor: 4.324)	.23
V.E. Zhivulin, O.V. Zaitseva, E.A. Trofimov, N.S. Zabeivorota, M.V. Gavrilyak, F.V. Podgornov, D.A. Vinnik, M.A. Almessiere, **Y. Slimani**, A. Baykal, K.A. Astapovich, A.V. Trukhanov, Anisotropy of the electrical properties of a single crystal of $BaFe_{11.25}Ti_{0.75}O_{19}$ M-type barium hexaferrite, Journal of Solid State Chemistry 298 (2021) 122104. https://doi.org/10.1016/j.jssc.2021.122104 (Impact Factor: 2.726)	.24
Saima Noreen, Kalsoom Khalid, Munawar Iqbal, Hanadi B. Baghdadi, Numrah Nisar, Umme Habibah Siddiqua, Jan Nisar, **Yassine Slimani**, Muhammad I. Khan, Arif Nazir, Eco-benign approach to produce biodiesel from neem oil	.25

using heterogeneous nano-catalysts and process optimization, Environmental Technology & Innovation 22 (2021) 101430. https://doi.org/10.1016/j.eti.2021.101430 (Impact Factor: 3.356)	
Aamir Ghafoor, Ismat Bibi, Sadia Ata, Farzana Majid, Shagufta Kamal, Fariha Rehman, Shahid Iqbal, Muhammad Aamir, **Yassine Slimani**, Munawar Iqbal, Abdul Mailk, Synthesis and characterization of magnetically separable $La_{1-x}Bi_xCr_{1-y}Fe_yO_3$ and photocatalytic activity evaluation under visible light, Zeitschrift für Physikalische Chemie (2021). https://doi.org/10.1515/zpch-2020-1747 (Impact Factor: 2.030)	.26
M. George, T.L. Ajeesha, A. Manikandan, Ashwini Anantharaman, R.S. Jansi, E. Ranjith Kumar, **Y. Slimani**, M.A. Almessiere, A. Baykal, Evaluation of Cu-$MgFe_2O_4$ spinel nanoparticles for photocatalytic and antimicrobial activates, Journal of Physics and Chemistry of Solids 153 (2021) 110010. https://doi.org/10.1016/j.jpcs.2021.110010 (Impact Factor: 3.442)	.27
Sadia Ata, Ifra Shaheen, Farzana Majid, Ismat Bibi, Ijaz-ul-Mohsin, Kashif Jilani, **Yassine Slimani**, Munawar Iqbal, Hydrothermal route for the synthesis of manganese ferrite nanoparticles and photocatalytic activity evaluation for the degradation of methylene blue dye, Zeitschrift für Physikalische Chemie (2021). https://doi.org/10.1515/zpch-19-1381 (Impact Factor: 2.030)	.28
S. Blessi, S. Anand, A. Manikandan, M. Maria Lumina Sonia, V. Maria Vinosel, **Y. Slimani**, M. A. Almessiere, A. Baykal, Influence of Ni substitution on opto-magnetic and electrochemical properties of CTAB-capped mesoporous SnO_2 nanoparticles, Journal of Materials Science: Materials in Electronics 32 (2021) 7630–7646. https://doi.org/10.1007/s10854-021-05479-4 (Impact Factor: 2.220)	.29
Mohammad Tabish, Muhammad Uzair Malik, Muhammad Abubaker Khan, Ghulam Yasin, Hafiz Muhammad Asif, Muhammad Junaid Anjum, Waheed Qamar Khan, Shumaila Ibraheem, Tuan Anh Nguyen, **Y. Slimani**, M. Tariq Nazir, Construction of NiCo/Graphene Nanocomposite Coating with Bulges-like Morphology for Enhanced Mechanical Properties and Corrosion Resistance Performance, Journal of Alloys and Compounds 867 (2021) 159138. https://doi.org/10.1016/j.jallcom.2021.159138 (Impact Factor: 4.650)	.30
S. Blessi, S. Anand, A. Manikandan, M. Maria Lumina Sonia, V. Maria Vinosel, **Y. Slimani**, M. A. Almessiere, A. Baykal, Structural, optical, and electrochemical investigations of Sb-substituted mesoporous SnO_2 nanoparticles, Journal of Materials Science: Materials in Electronics 32 (2021) 4132–4145. https://doi.org/10.1007/s10854-020-05155-z (Impact Factor: 2.220)	.31
M. Vanitha, G. Ramachandran, A. Manikandan, **Y. Slimani**, M. A. Almessiere, A. Baykal, Chandra Sekhar Dash, Effect of Sr^{2+} Ion–Substituted Nickel Ferrite Nanoparticles Prepared by a Simple Microwave Combustion Method, Journal of Superconductivity and Novel Magnetism (2021). https://doi.org/10.1007/s10948-020-05777-8 (Impact Factor: 1.244)	.32
Anuj Kumar, Ghulam Yasin, Vinod Kumar Vashistha, Deepak K. Das, Majeed Ur Rehman, Rashid Iqbal, Zhousheng Mo, Tuan Anh Nguyen, **Y. Slimani**, M. Tariq Nazir, Wei Zhao, Enhancing oxygen reduction reaction performance via CNTs/Graphene supported Iron Protoporphyrin IX: A hybrid Nanoarchitecture Electrocatalyst, Diamond & Related Materials 113 (2021) 108272. https://doi.org/10.1016/j.diamond.2021.108272 (Impact Factor: 2.650)	.33
Quentin Nouailhetas, Anjela Koblischka-Veneva, Michael R. Koblischka, Pavan Kumar Naik S., Florian Schäfer, H. Ogino, Christian Motz, Kévin Berger, Bruno Douine, **Yassine Slimani**, Essia Hannachi, Magnetic phases in superconducting, polycrystalline bulk FeSe samples, AIP Advances 11 (2021) 015230. https://doi.org/10.1063/9.0000167 (Impact Factor: 1.337)	.34
Y. Slimani, N.A. Algarou, M.A. Almessiere, A. Sadaqat, M.G. Vakhitov, D.S. Klygach, D.I. Tishkevich, A.V. Trukhanov, S. Güner, A.S. Hakeem, I.A. Auwal, A. Baykal, A. Manikandan, I. Ercan, Fabrication of exchange coupled hard/soft magnetic nanocomposites: Correlation between composition, magnetic, optical and microwave properties, Arabian Journal of Chemistry 14(3) (2021) 102992. https://doi.org/10.1016/j.arabjc.2021.102992 (Impact Factor: 4.762)	.35
P. Annie Vinosha, A. Manikandan, A. Sherley Judith Ceicilia, A. Dinesh, G. Francisco Nirmala, A. Christy Preetha, **Y. Slimani**, M.A. Almessiere, A. Baykal, Belina Xavier, Review on recent advances of zinc substituted cobalt ferrite nanoparticles: Synthesis characterization and diverse applications, Ceramics International 47(8) (2021) 10512-10535. https://doi.org/10.1016/j.ceramint.2020.12.289 (Impact Factor: 3.830)	.36
S. Gunasekaran, K. Thanrasu, A. Manikandan, M. Durka, A. Dinesh, S. Anand, S. Shankar, **Y. Slimani**, M.A. Almessiere, A. Baykal, Structural, fabrication and enhanced electromagnetic wave absorption properties of reduced graphene oxide (rGO)/zirconium substituted cobalt ferrite ($Co_{0.5}Zr_{0.5}Fe_2O_4$) nanocomposites, Physica B 605 (2021) 412784. https://doi.org/10.1016/j.physb.2020.412784 (Impact Factor: 1.902)	.37

Muhammad Nadeem, Ghulam Yasin, Muhammad Arif, Hassina Tabassum, Moazzam H. Bhatti, Mazhar Mehmood, Uzma Yunus, Rashid Iqbal, Tuan Anh Nguyen, **Yassine Slimani**, Huaihe Song, Wei Zhao, Highly active sites of Pt/Er dispersed N-doped hierarchical porous carbon for trifunctional electrocatalyst, Chemical Engineering Journal 409 (2021) 128205. https://doi.org/10.1016/j.cej.2020.128205 (Impact Factor: 10.652)	.38
Y. Slimani, B. Unal, M.A. Almessiere, A. Demir Korkmaz, A. Baykal, Investigation of AC susceptibility, dielectric and electrical properties of Tb-Tm co-substituted M-type Sr hexaferrites, Materials Chemistry and Physics 260 (2021) 124162. https://doi.org/10.1016/j.matchemphys.2020.124162 (Impact Factor: 3.408)	.39
Huseyin Tombuloglu, **Yassine Slimani**, Thamer Marhoon AlShammari, Guzin Tombuloglu, Munirah A. Almessiere, Huseyin Sozeri, Abdulhadi Baykal, Ismail Ercan, Delivery, fate and physiological effect of engineered cobalt ferrite nanoparticles in barley (Hordeum vulgare L.), Chemosphere 265 (2021) 129138. https://doi.org/10.1016/j.chemosphere.2020.129138 (Impact Factor: 5.778)	.40
Munirah A. Almessiere, **Yassine Slimani**, Ismail A. Auwal, Sagar E. Shirsath, Ayyar Manikandan, Abdulhadi Baykal, Bekir Özçelik, Ismail Ercan, Sergei V. Trukhanov, Denis A. Vinnik, Alex V. Trukhanov, Impact of Tm^{3+} and Tb^{3+} Rare Earth Cations Substitution on the Structure and Magnetic Parameters of Co-Ni Nanospinel Ferrite, Nanomaterials 10(12) (2020) 2384. http://dx.doi.org/10.3390/nano10122384 (Impact Factor: 4.324)	.41
T. Ajeesha, Ashwini A, Mary George, A. Manikandan, J. Arul Mary, **Y. Slimani**, M.A. Almessiere, A. Baykal, Nickel substituted $MgFe_2O_4$ nanoparticles via co-precipitation method for photocatalytic applications, Physica B 606 (2021) 412660. https://doi.org/10.1016/j.physb.2020.412660 (Impact Factor: 1.902)	.42
Michael Rudolf Koblischka, **Yassine Slimani**, Anjela Koblischka-Veneva, Thomas Karwoth, XianLin Zeng, Essia Hannachi, Masato Murakami, Excess Conductivity Analysis of Polycrystalline FeSe Samples with the Addition of Ag, Materials 13(21) (2020) 5018. https://doi.org/10.3390/ma13215018 (Impact Factor: 3.057)	.43
P. Annie Vinosha, A. Manikandan, R. Ragu, A. Dinesh, P. Paulraj, **Y. Slimani**, M.A. Almessiere, A. Baykal, J. Madhavan, B. Xavier, G. Francisco Nirmala, Exploring the influence of varying pH on structural, electro-optical, magnetic and photo-Fenton properties of mesoporous $ZnFe_2O_4$ nanocrystals, Environmental Pollution 272 (2021) 115983. https://doi.org/10.1016/j.envpol.2020.115983 (Impact Factor: 6.792)	.44
R. Algarni, E. Hannachi, **Y. Slimani**, M.A. Almessiere, F. Ben Azzouz, Flux pinning mechanisms of $(YBa_2Cu_3O_{y-d})_{1-x}/(Dy_2O_3)_x$ superconductors (x=0.1 and 0.5 wt%), Ceramics International 47(5) (2021) 6675-6682. https://doi.org/10.1016/j.ceramint.2020.11.007 (Impact Factor: 3.830)	.45
Michael Rudolf Koblischka, Anjela Koblischka-Veneva, XianLin Zeng, Essia Hannachi, **Yassine Slimani**, Microstructure and Fluctuation-Induced Conductivity Analysis of $Bi_2Sr_2CaCu_2O_{8+\delta}$ (Bi-2212) Nanowire Fabrics, Crystals 10(11) (2020) 986. https://doi.org/10.3390/cryst10110986 (Impact Factor: 2.404)	.46
Norah A. Algarou, **Yassine Slimani**, Munirah A. Almessiere, Ali Sadaqat, Alex V. Trukhanov, Mohammad A. Gondal, Abbas S. Hakeem, Sergei V. Trukhanov, Maksim G. Vakhitov, Denis S. Klygach, Ayyar Manikandan, Abdulhadi Baykal, Functional $Sr_{0.5}Ba_{0.5}Sm_{0.02}Fe_{11.98}O_4/x(Ni_{0.8}Zn_{0.2}Fe_2O_4)$ Hard–Soft Ferrite Nanocomposites: Structure, Magnetic and Microwave Properties, Nanomaterials 10(11) (2020) 2134. https://doi.org/10.3390/nano10112134 (Impact Factor: 4.324)	.47
P. Annie Vinosha, A. Manikandan, R. Ragu, A. Dinesh, K. Thanrasu, **Y. Slimani**, A. Baykal, Belina Xavier, Impact of nickel substitution on structure, magneto-optical, electrical and acoustical properties of cobalt ferrite nanoparticles, Journal of Alloys and Compounds 857 (2021) 157517. https://doi.org/10.1016/j.jallcom.2020.157517 (Impact Factor: 4.650)	.48
R. Algarni, M.A. Almessiere, **Y. Slimani**, E. Hannachi, F. Ben Azzouz, Enhanced critical current density and flux pinning traits with Dy_2O_3 nanoparticles added to $YBa_2Cu_3O_{7-d}$ superconductor, Journal of Alloys and Compounds 852 (2021) 157019. https://doi.org/10.1016/j.jallcom.2020.157019 (Impact Factor: 4.650)	.49
A. V. Trukhanov, N. A. Algarou, **Y. Slimani**, M. A. Almessiere, A. Baykal, D. I. Tishkevich, D. A. Vinnik, M. G. Vakhitov, D. S. Klygach, M. V. Silibin, T. I. Zubar, S. V. Trukhanov, Peculiarities of the microwave properties of hard–soft functional composites $SrTb_{0.01}Tm_{0.01}Fe_{11.98}O_{19}$–$AFe_2O_4$ (A = Co, Ni, Zn, Cu, or Mn), RSC Advances 10(54) (2020) 32638-32651. https://doi.org/10.1039/D0RA05087C (Impact Factor: 3.119)	.50
Mohammad Azam Ansari, Hani Manssor Albetran, Muidh Hamed Alheshibri, Abdelmajid Timoumi, Norah Abdullah Algarou, Sultan Akhtar, **Yassine Slimani**, Munirah Abdullah Almessiere, Fatimah Saad Alahmari, Abdulhadi Baykal, It-Meng Low, Synthesis of Electrospun TiO_2 Nanofibers and Characterization of Their Antibacterial and Antibiofilm	.51

Potential against Gram-Positive and Gram-Negative Bacteria, Antibiotics 9(9) (2020) 572. https://doi.org/10.3390/antibiotics9090572 (Impact Factor: 3.893)	
M.A. Almessiere, **Y. Slimani**, Sagar E. Shirsath, Y.S. Wudil, A. Baykal, I. Ercan, Customized magnetic properties of $(Mn_{0.5}Zn_{0.5})[Eu_xNd_xFe_{2-2x}]O_4$ nanospinel ferrites synthesized via ultrasonic irradiation approach, Results in Physics 19 (2020) 103350. https://doi.org/10.1016/j.rinp.2020.103350 (Impact Factor: 4.019)	.52
F. Alahmari, M.A. Almessiere, **Y. Slimani**, H. Güngüneş, Sagar E. Shirsath, S. Akhtar, Mariusz Jaremko, A. Baykal, Synthesis and characterization of electrospun $Ni_{0.5}Co_{0.5-x}Cd_xNd_{0.02}Fe_{1.78}O_4$ nanofibers, Nano-Structures & Nano-Objects 24 (2020) 100542. https://doi.org/10.1016/j.nanoso.2020.100542	.53
M.A. Almessiere, **Y. Slimani**, S. Rehman, F.A. Khan, Ç.D. Güngüneş, S. Güner, Sagar E. Shirsath, A. Baykal, Magnetic properties, anticancer and antibacterial effectiveness of sonochemically produced Ce^{3+}/Dy^{3+} co-activated Mn-Zn nanospinel ferrites, Arabian Journal of Chemistry 13(10) (2020) 7403-7417. https://doi.org/10.1016/j.arabjc.2020.08.017 (Impact Factor: 4.762)	.54
M.A. Almessiere, **Y. Slimani**, A.V. Trukhanov, A. Demir Korkmaz, S. Guner, S. Akhtar, Sagar E. Shirsath, A. Baykal, I. Ercan, Effect of Nd-Y co-substitution on structural, magnetic, optical and microwave properties of NiCuZn nanospinel ferrites, Journal of Materials Research and Technology 9(5) (2020) 11278-11290. https://doi.org/10.1016/j.jmrt.2020.08.027 (Impact Factor: 5.289)	.55
N.A. Algarou, **Y. Slimani**, M.A. Almessiere, S. Rehman, M. Younas, B. Unal, A. Demir Korkmaz, M.A. Gondal, A.V. Trukhanov, A. Baykal, I. Nahvi, Developing the magnetic, dielectric and anticandidal characteristics of $SrFe_{12}O_{19}/(Mg_{0.5}Cd_{0.5}Dy_{0.03}Fe_{1.97}O_4)_x$ hard/soft ferrite nanocomposites, Journal of the Taiwan Institute of Chemical Engineers 113 (2020) 344-362. https://doi.org/10.1016/j.jtice.2020.07.022 (Impact Factor: 4.794)	.56
Huseyin Tombuloglu, **Yassine Slimani**, Thamer Marhoon AlShammari, Muhammed Bargouti, Mehmet Ozdemir, Guzin Tombuloglue, Sultan Akhtar, Hussain Sabit, Khalid Rahman Hakeem, Munirah Almessiere, Ismail Ercan, Abdulhadi Baykal, Uptake, translocation, and physiological effects of hematite (α-Fe_2O_3) nanoparticles in barley (Hordeum vulgare L.), Environmental Pollution 266 (2020) 115391. https://doi.org/10.1016/j.envpol.2020.115391 (Impact Factor: 6.792)	.57
M. H. A. Mhareb, **Y. Slimani**, Y. S. Alajerami, M. I. Sayyed, Eloic Lacomme, M. A. Almessiere, Structural and Radiation Shielding Properties of $BaTiO_3$ Ceramic with Different Concentrations of Bismuth and Ytterbium, Ceramics International 46(18) (2020) 28877-28886. https://doi.org/10.1016/j.ceramint.2020.08.055 (Impact Factor: 3.830)	.58
M.A. Almessiere, **Y. Slimani**, B. Unal, T.I. Zubar, A. Sadaqat, A.V. Trukhanov, A. Baykal, Microstructure, dielectric and microwave features of $[Ni_{0.4}Cu_{0.2}Zn_{0.4}](Fe_{2-x}Tb_x)O_4$ ($x \leq 0.1$) nanospinel ferrites, Journal of Materials Research and Technology 9(5) (2020) 10608-10623. https://doi.org/10.1016/j.jmrt.2020.07.094 (Impact Factor: 5.289)	.59
Anuj Kumar, Ghulam Yasin, Rashid Mustafa Korai, **Y. Slimani**, Muhammad Furqan Ali, Mohammad Tabish, M. Tariq Nazir, Tuan Anh Nguyen, Boosting Oxygen Reduction Reaction Activity by Incorporating the Iron Phthalocyanine Nanoparticles on Carbon Nanotubes Network, Inorganic Chemistry Communications 120 (2020) 108160. https://doi.org/10.1016/j.inoche.2020.108160 (Impact Factor: 1.943)	.60
Y. Slimani, M.A. Almessiere, A. Demir Korkmaz, A. Baykal, I. Ercan, AC susceptibility and FC-ZFC magnetic properties of $SrTb_xFe_{12-x}O_{19}$ and $SrTm_xFe_{12-x}O_{19}$ hexaferrites: comparative study, Journal of Rare Earths (2020). https://doi.org/10.1016/j.jre.2020.07.026 (Impact Factor: 3.104)	.61
M.A. Almessiere, **Y. Slimani**, A.V. Trukhanov, A. Baykal, H. Gungunes, E.L. Trukhanova, S.V. Trukhanov, V.G. Kostishin, Strong correlation between Dy^{3+} concentration, structure, magnetic and microwave properties of the $[Ni_{0.5}Co_{0.5}](Dy_xFe_{2-x})O_4$ nanosized ferrites, Journal of Industrial and Engineering Chemistry 90 (2020) 251-259. https://doi.org/10.1016/j.jiec.2020.07.020 (Impact Factor: 5.278)	.62
F. Alahmari, M.A. Almessiere, B. Ünal, **Y. Slimani**, A. Baykal, Electrical and optical properties of $Ni_{0.5}Co_{0.5-x}Cd_xNd_{0.02}Fe_{1.78}O_4$ ($x \leq 0.25$) spinel ferrite nanofibers, Ceramics International 46(15) (2020) 24605-24614. https://doi.org/10.1016/j.ceramint.2020.06.249 (Impact Factor: 3.830)	.63
Huseyin Tombuloglu, **Yassine Slimani**, Guzin Tombuloglu, Thamer Alshammari, Munirah Almessiere, Ayşe Demir Korkmaz, Abdulhadi Baykal, Anna Cristina S. Samia, Engineered magnetic nanoparticles enhance chlorophyll content and growth of barley through the induction of photosystem genes, Environmental Science and Pollution Research 27 (2020) 34311–34321. https://doi.org/10.1007/s11356-020-09693-1 (Impact Factor: 3.056)	.64

M.A. Almessiere, **Y. Slimani**, S. Rehman, Firdos A. Khan, E. Gökçe Polat, A. Sadaqat, Sagar E. Shirsath, A. Baykal, Synthesis of Dy-Y co-substituted manganese‑zinc spinel nanoferrites induced anti-bacterial and anti-cancer activities: Comparison between sonochemical and sol-gel auto-combustion methods, Materials Science & Engineering C 116 (2020) 111186. https://doi.org/10.1016/j.msec.2020.111186 (Impact Factor: 5.880)	.65
A. Manikandan, M. Yogasundari, K. Thanrasu, A. Dinesh, K. Kanmani Raja, **Y. Slimani**, S.K. Jaganathan, R. Srinivasan, A. Baykal, Structural, morphological and optical properties of multifunctional magnetic-luminescent ZnO@Fe_3O_4 nanocomposite, Physica E: Low-dimensional Systems and Nanostructures 124 (2020) 114291. https://doi.org/10.1016/j.physe.2020.114291 (Impact Factor: 3.570)	.66
Y. Slimani, M.A. Almessiere, S. Guner, F.S. Alahmari, Ghulam Yasin, A.V. Trukhanov, A. Baykal, Influence of Tm–Tb substitution on magnetic and optical properties of Ba–Sr hexaferrites prepared by ultrasonic assisted citrate sol-gel approach, Materials Chemistry and Physics 253 (2020) 123324. https://doi.org/10.1016/j.matchemphys.2020.123324 (Impact Factor: 3.408)	.67
M.A. Almessiere, **Y. Slimani**, H. Güngüneş, A. Demir Korkmaz, A. Baykal, A.V. Trukhanov, Ghulam Yasin, $SrCo_xZr_xFe_{12-2x}O_{19}$ and $SrNi_xZr_xFe_{12-2x}O_{19}$ hexaferrites: A Comparison Study of AC Susceptibility, FC-ZFC and hyperfine interactions, Chinese Journal of Physics 66 (2020) 596-605. https://doi.org/10.1016/j.cjph.2020.05.012 (Impact Factor: 2.638)	.68
A.V. Trukhanov, K.A. Astapovich, V.A. Turchenko, M.A. Almessiere, **Y. Slimani**, A. Baykal, A.S.B. Sombra, Di Zhou, R.B. Jotania, C. Singh, T.I. Zubar, D.I. Tishkevich, S.V. Trukhanov, Influence of the dysprosium ions on structure, magnetic characteristics and origin of the reflection losses in the Ni–Co spinels, Journal of Alloys and Compounds 841 (2020) 155667. https://doi.org/10.1016/j.jallcom.2020.155667 (Impact Factor: 4.650)	.69
Huseyin Tombuloglu, Ismail Ercan, Thamer Alshammari, Guzin Tombuloglu, **Yassine Slimani**, Munirah Almessiere, Abdulhadi Baykal, Incorporation of Micro-nutrients (Nickel, Copper, Zinc, and Iron) into Plant Body Through Nanoparticles, Journal of Soil Science and Plant Nutrition 20 (2020) 1872–1881. https://doi.org/10.1007/s42729-020-00258-2 (Impact Factor: 2.006)	.70
D.A. Vinnik, A.V. Trukhanov, F.V. Podgornov, E.A. Trofimov, V.E. Zhivulin, A. Yu. Starikov, O.V. Zaitseva, S.A. Gudkova, A.A. Kirsanova, S.V. Taskaev, D.A. Uchaev, S.V. Trukhanov, M.A. Almessiere, **Y. Slimani**, A. Baykal, Correlation between entropy state, crystal structure, magnetic and electrical properties in M-type Ba-hexaferrites, Journal of the European Ceramic Society 40 (2020) 4022-4028. https://doi.org/10.1016/j.jeurceramsoc.2020.04.036 (Impact Factor: 4.495)	.71
E. Hannachi, **Y. Slimani**, F.O. Al-qwairi, M.A. Almessiere, F. Ben Azzouz, Comparative Study of Thermal Fluctuation Induced Conductivity in $YBa_2Cu_3O_{7-d}$ Containing Nano-$Zn_{0.95}Mn_{0.05}O$ and Nano-Al_2O_3 Particles, Solid State Sciences 105 (2020) 106264. https://doi.org/10.1016/j.solidstatesciences.2020.106264 (Impact Factor: 2.434)	.72
F. Alahmari, S. Rehman, M. Almessiere, F.A. Khan, **Y. Slimani**, A. Baykal, Synthesis of $Ni_{0.5}Co_{0.5-x}Cd_xFe_{1.78}Nd_{0.02}O_4$ ($x \leq 0.25$) nanofibers by using electrospinning technique induce anti-cancer and anti-bacterial activities, Journal of Biomolecular Structure and Dynamics (2020). https://doi.org/10.1080/07391102.2020.1761880 (Impact Factor: 3.310)	.73
N.A. Algarou, **Y. Slimani**, M.A. Almessiere, F.S. Alahmari, M.G. Vakhitov, D.S. Klygach, S.V. Trukhanov, A.V. Trukhanov, A. Baykal, Magnetic and microwave properties of $SrFe_{12}O_{19}$/$MCe_{0.04}Fe_{1.96}O_4$ (M = Cu, Ni, Mn, Co and Zn) hard/soft nanocomposites, Journal of Materials Research and Technology 9(3) (2020) 5858-5870. https://doi.org/10.1016/j.jmrt.2020.03.113 (Impact Factor: 5.289)	.74
H. Albetran, **Y. Slimani**, M.A.Almessiere, F. Alahmari, Sagar E. Shirsath, S. Akhtar, I.M. Low, A. Baykal, I. Ercan, Synthesis, characterization and magnetic investigation of Er-substituted electrospun $NiFe_2O_4$ nanofibers, Physica Scripta 95(7) (2020) 075801. https://doi.org/10.1088/1402-4896/ab8b7d (Impact Factor: 2.151)	.75
Y. Slimani, M.A. Almessiere, Sagar E. Shirsath, E. Hannachi, Ghulam Yasin, A. Baykal, B. Ozçelik, I. Ercan, Investigation of structural, morphological, optical, magnetic and dielectric properties of (1-x)$BaTiO_3$/x$Sr_{0.92}Ca_{0.04}Mg_{0.04}Fe_{12}O_{19}$ composites, Journal of Magnetism and Magnetic Materials 510 (2020) 166933. https://doi.org/10.1016/j.jmmm.2020.166933 (Impact Factor: 2.717)	.76
Y. Slimani, M. A. Almessiere, S. Güner, U. Kurtan, Sagar E. Shirsath, A. Baykal, I. Ercan, Magnetic and microstructural features of Dy^{3+} substituted $NiFe_2O_4$ nanoparticles derived by sol–gel approach, Journal of Sol-Gel Science and Technology 95 (2020) 202–210. https://doi.org/10.1007/s10971-020-05292-1 (Impact Factor: 2.008)	.77

Y. Slimani, B. Unal, M. A. Almessiere, E. Hannachi, Ghulam Yasin, A. Baykal, I. Ercan, Role of WO_3 nanoparticles in electrical and dielectric properties of $BaTiO_3$–$SrTiO_3$ ceramics, Journal of Materials Science: Materials in Electronics 31(10) (2020) 7786–7797. https://doi.org/10.1007/s10854-020-03317-7 (Impact Factor: 2.220)	.78
N. A. Algarou, **Y. Slimani**, M. A. Almessiere, A. Baykal, Exchange-coupling behavior in $SrTb_{0.01}Tm_{0.01}Fe_{11.98}O_{19}/(CoFe_2O_4)_x$ hard/soft nanocomposites, New Journal of Chemistry 44 (2020) 5800-5808. https://doi.org/10.1039/D0NJ00109K (Impact Factor: 3.288)	.79
Y. Slimani, B. Unal, M.A. Almessiere, A. Demir Korkmaz, Sagar E. Shirsath, Ghulam Yasin, A.V. Trukhanov, A. Baykal, Investigation of structural and physical properties of Eu^{3+} ions substituted $Ni_{0.4}Cu_{0.2}Zn_{0.4}Fe_2O_4$ spinel ferrite nanoparticles prepared via sonochemical approach, Results in Physics 17 (2020) 103061. https://doi.org/10.1016/j.rinp.2020.103061 (Impact Factor: 4.019)	.80
M.A. Almessiere, **Y. Slimani**, S. Guner, S. Aldakhil, A.D. Korkmaz, M. Sertkol, H. Gungunes, Ghulam Yasin, A. Baykal, Ultrasonic synthesis, magnetic and optical characterization of Tm^{3+} and Tb^{3+} ions co-doped barium nanohexaferrites, Journal of Solid State Chemistry 286 (2020) 121310. https://doi.org/10.1016/j.jssc.2020.121310 (Impact Factor: 2.726)	.81
Abrar A. Khan, M. Mumtaz, Liaqat Ali, Mubasher, **Y. Slimani**, M. Nasir Khan, Irfan Qasim, AC Conduction Mechanism in $(Cu)_x/(CuTl)^-1223$ Nanoparticles–Superconductor Composites, Journal of Low Temperature Physics 199 (2020) 1268–1298. https://doi.org/10.1007/s10909-020-02417-2 (Impact Factor: 1.491)	.82
Norah Al-Amri, Huseyin Tombuloglu, **Yassine Slimani**, Sultan Akhtar, Mohammad Barghouthi, Munirah Almessiere, Thamer Alshammari, Abdulhadi Baykal, Hussain Sabit, Ismail Ercan, Sezen Ozcelik, Size effect of iron (III) oxide nanomaterials on the growth, and their uptake and translocation in common wheat (*Triticum aestivum L.*), Ecotoxicology and Environmental Safety 194 (2020) 110377. https://doi.org/10.1016/j.ecoenv.2020.110377 (Impact Factor: 4.872)	.83
Sadiq Ullah, Ghulam Yasin, Aftab Ahmad, Lei Qin, Qipeng Yuan, Arif Ullah Khan, Usman Ali Khan, Aziz Ur Rehman, **Yassine Slimani**, Construction of well-designed 1D Selenium-Tellurium nanorods anchored on graphene sheets as high storage capacity anode material in Lithium-ion battery, Inorganic Chemistry Frontiers 7 (2020) 1750-1761. https://doi.org/10.1039/C9QI01701A (Impact Factor: 5.958)	.84
Ghulam Yasin, Muhammad Junaid Anjum, Muhammad Uzair Malik, Muhammad Abubaker Khan, Waheed Qamar Khan, Muhammad Arif, Tahira Mehtab, Tuan Anh Nguyen, **Yassine Slimani**, Mohammad Tabish, Dilshad Ali, Yu Zuo, Revealing the erosion-corrosion performance of sphere-shaped morphology of nickel matrix nanocomposite strengthened with reduced graphene oxide nanoplatelets, Diamond & Related Materials 104 (2020) 107763. https://doi.org/10.1016/j.diamond.2020.107763 (Impact Factor: 2.650)	.85
Yassine Slimani, Munirah Abdullah Almessiere, Sadik Güner, Umran Kurtan, Abdulhadi Baykal, Impacts of Sol-Gel Auto-Combustion and Ultrasonication Approaches on Structural, Magnetic, and Optical Properties of Sm-Tm co-Substituted $Sr_{0.5}Ba_{0.5}Fe_{12}O_{19}$ Nanohexaferrites: Comparative study, Nanomaterials 10 (2020) 272. https://doi.org/10.3390/nano10020272 (Impact Factor: 4.324)	.86
M.A. Almessiere, **Y. Slimani**, H. Gungunes, M. Nawaz, F.S. Al-ahmari, A. Manikandan, A. Baykal, Investigation of the crystal/magnetic structure, magnetic and optical properties of $SrY_xNb_xFe_{12-2x}O_{19}$ ($x \leq 0.05$) hexaferrites, Physica Scripta 95(5) (2020) 055802. https://doi.org/10.1088/1402-4896/ab7143 (Impact Factor: 2.151)	.87
Huseyin Tombuloglu, Ismail Anıl, Sultan Akhtar, Halbay Turumtay, Hussain Sabit, **Yassine Slimani**, Munirah Almessiere, Abdulhadi Baykal, Iron oxide nanoparticles translocate in pumpkin and alter the phloem sap metabolites related to oil metabolism, Scientia Horticulturae 265 (2020) 109223. https://doi.org/10.1016/j.scienta.2020.109223 (Impact Factor: 2.769)	.88
M.A. Almessiere, **Y. Slimani**, H. Güngüneş, V.G. Kostishyn, S.V. Trukhanov, A.V. Trukhanov, A. Baykal, Impact of Eu^{3+} ion substitution on structural, magnetic and microwave traits of Ni–Cu–Zn spinel ferrites, Ceramics International 46(8) (2020) 11124-11131. https://doi.org/10.1016/j.ceramint.2020.01.132 (Impact Factor: 3.830)	.89
M.A. Almessiere, E. Hannachi, **Y. Slimani**, Ghulam Yasin, M. Mumtaz, M.R. Koblischka, A. Koblischka-Veneva, A. Manikandan, A. Baykal, Dimensionality and superconducting parameters of $YBa_2Cu_3O_{7-d}/(WO_3\ NPs)_x$ composites deduced from excess conductivity analysis, Materials Chemistry and Physics 243 (2020) 122665. https://doi.org/10.1016/j.matchemphys.2020.122665 (Impact Factor: 3.408)	.90

Y. Slimani, Excess conductivity investigations of WO_3 nanowires added to $YBa_2Cu_3O_{7-d}$ superconductor, Journal of Materials Science: Materials in Electronics 31(4) (2020) 3023–3034. https://doi.org/10.1007/s10854-019-02846-0 (Impact Factor: 2.220)	.91
Suriya Rehman, Munerah Abdullah Almessiere, Nedaa Tashkandi, Abdulhadi Baykal, **Yassine Slimani**, Rabindran Jermy, Vijaya Ravinayagam, Cevat Yaman, Fabrication of Spinel Cobalt Ferrite ($CoFe_2O_4$) Nanoparticles with Unique Earth Element Cerium and Neodymium for Anticandidal Activities, ChemistrySelect 4 (2019) 14329-14334. https://doi.org/10.1002/slct.201901811 (Impact Factor: 1.811)	.92
M. Mumtaz, Liaqat Ali, Mubasher, Ahmed Saleh, **Y. Slimani**, Irfan Qasim, Mehwish Hassan, Zubair Ahmad, AC-Conduction Mechanism via Dielectric Measurements of $(Cr)_x$/(CuTl)-1223 Nanoparticles-Superconductor Composites, Cryogenics 105 (2020) 103021. https://doi.org/10.1016/j.cryogenics.2019.103021 (Impact Factor: 1.818)	.93
N.A. Algarou, **Y. Slimani**, M.A. Almessiere, A. Baykal, S. Guner, A. Manikandan, I. Ercan, Enhancement on the exchange coupling behavior of $SrCo_{0.02}Zr_{0.02}Fe_{11.96}O_{19}/MFe_2O_4$ (M=Co, Ni, Cu, Mn and Zn) as hard/soft magnetic nanocomposites, Journal of Magnetism and Magnetic Materials 499 (2020) 166308. https://doi.org/10.1016/j.jmmm.2019.166308 (Impact Factor: 2.717)	.94
S. Rehman, M.A. Almessiere, F.A. Khan, A. Demir Korkmaz, N. Tashkandi, **Y. Slimani**, A. Baykal, Synthesis and biological characterization of $Mn_{0.5}Zn_{0.5}Eu_xDy_xFe_{1.8-2x}O_4$ nanoparticles by sonochemical approach, Materials Science & Engineering C 109 (2020) 110534. https://doi.org/10.1016/j.msec.2019.110534 (Impact Factor: 5.880)	.95
M.A. Almessiere, A.V. Trukhanov, F.A. Khan, **Y. Slimani**, N. Tashkandi, V.A. Turchenko, T.I. Zubar, D.I. Tishkevich, S.V. Trukhanov, L.V. Panina, A. Baykal, Correlation between microstructure parameters and anti-cancer activity of the $[Mn_{0.5}Zn_{0.5}](Eu_xNd_xFe_{2-2x})O_4$ nanoferrites produced by modified sol-gel and ultrasonic methods, Ceramics International 46(6) (2020) 7346-7354. https://doi.org/10.1016/j.ceramint.2019.11.230 (Impact Factor: 3.830)	.96
N.A. Algarou, **Y. Slimani**, M.A. Almessiere, S. Güner, A. Baykal, I. Ercan, P. Kögerler, Exchange-coupling effect in hard/soft $SrTb_{0.01}Tm_{0.01}Fe_{11.98}O_{19}/AFe_2O_4$ (where A = Co, Ni, Zn, Cu and Mn) composites, Ceramics International 46(6) (2020) 7089-7098. https://doi.org/10.1016/j.ceramint.2019.11.201 (Impact Factor: 3.830)	.97
Sultan Akhtar, Suriya Rehman, Munirah A. Almessiere, Firdos Alam Khan, **Yassine Slimani**, Abdulhadi Baykal, Synthesis of $Mn_{0.5}Zn_{0.5}Sm_xEu_xFe_{1.8-2x}O_4$ Nanoparticles via the Hydrothermal Approach Induced Anti-Cancer and Anti-Bacterial Activities, Nanomaterials 9 (2019) 1635. https://doi.org/10.3390/nano9111635 (Impact Factor: 4.324)	.98
Huseyin Tombuloglu, **Yassine Slimani**, Thamer Alshammari, Guzin Tombuloglu, Munirah Almessiere, Abdulhadi Baykal, Ismail Ercan, Sezen Ozcelik, Tuna Demirci, Magnetic behavior and nutrient content analyses of barley (*Hordeum vulgare L.*) tissues upon $CoNd_{0.2}Fe_{1.8}O_4$ magnetic nanoparticle treatment, Journal of Soil Science and Plant Nutrition 20 (2020) 357–366. https://doi.org/10.1007/s42729-019-00115-x (Impact Factor: 2.156)	.99
M.A. Almessiere, **Y. Slimani**, A. Demir Korkmaz, A. Baykal, H. Albetran, Tawfik A. Saleh, M. Sertkol, I. Ercan, A study on the spectral, microstructural, and magnetic properties of Eu–Nd double-substituted $Ba_{0.5}Sr_{0.5}Fe_{12}O_{19}$ hexaferrites synthesized by an ultrasonic-assisted approach, Ultrasonics Sonochemistry 62 (2020) 104847. https://doi.org/10.1016/j.ultsonch.2019.104847 (Impact Factor: 7.279)	.100
Ghulam Yasin, Muhammad Arif, Tahira Mehtab, Muhammad Shakeel, Muhammad Asim Mushtaq, Anuj Kumar, Tuan Anh Nguyen, **Yassine Slimani**, M. Tariq Nazir, Huaihe Song, A Novel Strategy for the Synthesis of Hard Carbon Spheres Encapsulated with Graphene Networks as a Low-Cost and Large-Scalable Anode Material for Fast Sodium Storage with an Ultralong Cycle Life, Inorganic Chemistry Frontiers 7(2) (2020) 402-410. https://doi.org/10.1039/C9QI01105F (Impact Factor: 5.958)	.101
S. Güner, M.A. Almessiere, **Y. Slimani**, A. Baykal, I. Ercan, Microstructure, magnetic and optical properties of Nb^{3+} and Y^{3+} ions co-substituted Sr hexaferrites, Ceramics International 46(4) (2020) 4610-4618. https://doi.org/10.1016/j.ceramint.2019.10.191 (Impact Factor: 3.830)	.102
M.A. Almessiere, **Y. Slimani**, A. Demir Korkmaz, S. Güner, A. Baykal, S.E. Shirsath, I. Ercan, P. Kögerler, Sonochemical synthesis of Dy^{3+} substituted $Mn_{0.5}Zn_{0.5}Fe_{2-x}O_4$ nanoparticles: structural, magnetic and optical characterizations, Ultrasonics Sonochemistry 61 (2020) 104836. https://doi.org/10.1016/j.ultsonch.2019.104836 (Impact Factor: 7.279)	.103

M. Almessiere, B. Ünal, **Y. Slimani**, A.D. Korkmaz, A. Baykal, I. Ercan, Electrical properties of La^{3+} and Y^{3+} ions substituted $Ni_{0.3}Cu_{0.3}Zn_{0.4}Fe_2O_4$ nanospinel ferrites, Results in Physics 15 (2019) 102755. https://doi.org/10.1016/j.rinp.2019.102755 (Impact Factor: 4.019)	.104
M.A. Almessiere, **Y. Slimani**, A. Demir Korkmaz, S. Güner, A.A. Maarouf, A. Baykal, Comparative study of sonochemically synthesized Co-Zr and Ni-Zr substituted Sr-hexaferrites: Magnetic and structural investigations, Journal of Magnetism and Magnetic Materials 497 (2020) 165996. https://doi.org/10.1016/j.jmmm.2019.165996 (Impact Factor: 2.717)	.105
M.A. Almessiere, **Y. Slimani**, H. Gungunes, M. Sertkol, M. Nawaz, N.A. Algarou, A. Baykal, I. Ercan, Tb^{3+} substituted strontium hexaferrites: structural, magnetic and optical investigation and cation distribution, Journal of Rare Earths 38(4) (2020) 402-410. https://doi.org/10.1016/j.jre.2019.06.007 (Impact Factor: 3.104)	.106
Huseyin Tombuloglu, **Yassine Slimani**, Guzin Tombuloglu, Munireh Almessiere, Abdulhadi Baykal, Ismail Ercan, Khalid Rahman Hakeem, Impact of calcium and magnesium substituted strontium nano-hexaferrite on mineral uptake, magnetic character and physiology of barley (Hordeum vulgare L.), Ecotoxicology and Environmental Safety 186 (2019) 109751. https://doi.org/10.1016/j.ecoenv.2019.109751 (Impact Factor: 4.872)	.107
B. Ünal, M. Almessiere, A. Demir Korkmaz, **Y. Slimani**, A. Baykal, Effect of thulium substitution on conductivity and dielectric belongings of nanospinel cobalt ferrite, Journal of Rare Earths 38(10) (2019) 1103-1113. https://doi.org/10.1016/j.jre.2019.09.011 (Impact Factor: 3.104)	.108
M. A. Almessiere, **Y. Slimani**, A. Demir Korkmaz, A. Baykal, H. Güngüneş, H. Sözeri, Sagar E. Shirsath, S. Güner, S. Akhtar, A. Manikandan, Impact of La^{3+} and Y^{3+} ion substitutions on structural, magnetic and microwave properties of $Ni_{0.3}Cu_{0.3}Zn_{0.4}Fe_2O_4$ nanospinel ferrites synthesized via sonochemical route, RSC Advances 9 (2019) 30671-30684. https://doi.org/10.1039/C9RA06353F (Impact Factor: 3.119)	.109
M.A. Almessiere, **Y. Slimani**, H. Güngüneş, A. Baykal, Co-substitution of zirconium and neodymium on hyperfine interactions and AC susceptibility of $SrFe_{12}O_{19}$ nanohexaferrites, Journal of Rare Earths 38(3) (2019) 265-273. https://doi.org/10.1016/j.jre.2019.04.018 (Impact Factor: 3.104)	.110
E. Hannachi, M.A. Almessiere, **Y. Slimani**, A. Baykal, F. Ben Azzouz, AC susceptibility investigation of YBCO superconductor added by carbon nanotubes, Journal of Alloys and Compounds 812 (2020) 152150. https://doi.org/10.1016/j.jallcom.2019.152150 (Impact Factor: 4.650)	.111
M. A. Almessiere, **Y. Slimani**, E. Hannachi, R. Algarni, F. Ben Azzouz, Impact of Dy_2O_3 nanoparticles additions on the properties of porous YBCO ceramics, Journal of Materials Science: Materials in Electronics 30(19) (2019) 17572–17582. https://doi.org/10.1007/s10854-019-02106-1 (Impact Factor: 2.324)	.112
Y. Slimani, M.A. Almessiere, A. Demir Korkmaz, S. Guner, H. Güngüneş, M. Sertkol, A. Manikandan, A. Yildiz, S. Akhtar, Sagar E. Shirsath, A. Baykal, $Ni_{0.4}Cu_{0.2}Zn_{0.4}Tb_xFe_{2-x}O_4$ nanospinel ferrites: Ultrasonic synthesis and physical properties, Ultrasonics Sonochemistry 59 (2019) 104757. https://doi.org/10.1016/j.ultsonch.2019.104757 (Impact Factor: 7.279)	.113
Y. Slimani, M.A. Almessiere, E. Hannachi, A. Manikandan, R. Algarni, A. Baykal, F. Ben Azzouz, Flux pinning properties of YBCO added by WO_3 nanoparticles, Journal of Alloys and Compounds 810 (2019) 151884. https://doi.org/10.1016/j.jallcom.2019.151884 (Impact Factor: 4.650)	.114
B. Unal, M. Almessiere, **Y. Slimani**, A. Baykal, A.V. Trukhanov, I. Ercan, The conductivity and dielectric properties of Neobium substituted Sr-hexaferrites, Nanomaterials 9(8) (2019) 1168. https://doi.org/10.3390/nano9081168 (Impact Factor: 4.324)	.115
M. A. Almessiere, **Y. Slimani**, A. D. Korkmaz, H. Gungunes, M. Nawaz, Sagar E. Shirsath, A. Baykal, I. Ercan, Ca^{2+}/Mg^{2+} co-substituted strontium nanohexaferrites: magnetic investigation and Mossbauer analysis, Journal of Sol-Gel Science and Technology 92(1) (2019) 239-251. https://doi.org/10.1007/s10971-019-05091-3 (Impact Factor: 2.008)	.116
A. Sadaqat, M.A. Almessiere, **Y. Slimani**, S. Guner, M. Sertkol, H. Albetran, A. Baykal, Sagar E. Shirsath, B. Ozcelik, I. Ercan, Structural, optical and magnetic properties of Tb^{3+} substituted Co nanoferrites prepared via sonochemical approach, Ceramics International 45(17) (2019) 22538-22546. https://doi.org/10.1016/j.ceramint.2019.07.280 (Impact Factor: 3.830)	.117

Munirah Abdullah Almessiere, **Yassine Slimani**, Abdulhadi Baykal, Synthesis and characterization of $Co_{1-2x}Ni_xMn_xCe_yFe_{2-y}O_4$ nanoparticles, Journal of Rare Earths 38 (2020) 188-194. https://doi.org/10.1016/j.jre.2019.07.005 (Impact Factor: 3.104)	.118
Y. Slimani, M.A. Almessiere, E. Hannachi, F.O. Al-qwairi, A. Manikandan, A. Baykal, F. Ben Azzouz, AC susceptibility, DC magnetization and superconducting properties of tungsten oxide nanowires added $YBa_2Cu_3O_y$, Ceramics International 45(17) (2019) 21864-21869. https://doi.org/10.1016/j.ceramint.2019.07.196 (Impact Factor: 3.830)	.119
M.A. Almessiere, H. Sözeri, A.V. Trukhanov, **Y. Slimani**, S. Ali, E. Acar, A. Baykal, Tb^{3+} ion substituted Sr-hexaferrites as high quality microwave absorbers, Journal of Magnetism and Magnetic Materials 491 (2019) 165595. https://doi.org/10.1016/j.jmmm.2019.165595 (Impact Factor: 2.717)	.120
M.A. Almessiere, **Y. Slimani**, N.A. Tashkandi, H. Güngüneş, M. Sertkol, M. Nawaz, S. Ali, A. Baykal, I. Ercan, Tailored microstructures, optical and magnetic qualities of strontium hexaferrites: Consequence of Tm^{3+} and Tb^{3+} ions Co-substitution, Ceramics International 45(17) (2019) 21385-21394. https://doi.org/10.1016/j.ceramint.2019.07.126 (Impact Factor: 3.830)	.121
M. Mumtaz, Tanzeel-ul-Rehman, M. Waqee-ur-Rehman, **Y. Slimani**, Nawazish A. Khan, Jahn-Teller Distortions and Infield Superconductivity of CuTl-1223 Phase, Journal of Superconductivity and Novel Magnetism 33 (2020) 331–336. https://doi.org/10.1007/s10948-019-05201-w (Impact Factor: 1.182)	.122
Y. Slimani, A. Selmi, E. Hannachi, M. A. Almessiere, M. Mumtaz, A. Baykal, I. Ercan, Study of tungsten oxide effect on the performance of $BaTiO_3$ ceramics, Journal of Materials Science: Materials in Electronics 30(14) (2019) 13509–13518. https://doi.org/10.1007/s10854-019-01718-x (Impact Factor: 2.324)	.123
M.A. Almessiere, B. Unal, **Y. Slimani**, A. Demir Korkmaz, N.A. Algarou, A. Baykal, Electrical and dielectric properties of Nb^{3+} ions substituted Ba-hexaferrites, Results in Physics 14 (2019) 102468. https://doi.org/10.1016/j.rinp.2019.102468 (Impact Factor: 4.019)	.124
M.A. Almessiere, **Y. Slimani**, S. Guner, M. Sertkol, A. Demir Korkmaz, Sagar E. Shirsath, A. Baykal, Sonochemical Synthesis and Physical Properties of $Co_{0.3}Ni_{0.5}Mn_{0.2}Eu_xFe_{2-x}O_4$ nano-spinel ferrites, Ultrasonics Sonochemistry 58 (2019) 104654. https://doi.org/10.1016/j.ultsonch.2019.104654 (Impact Factor: 7.279)	.125
M.A. Almessiere, **Y. Slimani**, U. Kurtan, S. Guner, M. Sertkol, Sagar E. Shirsath, S. Akhtar, A. Baykal, I. Ercan, Structural, magnetic, optical properties and cation distribution of nanosized $Co_{0.7}Zn_{0.3}Tm_xFe_{2-x}O_4$ ($0.0 \le x \le 0.04$) spinel ferrites synthesized by ultrasonic irradiation, Ultrasonics Sonochemistry 58 (2019) 104638. https://doi.org/10.1016/j.ultsonch.2019.104638 (Impact Factor: 7.279)	.126
E. Hannachi, **Y. Slimani**, A. Ekicibil, A. Manikandan, F. Ben Azzouz, Excess conductivity and AC susceptibility studies of Y-123 superconductor added with TiO_2 nano-wires, Materials Chemistry and Physics 235 (2019) 121721. https://doi.org/10.1016/j.matchemphys.2019.121721 (Impact Factor: 3.408)	.127
M. A. Almessiere, Y. Slimani, A. Demir Korkmaz, M. Sertkol, A. Baykal, I. Ercan, B. Özçelik, Sonochemical Synthesis of $CoFe_{2-x}Nd_xO_4$ Nanoparticles: Structural, Optical, and Magnetic Investigation, Journal of Superconductivity and Novel Magnetism 32(12) (2019) 3837–3844. https://doi.org/10.1007/s10948-019-05147-z (Impact Factor: 1.182)	.128
Munirah Abdullah Almessiere, **Y. Slimani**, H. Güngüneş, S. Ali, A. Manikandan, I. Ercan, A. Baykal, A.V. Trukhanov, Magnetic Attributes of $NiFe_2O_4$ Nanoparticles: Influence of Dysprosium Ions (Dy^{3+}) Substitution, Nanomaterials 9 (2019) 820. https://doi.org/10.3390/nano9060820 (Impact Factor: 4.324)	.129
M.A. Almessiere, **Y. Slimani**, A.D. Korkmaz, N. Taskhandi, M. Sertkol, A. Baykal, Sagar E. Shirsath, İ. Ercan, B. Ozçelik, Sonochemical synthesis of Eu^{3+} substituted $CoFe_2O_4$ nanoparticles and their structural, optical and magnetic properties, Ultrasonics Sonochemistry 58 (2019) 104621. https://doi.org/10.1016/j.ultsonch.2019.104621 (Impact Factor: 7.279)	.130
M.A. Almessiere, **Y. Slimani**, S. Guner, M. Nawaz, A. Baykal, F. Aldakheel, A. Sadaqat, I. Ercan, Effect of Nb substitution on magneto-optical properties of $Co_{0.5}Mn_{0.5}Fe_2O_4$ nanoparticles, Journal of Molecular Structure 1195 (2019) 269-279. https://doi.org/10.1016/j.molstruc.2019.05.075 (Impact Factor: 2.463)	.131
M.A. Almessiere, **Y. Slimani**, M. Sertkol, F.A. Khan, M. Nawaz, H. Tombuloglu, E.A. Al-Suhaimi, A. Baykal, Ce–Nd Co-substituted nanospinel cobalt ferrites: An investigation of their structural, magnetic, optical, and apoptotic properties, Ceramics International 45(13) (2019) 16147-16156. https://doi.org/10.1016/j.ceramint.2019.05.133 (Impact Factor: 3.830)	.132

M. Nawaz, M.A. Almessiere, S.A. Almofty, C.D. Gungunes, **Y. Slimani**, A. Baykal, Exploration of catalytic and cytotoxicity activities of $Ca_xMg_xNi_{1-2x}Fe_2O_4$ nanoparticles, Journal of Photochemistry and Photobiology B: Biology 196 (2019) 111506. https://doi.org/10.1016/j.jphotobiol.2019.05.003 (Impact Factor: 4.383)	.133
M.A. Almessiere, **Y. Slimani**, S. Güner, J. van Leusen, A. Baykal, P. Kögerler, Effect of Nb^{3+} ion substitution on the magnetic properties of $SrFe_{12}O_{19}$ hexaferrites, Journal of Materials Science: Materials in Electronics 30(12) (2019) 11181-11192. https://doi.org/10.1007/s10854-019-01464-0 (Impact Factor: 2.324)	.134
Y. Slimani, M.A. Almessiere, M. Sertkol, Sagar E. Shirsath, A. Baykal, M. Nawaz, S. Akhtar, B. Ozcelik, I. Ercan, Structural, magnetic, optical properties and cation distribution of nanosized $Ni_{0.3}Cu_{0.3}Zn_{0.4}Tm_xFe_{2-x}O_4$ ($0.0 \leq x \leq 0.10$) spinel ferrites synthesized by ultrasound irradiation, Ultrasonics Sonochemistry 57 (2019) 203-211. https://doi.org/10.1016/j.ultsonch.2019.05.001 (Impact Factor: 7.279)	.135
K. Seevakan, A. Manikandan, P. Devendran, **Y. Slimani**, A. Baykal, T. Alagesan, Structural, magnetic and electrochemical characterizations of $Bi_2Mo_2O_9$ nanoparticle for supercapacitor application, Journal of Magnetism and Magnetic Materials 486 (2019) 165254. https://doi.org/10.1016/j.jmmm.2019.165254 (Impact Factor: 3.046)	.136
H. Tombuloglu, **Y. Slimani**, H. Güngüneş, G. Tombuloglu, M. A. Almessiere, H. Sozeri, A. Baykal, I. Ercan, Tracking of SPIONs in Barley (*Hordeum vulgare L.*) Plant Organs During its Growth, Journal of Superconductivity and Novel Magnetism 32 (2019) 3285–3294. https://doi.org/10.1007/s10948-019-5059-7 (Impact Factor: 1.182)	.137
Y. Slimani, A. Selmi, E. Hannachi, M. A. Almessiere, A. Baykal, I. Ercan, Impact of ZnO addition on structural, morphological, optical, dielectric and electrical performances of $BaTiO_3$ ceramics, Journal of Materials Science: Materials in Electronics 30(10) (2019) 9520-9530. https://doi.org/10.1007/s10854-019-01284-2 (Impact Factor: 2.324)	.138
Y. Slimani, M.A. Almessiere, S. Güner, N.A. Tashkandi, A. Baykal, M.F. Sarac, M. Nawaz, I. Ercan, Calcination effect on the magneto-optical properties of Vanadium substituted $NiFe_2O_4$ nanoferrites, Journal of Materials Science: Materials in Electronics 30(10) (2019) 9143–9154. https://doi.org/10.1007/s10854-019-01243-x (Impact Factor: 2.324)	.139
E. Hannachi, **Y. Slimani**, A. Ekicibil, A. Manikandan, F. Ben Azzouz, Magneto-resistivity and magnetization investigations of YBCO superconductor added by nano-wires and nano-particles of titanium oxide, Journal of Materials Science: Materials in Electronics 30(9) (2019) 8805–8813. https://doi.org/10.1007/s10854-019-01205-3 (Impact Factor: 2.324)	.140
M.A. Almessiere, **Y. Slimani**, M. Sertkol, M. Nawaz, A. Baykal, I. Ercan, The impact of Zr substituted Sr hexaferrite: Investigation on structure, optic and magnetic properties, Results in Physics 13 (2019) 102244. https://doi.org/10.1016/j.rinp.2019.102244 (Impact Factor: 4.019)	.141
Huseyin Tombuloglu, **Yassine Slimani**, Guzin Tombuloglu, Munirah Almessiere, Abdulhadi Baykal, Ismail Ercan, Hüseyin Sozeri, Tracking of $NiFe_2O_4$ nanoparticles in barley (*Hordeum vulgare L.*) and their impact on plant growth, biomass, pigmentation, catalase activity, and mineral uptake, Environmental Nanotechnology, Monitoring and Management 11 (2019) 100223. https://doi.org/10.1016/j.enmm.2019.100223	.142
Y. Slimani, B. Unal, E. Hannachi, A. Selmi, M.A. Almessiere, M. Nawaz, A. Baykal, I. Ercan, M. Yildiz, Frequency and dc bias voltage dependent dielectric properties and electrical conductivity of $BaTiO_3$-$SrTiO_3$/$(SiO_2)_x$ nanocomposites, Ceramics International 45 (2019) 11989-12000. https://doi.org/10.1016/j.ceramint.2019.03.092 (Impact Factor: 3.830)	.143
Munirah. A. Almessiere, **Yassine Slimani**, Murat Sertkol, Muhammed Nawaz, Ali Sadaqat, Abdulhadi Baykal, Ismail Ercan, Bekir Ozçelik, Effect of Nb^{3+} Substitution on the Structural, Magnetic, and Optical Properties of $Co_{0.5}Ni_{0.5}Fe_2O_4$ Nanoparticles, Nanomaterials 9 (2019) 430. https://doi.org/10.3390/nano9030430 (Impact Factor: 4.324)	.144
Huseyin Tombuloglu, **Yassine Slimani**, Guzin Tombuloglu, Munireh Almessiere, Abdulhadi Baykal, Uptake and translocation of magnetite (Fe_3O_4) nanoparticles and its impact on photosynthetic genes in barley (*Hordeum vulgare L.*), Chemosphere 226 (2019) 110-122. https://doi.org/10.1016/j.chemosphere.2019.03.075 (Impact Factor: 5.778)	.145
Huseyin Tombuloglu, **Yassine Slimani**, Guzin Tombuloglu, Ayse Demir Korkmaz, Abdulhadi Baykal, Munirah Almessiere, Ismail Ercan, Impact of superparamagnetic iron oxide nanoparticles (SPIONs) and ionic iron on	.146

physiology of summer squash (*Cucurbita pepo*): a comparative study, Plant Physiology and Biochemistry 139 (2019) 56-65. https://doi.org/10.1016/j.plaphy.2019.03.011 (Impact Factor: 3.720)	
M.A. Almessiere, **Y. Slimani**, H. Güngüneş, A. Baykal, N.A. Alhamed, A.V. Trukhanov, S.V. Trukhanov, Structure, Mössbauer and AC Susceptibility of Strontium Nanohexaferrites: Effect of Vanadium Ions Doping, Ceramics International 45 (2019) 11615-11624. https://doi.org/10.1016/j.ceramint.2019.03.033 (Impact Factor: 3.830)	.147
M.A. Almessiere, **Y. Slimani**, H. Gungunes, A. Manikandan, A. Baykal, Investigation of the effects of Tm^{3+} on the structural, microstructural, optical, and magnetic properties of Sr hexaferrites, Results in Physics 13 (2019) 102166. https://doi.org/10.1016/j.rinp.2019.102166 (Impact Factor: 4.019)	.148
A.V. Trukhanov, M.A. Almessiere, A. Baykal, S.V. Trukhanov, **Y. Slimani**, D.A. Vinnik, V.E. Zhivulin, A. Yu. Starikov, D.S. Klygach, M.G. Vakhitov, T.I. Zubar, D.I. Tishkevich, E.L. Trukhanova, M. Zdorovets, Influence of the charge ordering and quantum effects in heterovalent substituted hexaferrites on their microwave characteristics, Journal of Alloys and Compounds 788 (2019) 1193-1202. https://doi.org/10.1016/j.jallcom.2019.02.303 (Impact Factor: 4.650)	.149
M.A. Almessiere, **Y. Slimani**, A.D. Korkmaz, S. Guner, M. Sertkol, Sagar E. Shirsath, A. Baykal, Structural, optical and magnetic properties of Tm^{3+} substituted cobalt spinel ferrites synthesized via sonochemical approach, Ultrasonics Sonochemistry 54 (2019) 1-10. https://doi.org/10.1016/j.ultsonch.2019.02.022 (Impact Factor: 7.279)	.150
M.A. Almessiere, **Y. Slimani**, H. Güngüneş, S. Ali, A. Baykal, I. Ercan, AC susceptibility and hyperfine interactions of Mg-Ca ions co-substituted $BaFe_{12}O_{19}$ nanohexaferrites, Ceramics International 45 (2019) 10048-10055. https://doi.org/10.1016/j.ceramint.2019.02.050 (Impact Factor: 3.830)	.151
M. A. Almessiere, **Y. Slimani**, S. Güner, A. Baykal, I Ercan, Effect of dysprosium substitution on magnetic and structural properties of $NiFe_2O_4$nanoparticles, Journal of Rare Earths 37(8) (2019) 871-878. https://doi.org/10.1016/j.jre.2018.10.009 (Impact Factor: 3.104)	.152
Munirah Abdullah Almessiere, Alex V. Trukhanov, **Yassine Slimani**, K.Y. You, Sergei V. Trukhanov, Ekaterina L. Trukhanova, F. Esa, A. Sadaqati, K. Chaudhary, Maxim Zdorovets, Abdulhadi Baykal, Correlation Between Composition and Electrodynamics Properties in Nanocomposites Based on Hard/Soft Ferrimagnetics with Strong Exchange Coupling, Nanomaterials 9 (2019) 202. https://doi.org/10.3390/nano9020202 (Impact Factor: 4.324)	.153
K. Elayakumar, A. Manikandan, A. Dinesh, K. Thanrasu, K. Kanmani Raja, R. Thilak Kumar, **Y. Slimani**, S.K. Jaganathangh, A. Baykal, Enhanced magnetic property and antibacterial biomedical activity of Ce^{3+} doped $CuFe_2O_4$ spinel nanoparticles synthesized by sol-gel method, Journal of Magnetism and Magnetic Materials 478 (2019) 140-147. https://doi.org/10.1016/j.jmmm.2019.01.108 (Impact Factor: 3.046)	.154
M.A. Almessiere, **Y. Slimani**, S. Güner, M. Nawaz, A. Baykal, F. Aldakheel, S. Akhtar, I. Ercan, İ. Belenli, B. Ozçelik, Magnetic and structural characterization of Nb^{3+}-substituted $CoFe_2O_4$ nanoparticles, Ceramics International 45 (2019) 8222-8232. https://doi.org/10.1016/j.ceramint.2019.01.125 (Impact Factor: 3.830)	.155
M.A. Almessiere, **Y. Slimani**, H.S. EL Sayed, A. Baykal, Morphology and magnetic traits of strontium nanohexaferrites: Effects of manganese/yttrium co-substitution, Journal of Rare Earths 37(7) (2019) 732-740. https://doi.org/10.1016/j.jre.2018.09.014 (Impact Factor: 3.104)	.156
Y. Slimani, M.A. Almessiere, E. Hannachi, M. Mumtaz, A. Manikandan, A. Baykal, F. Ben Azzouz, Improvement of flux pinning ability by tungsten oxide nanoparticles added in $YBa_2Cu_3O_y$ superconductor, Ceramics International 45 (2019) 6828-6835. https://doi.org/10.1016/j.ceramint.2018.12.176 (Impact Factor: 3.830)	.157
Munirah Almessiere, **Yassine Slimani**, Hakan Güngüneş, Abdulhadi Baykal, S.V. Trukhanov, A.V. Trukhanov, Manganese/Yttrium Co-doped Strontium Nanohexaferrites: Evaluation of Magnetic Susceptibility and Mossbauer Spectra, Nanomaterials 9 (2019) 24. https://doi.org/10.3390/nano9010024 (Impact Factor: 4.324)	.158
M.A. Almessiere, **Y. Slimani**, S. Ali, A. Baykal, I. Ercan, H. Sozeri, Nd^{3+} ion substituted $Co_{1-2x}Ni_xMn_xFe_{2-y}O_4$ nanoparticles: Structural, morphological and magnetic investigations, Journal of Inorganic and Organometallic Polymers and Materials 29 (2019) 783-791. https://doi.org/10.1007/s10904-018-1052-z (Impact Factor: 1.941)	.159
Y. Slimani, M.A. Almessiere, M. Nawaz, A. Baykal, S. Akhtar, I. Ercan, I. Belenli, Effect of bimetallic (Ca, Mg) substitution on magneto-optical properties of $NiFe_2O_4$ nanoparticles, Ceramics International 45 (2019) 6021-6029. https://doi.org/10.1016/j.ceramint.2018.12.072 (Impact Factor: 3.830)	.160

Y. Slimani, E. Hannachi, A. Ekicibil, M. A. Almessiere, F. Ben Azzouz, Investigation of the impact of nano-sized wires and particles TiO_2 on Y-123 superconductor performance, Journal of Alloys and Compounds 43 (2019) 664-673. https://doi.org/10.1016/j.jallcom.2018.12.062 (Impact Factor: 4.650)	.161
M.A. Almessiere, A.D. Korkmaz, **Y. Slimani**, M. Nawaz, S. Ali, A. Baykal, Magneto-optical properties of Rare Earth metals substituted Co-Zn spinel nanoferrites, Ceramics International 45 (2019) 3449-3458. https://doi.org/10.1016/j.ceramint.2018.10.260 (Impact Factor: 3.830)	.162
Y. Slimani, M.A. Almessiere, E. Hannachi, A. Baykal, A. Manikandan, M. Mumtaz, F. Ben Azzouz, Influence of WO_3 nanowires on structural, morphological and flux pinning ability of $YBa_2Cu_3O_y$ superconductor, Ceramics International 45 (2019) 2621-2628. https://doi.org/10.1016/j.ceramint.2018.10.201 (Impact Factor: 3.830)	.163
M. A. Almessiere, **Y. Slimani**, N.A. Tashkandi, A. Baykal, M.F. Saraç, A.V. Trukhanov, İ. Ercan, İ. Belenli, B. Ozçelik, The effect of Nb substitution on magnetic properties of $BaFe_{12}O_{19}$ nanohexaferrites, Ceramics International 45 (2019) 1691-1697. https://doi.org/10.1016/j.ceramint.2018.10.048 (Impact Factor: 3.830)	.164
M. A. Almessiere, **Y. Slimani**, A. Baykal, Impact of Nd-Zn co-substitution on microstructure and magnetic properties of $SrFe_{12}O_{19}$ nanohexaferrite, Ceramics International 45 (2019) 963-969. https://doi.org/10.1016/j.ceramint.2018.09.272 (Impact Factor: 3.830)	.165
M. A. Almessiere, **Y. Slimani**, H. S. El Sayed, A. Baykal, I. Ercan, Microstructural and magnetic investigation of vanadium-substituted Sr-nanohexaferrite, Journal of Magnetism and Magnetic Materials 471 (2019) 124-132. https://doi.org/10.1016/j.jmmm.2018.09.054 (Impact Factor: 3.046)	.166
M. A. Almessiere, **Y. Slimani**, H. S. El Sayed, A. Baykal, Ca^{2+} and Mg^{2+} incorporated barium hexaferrites: structural and magnetic properties, Journal of Sol-Gel Science and Technology 88 (2018) 628-638. https://doi.org/10.1007/s10971-018-4853-1 (Impact Factor: 2.008)	.167
Huseyin Tombuloglu, Guzin Tombuloglu, **Yassine Slimani**, Ismail Ercan, Huseyin Sozeri, Abdulhadi Baykal, Impact of Manganese ferrite ($MnFe_2O_4$) nanoparticles on growth and magnetic character of barley (*Hordeum vulgare L.*), Environmental Pollution 243 (2018) 872-881. https://doi.org/10.1016/j.envpol.2018.08.096 (Impact Factor: 6.792)	.168
M. A. Almessiere, **Y. Slimani**, H. S. El Sayed, A. Baykal, S. Ali, I. Ercan, Investigation of Microstructural and Magnetic Properties of $BaV_xFe_{12-x}O_{19}$ Nanohexaferrites, Journal of Superconductivity and Novel Magnetism 32(5) (2019) 1437-1445. https://doi.org/10.1007/s10948-018-4856-8 (Impact Factor: 1.182)	.169
Y. Slimani, E. Hannachi, A. Hamrita, M.K. Ben Salem, F. Ben Azzouz, A. Manikandan, M. Ben Salem, Comparative investigation of the ball milling role against hand grinding on microstructure, transport and pinning properties of $Y_3Ba_5Cu_8O_{18\pm\delta}$ and $YBa_2Cu_3O_{7-\delta}$, Ceramics International 44 (2018) 19950-19957. https://doi.org/10.1016/j.ceramint.2018.07.261 (Impact Factor: 3.830)	.170
K. Seevakan, A. Manikandan, P. Devendran, **Y. Slimani**, A. Baykal, T. Alagesan, Structural, morphological and magneto-optical properties of $CuMoO_4$ electrochemical nanocatalyst as supercapacitor electrode, Ceramics International 44 (2018) 20075-20083. https://doi.org/10.1016/j.ceramint.2018.07.282 (Impact Factor: 3.830)	.171
E. Hannachi, **Y. Slimani**, F. Ben Azzouz, A. Ekicibil, Higher intra-granular and inter-granular performances of YBCO superconductor with TiO_2 nano-sized particles addition, Ceramics International 44 (2018) 18836-18843. https://doi.org/10.1016/j.ceramint.2018.07.118 (Impact Factor: 3.830)	.172
M. A. Almessiere, **Y. Slimani**, A. Baykal, Structural, morphological and magnetic properties of hard/soft $SrFe_{12-x}V_xO_{19}/(Ni_{0.5}Mn_{0.5}Fe_2O_4)_y$ nanocomposites: Effect of vanadium substitution, Journal of Alloys and Compounds 767 (2018) 966-975. https://doi.org/10.1016/j.jallcom.2018.07.212 (Impact Factor: 4.650)	.173
M. A. Almessiere, **Y. Slimani**, H. Güngüneş, H. S. El Sayed, A. Baykal, AC Susceptibility and Hyperfine Interactions of Vanadium Substituted Barium Nanohexaferrites, Ceramics International 44 (2018) 17749-17758. https://doi.org/10.1016/j.ceramint.2018.06.242 (Impact Factor: 3.830)	.174
A.D. Korkmaz, S. Güner, **Y. Slimani**, H. Gungunes, Md. Amir, A. Manikandan, A. Baykal, Microstructural, Optical, and Magnetic Properties of Vanadium-Substituted Nickel Spinel Nanoferrites, Journal of Superconductivity and Novel Magnetism 32(4) (2019) 1057-1065. https://doi.org/10.1007/s10948-018-4793-6 (Impact Factor: 1.182)	.175
Y. Slimani, A. Baykal, Md. Amir, N. Tashkandi, H. Güngüneş, S. Guner, H.S. El Sayed, F. Aldakheel, T.A. Saleh, A. Manikandan, Substitution effect of Cr^{3+} on hyperfine interactions, magnetic and optical properties of Sr-hexaferrites, Ceramics International 44 (2018) 15995-16004. https://doi.org/10.1016/j.ceramint.2018.06.033 (Impact Factor: 3.830)	.176

M.A. Almessiere, **Y. Slimani**, A. Baykal, Exchange spring magnetic behavior of $Sr_{0.3}Ba_{0.4}Pb_{0.3}Fe_{12}O_{19}/(CuFe_2O_4)_x$ nanocomposites fabricated by a one-pot citrate sol-gel combustion method, Journal of Alloys and Compounds 762 (2018) 389–397. https://doi.org/10.1016/j.jallcom.2018.05.232 (Impact Factor: 4.650)	.177
Y. Slimani, E. Hannachi, F. Ben Azzouz, M. Ben Salem, Comparative study of the effect of magnetic nanoparticle $CoFe_2O_4$ on fluctuation induced conductivity of Y-123 and Y-358 superconductors, Journal of Superconductivity and Novel Magnetism 32 (2019) 511-519. https://doi.org/10.1007/s10948-018-4746-0 (Impact Factor: 1.182)	.178
Md Amir, H. Gungunes, **Y. Slimani**, N. Tashkandi, H.S. El Sayed, F. Aldakheel, M. Sertkol, H. Sozeri, A. Manikandan, I. Ercan, A. Baykal, Mossbauer studies and magnetic properties of cubic $CuFe_2O_4$ nanoparticles, Journal of Superconductivity and Novel Magnetism 32 (2019) 557-564. https://doi.org/10.1007/s10948-018-4733-5 (Impact Factor: 1.182)	.179
Y. Slimani, H. Güngüneş, M. Nawaz, A. Manikandan, H.S. El Sayed, M.A. Almessiere, H. Sözeri, S.E. Shirsath, I. Ercan, A. Baykal, Magneto-optical and microstructural properties of spinel cubic copper ferrites with Li-Al co-substitution, Ceramics International 44 (2018) 14242-14250. https://doi.org/10.1016/j.ceramint.2018.05.028 (Impact Factor: 3.830)	.180
Y. Slimani, M.A. Almessiere, A. Baykal, AC susceptibility study of Cu substituted $BaFe_{12}O_{19}$ nanohexaferrites, Ceramics International 44 (2018) 13097-13105. https://doi.org/10.1016/j.ceramint.2018.04.130 (Impact Factor: 3.830)	.181
M.A. Almessiere, **Y. Slimani**, H.S. El Sayed, A. Baykal, Structural and magnetic properties of Ce-Y substituted Strontium nanohexaferrites, Ceramics International 44 (2018) 12511-12519. https://doi.org/10.1016/j.ceramint.2018.04.045 (Impact Factor: 3.830)	.182
M.A. Almessiere, **Y. Slimani**, H.S. El Sayed, A. Baykal, Ce-Y co-substituted Strontium nanohexaferrites: AC susceptibility and Mossbauer studies, Ceramics International 44 (2018) 12520-12527. https://doi.org/10.1016/j.ceramint.2018.04.046 (Impact Factor: 3.830)	.183
Y. Slimani, E. Hannachi, F. Ben Azzouz, M. Ben Salem, Impact of planetary ball milling parameters on the microstructure and pinning properties of polycrystalline superconductor $Y_3Ba_5Cu_8O_y$, Cryogenics 92 (2018) 5–12. https://doi.org/10.1016/j.cryogenics.2018.03.010 (Impact Factor: 1.818)	.184
R. A. Al-Mohsin, A. L. Al-Otaibi, M. A. Almessiere, H. Al-badairy, **Y. Slimani**, F. Ben Azzouz, Comparison of the microstructure and flux pinning properties of polycrystalline $YBa_2Cu_3O_{7-d}$ containing $Zn_{0.95}Mn_{0.05}O$ or Al_2O_3 nanoparticles, Journal of Low Temperature Physics 192 (2018) 100-116. https://doi.org/10.1007/s10909-018-1895-2 (Impact Factor: 1.491)	.185
Y. Slimani, A. Baykal, A. Manikandan, Effect of Cr^{3+} substitution on AC susceptibility of Ba hexaferrite nanoparticles, Journal of Magnetism and Magnetic Materials 458 (2018) 204-212. https://doi.org/10.1016/j.jmmm.2018.03.025 (Impact Factor: 3.046)	.186
M.A. Almessiere, **Y. Slimani**, H. Güngüneş, H.S. El Sayed, A. Baykal, AC susceptibility and Mossbauer study of Ce^{3+} ion substituted $SrFe_{12}O_{19}$ nanohexaferrites, Ceramics International 44 (2018) 10470-10477. https://doi.org/10.1016/j.ceramint.2018.03.064 (Impact Factor: 3.830)	.187
M.A. Almessiere, **Y. Slimani**, A. Baykal, Structural and magnetic properties of Ce-doped Strontium hexaferrite Ceramics International 44 (2018) 9000-9008. https://doi.org/10.1016/j.ceramint.2018.02.101 (Impact Factor: 3.830)	.188
Y. Slimani, E. Hannachi, M.K. Ben Salem, F. Ben Azzouz, M. Ben Salem, Comparative study of electrical transport and magnetic measurements of $Y_3Ba_5Cu_8O_{18\pm\delta}$ and $YBa_2Cu_3O_{7-\delta}$ compounds: intragranular and intergranular superconducting properties, Applied Physics A - Materials Science & Processing 124 (2018) 91. https://doi.org/10.1007/s00339-017-1547-4 (Impact Factor: 1.784)	.189
M.K. Ben Salem, **Y. Slimani**, E. Hannachi, F. Ben Azzouz, M. Ben Salem, Bi-based superconductors prepared with addition of $CoFe_2O_4$ for the design of a magnetic probe, Cryogenics 89 (2018) 53–57. https://doi.org/10.1016/j.cryogenics.2017.11.005 (Impact Factor: 1.465)	.190
Y. Slimani, E. Hannachi, M. Zouaoui, F. Ben Azzouz, M. Ben Salem, Excess conductivity investigation of $Y_3Ba_5Cu_8O_{18\pm\delta}$ superconductors prepared by various parameters of planetary ball-milling technique, Journal of Superconductivity and Novel Magnetism 31 (2018) 2339-2348. https://doi.org/10.1007/s10948-017-4491-9 (Impact Factor: 1.182)	.191

M. A. Almessiere, S. Dabagh, **Y. Slimani**, K. Chaudhary, J. Ali, A. Baykal, Investigation of Structural and Magnetic Properties on $Mg_{1-x}Zn_xFe_{2-x}Al_xO_4$ ($0.0 \le x \le 0.8$) Nanoparticles, Journal of Inorganic and Organometallic Polymers and Materials 28 (2018) 942-953. https://doi.org/10.1007/s10904-017-0764-9 (Impact Factor: 1.637)	.192
E. Hannachi, **Y. Slimani**, M.K. Ben Salem, A. Hamrita, A. L. Al-Otaibi, M. A. Almessiere, M. Ben Salem, F. Ben Azzouz, Fluctuation induced conductivity studies in $YBa_2Cu_3O_y$ compound embedded by superconducting nano-particles Y-deficient $YBa_2Cu_3O_y$: effect of silver inclusion, Indian Journal of Physics 90 (2016) 1009-1018. https://doi.org/10.1007/s12648-016-0839-4 (Impact Factor: 1.16)	.193
Y. Slimani, E. Hannachi, M.K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz, Fluctuation induced magneto-conductivity of $Y_3Ba_5Cu_8O_{18-\delta}$ and $YBa_2Cu_3O_{7-\delta}$, Modern Physics Letters B 29 (2015) 1550227. https://doi.org/10.1142/S0217984915502279 (Impact Factor: 0.6)	.194
Y. Slimani, E. Hannachi, M.K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz, Excess conductivity study in nano-$CoFe_2O_4$ added $YBa_2Cu_3O_{7-d}$ and $Y_3Ba_5Cu_8O_{18-x}$ superconductors, Journal of Superconductivity and Novel Magnetism 28 (2015) 3001-3010. https://doi.org/10.1007/s10948-015-3144-0 (Impact Factor: 1.182)	.195
E. Hannachi, **Y. Slimani**, M. K. Ben Salem, A. Hamrita, D. K. Mani, M. Zouaoui, M. Ben Salem, F. Ben Azzouz, Magneto-conductivity fluctuation in YBCO prepared by sintering of ball-milled precursor powder, Materials Chemistry and Physics 159 (2015) 185-193. http://dx.doi.org/10.1016/j.matchemphys.2015.03.069 (Impact Factor: 2.28)	.196
E. Hannachi, A. Hamrita, **Y. Slimani**, M. K. Ben Salem, M. Zouaoui, M. Ben Salem, F. Ben Azzouz, Effect of the ball milling technique on the transport current density of polycrystalline superconductor $YBa_2Cu_3O_y$ - Pinning mechanism, Journal of Superconductivity and Novel Magnetism 28 (2015) 493-498. https://doi.org/10.1007/s10948-014-2746-2 (Impact Factor: 1.182)	.197
Y. Slimani, E. Hannachi, A. Hamrita, M. K. Ben Salem, M. Zouaoui, M. Ben Salem, F. Ben Azzouz, Energy Dissipation Mechanisms in Polycrystalline Superconductor $Y_3Ba_5Cu_8O_y$, Journal of Superconductivity and Novel Magnetism 28 (2015) 487-492. https://doi.org/10.1007/s10948-014-2745-3 (Impact Factor: 1.182)	.198
A. Hamrita, **Y. Slimani**, M.K. Ben Salem, E. Hannachi, F. Ben Azzouz, L. Bessais, M. Ben Salem, Superconducting properties of polycrystalline $YBa_2Cu_3O_{7-d}$ prepared by sintering of ball-milled precursor powder, Ceramics International 40 (2014) 1461–1470. https://doi.org/10.1016/j.ceramint.2013.07.030 (Impact Factor: 2.99)	.199
Y. Slimani, E. Hannachi, M.K. Ben Salem, A. Hamrita, A. Varilci, W. Dachraoui, M. Ben Salem, F. Ben Azzouz, Comparative study of nano-sized particles $CoFe_2O_4$ effects on superconducting properties of Y-123 and Y-358, Physica B: Condensed Matter 450 (2014) 7-15. http://dx.doi.org/10.1016/j.physb.2014.06.003 (Impact Factor: 1.38)	.200
M.K. Ben Salem, E. Hannachi, **Y. Slimani**, A. Hamrita, M. Zouaoui, L. Bessais, M. Ben Salem, F. Ben Azzouz, SiO_2 nanoparticles addition effect on microstructure and pinning properties in $YBa_2Cu_3O_y$, Ceramics International 40 (2014) 4953-4962. https://doi.org/10.1016/j.ceramint.2013.10.103 (Impact Factor: 2.99)	.201
M.K. Ben Salem, A. Hamrita, E. Hannachi, **Y. Slimani**, M. Ben Salem, F. Ben Azzouz, The study on SiO_2 nanoparticles and nanowires added YBCuO: Microstructure and normal state electrical properties, Physica C: Superconductivity 498 (2014) 38-44. https://doi.org/10.1016/j.physc.2013.12.006 (Impact Factor: 1.41)	.202
E. Hannachi, M.K. Ben Salem, **Y. Slimani**, A. Hamrita, M. Zouaoui, F. Ben Azzouz, M. Ben Salem, Dissipation mechanisms in polycrystalline YBCO prepared by sintering of ball-milled precursor powder, Physica B: Condensed Matter 430 (2013) 52-57. https://doi.org/10.1016/j.physb.2013.08.028 (Impact Factor: 1.38)	.203

الأبحاث العلمية المقبولة للنشر

#	أسماء الباحثين / عنوان البحث / المجلة	تاريخ القبول
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الأبحاث العلمية المقدمة لتحكيم المؤتمرات العلمية المتخصصة

#	أسماء الباحثين / عنوان البحث / المؤتمر وتاريخ النشر

Quentin Nouailhetas, Anjela Koblischka-Veneva, Michael Koblischka, Kévin Berger, Bruno Douine, **Yassine Slimani**, Essia Hannachi, Magnetic phases in superconducting, polycrystalline bulk FeSe samples, 65th Annual Conference on Magnetism and Magnetic Materials (MMM 2020). https://hal.univ-lorraine.fr/hal-02996089	.1
M.K. Ben Salem, **Y. Slimani**, E. Hannachi, A. Hamrita, F. Ben Azzouz, M. Ben Salem, The normal state properties of nano-sized $CoFe_2O_4$ added Bi-based superconductors in bipolaron model, Applied International Physics Conference Proceedings 1569 (2013) 423-426. https://doi.org/10.1063/1.4849308	.2
M.K. Ben Salem, E. Hannachi, **Y. Slimani**, A. Hamrita, L. Bessais, F. Ben Azzouz, M. Ben Salem, Effect of nanowires SiO_2 on superconducting properties of $YBa_2Cu_3O_{7-d}$ bulks, Applied International Physics Conference Proceedings 1569 (2013) 73-76. http://dx.doi.org/10.1063/1.4849231	.3

الكتب العلمية المنشورة

#	النوع	أسماء الباحثين / عنوان البحث / جهة النشر / تاريخ النشر
.1	كتاب	• Editor(s): **Yassine Slimani**, Essia Hannachi • Book entitled "Superconducting Materials - Fundamentals, Synthesis and Applications". • Imprint: Springer • Published Date: Accepted – Forthcoming 2022
.2	فصل من كتاب	• Author(s): **Yassine Slimani**, Essia Hannachi, Ghulam Yasin • Chapter XX: "Air pollution management by nanomaterials". • Chapter Link: https:// • Publication: Apple Academic Press 2021
		• In book entitled: "Environmental Contamination Remediation through Nanotechnology". • Book Link: https:// • Imprint: Apple Academic Press (AAP) • Published Date: Forthcoming (2021-2022) • ISBN: Not yet Available
.3	فصل من كتاب	• Author(s): **Yassine Slimani**, Essia Hannachi • Chapter 16: "Advanced progress in magnetoelectric multiferroic composites: Fundamentals, Applications and Toxicity". • Chapter Link: https:// • Publication: Springer 2021
		• In book entitled: "Handbook of Magnetic Hybrid Nanoalloys and their Nanocomposites". • Book Link: https://meteor.springer.com/nanoalloys • Imprint: Springer • Published Date: Forthcoming (2021) • ISBN: Not yet Available
.4	كتاب	• Editor(s): Shamsher Kanwar, Ashok Kumar, Tuan Anh Nguyen, Swati Sharma, **Yassine Slimani** • Book entitled "Biopolymeric Nanomaterials: Fundamentals and Applications". • Book Link: https://www.elsevier.com/books/biopolymeric-nanomaterials/kanwar/978-0-12-824364-0 • Imprint: Elsevier • Published Date: 1st August 2021 • ISBN: 9780128243640
.5	فصل من كتاب	• Author(s): **Yassine Slimani**, Essia Hannachi • Chapter 12: "Synthesis of Ferrite Nanoparticles Using Sonochemical Methods". • Chapter Link: https:// • Publication: Elsevier 2021
		• In book entitled: "Ferrite Nanostructured Magnetic Materials: Technologies and Applications". • Book Link: https:// • Imprint: Elsevier • Published Date: Forthcoming (2021) • ISBN: Not yet Available
		• Author(s): **Yassine Slimani**, Essia Hannachi

.6	فصل من كتاب	• Chapter 1: "Green Chemistry and Sustainable Nanotechnological Developments: Principles, Designs, Applications, and Efficiency". • Chapter Link: https://doi.org/10.1201/9781003083917-1 • Publication: 2021
		• In book entitled: "Green Polymer Chemistry and Composites: Pollution Prevention and Waste Reduction". • Book Link: https://www.appleacademicpress.com/green-polymer-chemistry-and-composites-pollution-prevention-and-waste-reduction/9781771889377 • Imprint: Apple Academic Press (AAP) • Published Date: May 2021 • ISBN: 9781771889377
.7	فصل من كتاب	• Author(s): Essia Hannachi, **Yassine Slimani** • Chapter 6: "Nanomaterials for nanogenerator". • Chapter Link: https://doi.org/10.1016/b978-0-12-821548-7.00006-3 • Publication: Elsevier 2021, Pages 69-87
		• In book entitled: "Nanobatteries and Nanogenerators: Fundamentals, Manufacturing and Applications". • Book Link: https://doi.org/10.1016/C2019-0-02686-6 • Imprint: Elsevier • Published Date: 26th November 2020 • ISBN: 9780128215487
.8	فصل من كتاب	• Author(s): **Yassine Slimani**, Essia Hannachi • Chapter 13: "Nanomaterials and nanotechnology for high-performance rechargeable battery". • Chapter Link: https://doi.org/10.1016/b978-0-12-821548-7.00013-0 • Publication: Elsevier 2021, Pages 343-363
		• In book entitled: "Nanobatteries and Nanogenerators: Fundamentals, Manufacturing and Applications". • Book Link: https://doi.org/10.1016/C2019-0-02686-6 • Imprint: Elsevier • Published Date: 26th November 2020 • ISBN: 9780128215487
.9	فصل من كتاب	• Author(s): **Yassine Slimani**, Essia Hannachi • Chapter 16: "Ru-based perovskites/RGO composites for applications in high performance supercapacitors". • Chapter Link: https://doi.org/10.1016/B978-0-12-819977-0.00016-0 • Publication: Elsevier (2021) 335-354
		• In Book entitled: "Hybrid Perovskite Composite Materials: Design to Applications". • Book Link: https://doi.org/10.1016/C2019-0-00638-3 • Imprint: Woodhead Publishing (Elsevier) • Published Date: 1st October 2020 • ISBN: 9780128199770
.10	فصل من كتاب	• Author(s): A. Manikandan, **Yassine Slimani**, A. Dinesh, Anish Khan, K. Thanrasu, A. Baykal, S.K. Jaganathan, Hurija Dzudzevic-Cancar, Abdullah M. Asiri • Chapter 8: "Perovskite's potential functionality in a composite structure". • Chapter Link: https://doi.org/10.1016/B978-0-12-819977-0.00008-1 • Publication: Elsevier (2021) 181-202
		• In Book entitled: "Hybrid Perovskite Composite Materials: Design to Applications". • Book Link: https://doi.org/10.1016/C2019-0-00638-3 • Imprint: Woodhead Publishing (Elsevier) • Published Date: 1st October 2020 • ISBN: 9780128199770
.11	كتاب	• Editor(s): Arun Nanda, Sanju Nanda, Tuan Anh Nguyen, Susai Rajendran, **Yassine Slimani** • Book entitled: "Nanocosmetics: Fundamentals, Applications and Toxicity"

• Book Link: https://doi.org/10.1016/C2019-0-00468-2 • Imprint: Elsevier • Published Date: 5th May 2020 • ISBN: 9780128222867		
• Author(s): **Yassine Slimani**, Essia Hannachi • Chapter 9: "Magnetic nanosensors and their potential applications". • Chapter Link: https://doi.org/10.1016/B978-0-12-819870-4.00009-8 • Publication: Elsevier (2020) Pages 143-155	فصل من كتاب	.12
• In Book entitled: "Nanosensors for Smart Cities". • Book Link: https://doi.org/10.1016/C2018-0-04422-9 • Imprint: Elsevier • Published Date: 18th February 2020 • ISBN: 9780128198704		
• Author(s): **Y. Slimani**, E. Hannachi, H. Tombuloglu, S. Güner, M.A. Almessiere, A. Baykal, M.A. Aljafary, E.A. AL-Suhaimi, M. Nawaz, I. Ercan • Chapter 14: "Magnetic nanoparticles based nanocontainers for biomedical application" • Chapter Link: https://doi.org/10.1016/B978-0-12-816770-0.00014-9 • Publication: Elsevier (2020) Pages 229-250	فصل من كتاب	.13
• In Book entitled: "Smart Nanocontainers". • Book Link: https://doi.org/10.1016/C2017-0-04794-8 • Imprint: Elsevier • Published Date: 15th November 2019 • ISBN: 9780128167700		
• Author(s): Muhammad Nawaz, **Yassine Slimani**, Ismail Ercan, Michele K. Lima-Tenório, Ernandes T. Tenório-Neto, Chariya Kaewsaneha, Abdelhamid Elaissari • Chapter 2: "Magnetic and pH-responsive magnetic nanocarriers". • Chapter link: https://doi.org/10.1016/B978-0-08-101995-5.00002-7 • Publication: Elsevier (2019) Pages 37-85	فصل من كتاب	.14
• In Book entitled: "Stimuli Responsive Polymeric Nanocarriers for Drug Delivery Applications". Volume 2: Advanced Nanocarriers for Therapeutics. • Book Link: https://doi.org/10.1016/C2016-0-00603-4 • Imprint: Woodhead Publishing (Elsevier) • Published Date: 29th October 2018 • ISBN: 978-0-08-101995-5		
• Author(s): **Yassine Slimani** • Book title: "Effect of magnetic nanoparticles on superconducting properties of YBCO: Comparative study of Y-123" • Publisher: LAP LAMBERT Academic Publishing • Published Date: 16-11-2017 • ISBN: 978-620-2-07526-8	كتاب	.15
• Author(s): **Yassine Slimani**, Mohamed Ben Salem, Faten Ben Azzouz • Book title: "High critical temperature superconductors $YBa_2Cu_3O_y$ and $Y_3Ba_5Cu_8O_y$: Comparative study" • Publisher: Presses Académiques Francophones • Published Date: 30-03-2016 • ISBN: 978-3-8416-3962-2	كتاب	.16

الأبحاث العلمية المنشورة في مجلات بدون معامل تأثير

#	أسماء الباحثين / عنوان البحث / جهة النشر / تاريخ النشر
.1	**Y. Slimani**, E. Hannachi, F. Ben Azzouz, M. Ben Salem, Effect of Sintering Temperature on the Microstructure and Electrical Properties of $Y_3Ba_5Cu_8O_{18}$ Superconducting Material, Nanotechnology in Science and Engineering 1 (2018) 67-75. https://uniquepubinternational.com/wp-content/uploads/2018/10/UPI-NSE-2018-6-Final.pdf

.2	**Y. Slimani**, E. Hannachi, F. Ben Azzouz, M. Ben Salem, Optimization of Synthesis Parameters for the Formation of Promising $Y_3Ba_5Cu_8O_{18}$ Compound, Nanotechnology in Science and Engineering 1 (2018) 11-20. https://uniquepubinternational.com/wp-content/uploads/2018/10/UPI-NSE-2018-3-Final.pdf

المشاريع البحثية الحالية

#	أسماء الباحثين / عنوان البحث / الممول / رقم المشروع	التاريخ
.1	الباحثين: Huseyin Tombuloglu (PI), Ebtesam Al-Suhaimi, Munirah Abdullah Almessiere, **Yassine Slimani,** Hussein Sabit, Abdulhadi Baykal عنوان البحث: Development of fast multiplex SARS-COV-2 diagnosis kit الممول: عمادة البحث العلمي بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: Covid19-2020-026-IRMC الميزانية: 200.000 رس	فيفري 2020 - الآن
.2	الباحثين: **Yassine Slimani** (PI), Munirah Abdullah Almessiere, Abdulhadi Baykal عنوان البحث: Perovskite-based nanomaterials for (bio)sensors and biological applications الممول: عمادة البحث العلمي بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: 2020-164-IRMC الميزانية: 184.400 رس	مارس 2020 - الآن
.3	الباحثين: Abdulhadi Baykal (PI), **Yassine Slimani**, Munirah Abdullah Almessiere, Ismail Ercan, Suriya Rehman عنوان البحث: SrFe12-xRExO19 (hard) / Ni0.2Cu0.4Zn0.2Fe2O4 (soft) (RE=Nd, Gd, Er, Tm and Tb) hard/soft magnetic nanofibers: Microwave absorption, magnetic properties and antibacterial activities study الممول: عمادة البحث العلمي بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: 2020-169-IRMC الميزانية: 165.800 رس	مارس 2020 – الآن
.4	الباحثين: Ismail Ercan (PI), **Yassine Slimani**, Abdulhadi Baykal, Munirah Abdullah Almessiere, Fatimah Alahmari, Tarek Kayed عنوان البحث: One pot synthesis of hard/soft nanoferrites with exchange behaviour via sonochemical approach: Magnetic and electrical investigation الممول: عمادة البحث العلمي بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: 2020-170-IRMC الميزانية: 150.800 رس	مارس 2020 - الآن
.5	الباحثين: عنوان البحث: الممول: عمادة البحث العلمي بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: الميزانية: 200.000 رس	معهد البحوث والإستشارات الطبية،

المشاريع البحثية المنتهية

#	أسماء الباحثين / عنوان البحث / الممول / رقم المشروع	تاريخ البحث
.1	الباحثين: **Yassine Slimani** (PI), Munirah Abdullah Almessiere, Faten Ben Azzouz عنوان البحث: Effect of different form and size of tungsten oxide nano-entities for the improvement of superconducting properties of high temperature superconductor materials for energy applications الممول: عمادة البحث العلمي بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: 2018-209-IRMC الميزانية: 200.000 رس	2020 - 2018
.2	الباحثين: **Yassine Slimani** (PI), Abdulhadi Baykal, Faten Ben Azzouz	2020 - 2018

	عنوان البحث: Development basis of a novel magnetometer using superconductor materials. Impact of high-energy ball milling technique الممول: عمادة البحث العلمي بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: 2017-576-IRMC الميزانية: 76.000 رس	
.3	الباحثين: Abdulhadi Baykal, **Yassine Slimani** (P-CoI), Ismail Ercan, Huseyin Tombuloglu عنوان البحث: Synthesis and characterization of rare earth element doped barium and strontium hexaferrites by solid state and sol-gel methods and investigation of its microwave absorber properties الممول: عمادة البحث العلمي بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: 2017-605-IRMC الميزانية: 72.000 رس	2020 - 2018
.4	الباحثين: Ayhan Bozkurt, **Yassine Slimani** (CoI), Ismail Ercan, Abdulhadi Baykal, Muhammad Nawaz عنوان البحث: The production of multi-functional hollow silica spheres (HSS) and their use in various bio- applications الممول: عمادة البحث العلمي بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: 2017-567-IRMC الميزانية: 80.000 رس	2020 - 2018
.5	الباحثين: **Yassine Slimani** (PI), Essia Hannachi, Faten Ben Azzouz عنوان البحث: Impact of nano-entities addition on superconducting properties of HTS materials الممول: معهد البحوث والإستشارات الطبية بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: 2018-IRMC-S-2 الميزانية: 105.513 رس	2020 - 2018
.6	الباحثين: **Yassine Slimani** (PI), Essia Hannachi, Faten Ben Azzouz, Abdulhadi Baykal عنوان البحث: Effect of high-energy ball milling technique on electrical and magnetic properties of various materials الممول: معهد البحوث والإستشارات الطبية بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: 2017-IRMC-S-3 الميزانية: 183.372 رس	2020 - 2017

المشاريع البحثية المقترحة

#	أسماء الباحثين / عنوان البحث	الممول / رقم المشروع
.1	**Title:** Ecofriendly multiferroics magnetoelectric nanomaterials and the way to the advanced technology and biomedicine applications **Investigator(s):** **Yassine Slimani** (PI), Abdulhadi Baykal, Munirah Abdullah Almessiere	قيد الدراسة من طرف عمادة البحث العلمي بجامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية رقم المشروع: 2021-054-IRMC تاريخ التقديم: نوفمبر 2020
.2	Investigation of Quantum Dots Addition Impact on Pinning Properties in High Tc Superconductors for Various Energy Applications **Yassine Slimani** (PI), Abdulhadi Baykal, Munirah Abdullah Almessiere, Ismail Ercan	قيد الدراسة من طرف مدينة الملك عبد العزيز للعلوم والتقنية (2018) رقم المشروع: 2-18-02-070-0002
.3	Synthesis and Characterization of Hard/Soft Ferrite Nanocomposites for Microwave Application Abdulhadi Baykal, **Yassine Slimani** (P-CoI), Munirah Abdullah Almessiere, Ismail Ercan, Khalid Mujasam Batoo	قيد الدراسة من طرف مدينة الملك عبد العزيز للعلوم والتقنية (2018) رقم المشروع: 2-18-02-070-0001
.4	Development of nano-based new generation cancer treatment Mohammad Azam Ansari, Abdulhadi Baykal, **Yassine Slimani** (CoI), Munirah Abdullah Almessiere, Huseyin Tombuloglu	قيد الدراسة من طرف مدينة الملك عبد العزيز للعلوم والتقنية (2018) رقم المشروع: 2-18-01-070-0001
.5	Technological Effects of Quantum Dot Additives on Optoelectronic Properties of Impressive and Innovative Liquid Crystals	قيد الدراسة من طرف مدينة الملك عبد العزيز للعلوم والتقنية (2018)

	Ismail Ercan, Tarek Kayed, **Yassine Slimani** (CoI), Sultan Akhtar, Ahmed Maarouf, Khaled Elsayed	رقم المشروع: 2-18-01-070-0006
.6	High Energy Density Sulfur Battery for Storage of Solar Energy Ayhan Bozkurt, Abdulhadi Baykal, Khalil Amine, **Yassine Slimani** (CoI), Munirah Abdullah Almessiere, Ahmed Maarouf, Sultan Akhtar, Muhammad Nawaz, Rabindran Jermy, Faiza Qureshi	قيد الدراسة من طرف مدينة الملك عبد العزيز للعلوم والتقنية (2018) رقم المشروع: 3-18-02-070-0001
.7	Manufacturing and development of high-Tc superconductors tapes for industrial applications **Yassine Slimani** (PI)	تعاون بين المملكة العربية السعودية واليابان (2017) رقم المشروع: 2017-529-IRMC
.8	Azole functional SiO_2 nanoparticles for anticancer applications Ayhan Bozkurt, **Yassine Slimani** (P-CoI), Ismail Ercan, Ahmed Maarouf, Abdulhadi Baykal, Munirah Abdullah Almessiere, Muhammad Nawaz, Rabindran Jermy	قيد الدراسة من طرف ومعهد البحوث والإستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، المملكة العربية السعودية (2017) رقم المشروع: 2017-646-IRMC

المساهمات في المؤتمرات والندوات العلمية

#	مجال المساهمة	عنوان المؤتمر	المكان والتاريخ	أسماء الباحثين و عنوان البحث
.1	تقديم شفوي	65th Annual Conference on Magnetism and Magnetic Materials (MMM 2020),	الولايات المتحدة الأمريكية (مؤتمر عن طريق الأونلاين) نوفمبر 2020	Quentin Nouailhetas, Anjela Koblischka-Veneva, Michael Koblischka, Kévin Berger, Bruno Douine, **Yassine Slimani**, Essia Hannachi, Magnetic phases in superconducting, polycrystalline bulk FeSe samples,
.2	تقديم شفوي	International Conference on Low Temperature Physics and Superconductivity (ICLTPS 2020)	طوكيو – اليابان 11-12 جوان 2020	Michael Koblischka, Anjela Koblischka-Veneva, XianLin Zeng, Essia Hannachi, **Yassine Slimani**, "Dimensionality and Superconducting Parameters of $YBa_2Cu_3O_7$ Foams".
.3	تقديم شفوي	International Conference on Materials Science and Engineering (ICMSE 2020)	طوكيو – اليابان 23-24 أفريل 2020	Michael Koblischka, **Yassine Slimani**, Thomas Karwoth, Anjela Koblischka-Veneva, Essia Hannachi, "Microstructure and Excess Conductivity of Bulk, Ag-Added FeSe Superconductors".
.4	تقديم شفوي	NanoBio & Med 2018 International Conference	برشلونة، إسبانيا 20 - 22 نوفمبر 2018	H. Gungunes, M.A. Almessiere, **Y. Slimani**, A. Baykal, "AC susceptibility and Mössbauer analysis of Mn–Y substituted $Sr_{1-x}Mn_xFe_{12-y}Y_yO_{19}$ ($0.0 \le x=y \le 0.5$) nanohexaferrites".
.5	تقديم شفوي	6th International Conference on Superconductivity and Magnetism - ICSM2018	أنطاليا، تركيا 29 أبريل - 4 ماي 2018	**Y. Slimani**, E. Hannachi, A. Ekicibil, F. Ben Azzouz, "Microstructure and superconducting properties of $YBa_2Cu_3O_y$ added with TiO_2 nanoparticles and nanowires: shape effect".
.6	تقديم ملصق	6th International Conference on Superconductivity and Magnetism - ICSM2018	أنطاليا، تركيا 29 أبريل - 4 ماي 2018	E. Hannachi, **Y. Slimani**, F. Ben Azzouz, M. Zouaoui, M. Ben Salem, "The study of normal state properties of bscco superconductors added with different sizes of SiO_2 nanoparticles".
.7	تقديم شفوي	International Conference on Functional Materials (ICFM-2017)	الحمامات – تونس 05-08 سبتمبر 2017	E. Hannachi, **Y. Slimani**, M. Zouaoui, M. Ben Salem, "The normal state properties of Bi-based superconductor added with different nano-sized SiO_2 particles"
.8	دعوة للتقديم	4th International Conference on Materials Science and Nanotechnology for Next generation, MSNG-2017.	البوسنة، سراييفو 28 - 30 جويلية 2017	**Yassine Slimani,** "Superconducting Properties of High-Tc YBCO Compounds".

.9	تقديم شفوي	4th International Conference on Materials Science and Nanotechnology for Next generation, MSNG-2017	البوسنة، سراييفو 28 - 30 جويلية 2017	**Yassine Slimani,** "Impact of Nanoparticles Addition on Superconducting Properties in $Y_3Ba_5Cu_8O_y$ Compounds".
.10	تقديم شفوي	International Conference on Functional Materials - ICFM-2017	الحمامات، تونس 05 - 08 سبتمبر 2017	E. Hannachi, **Y. Slimani**, M. Zouaoui, M. Ben Salem, "The normal state properties of Bi-based superconductor added with different nano-sized SiO_2 particles".
.11	تقديم ملصق	CNRP12 2017	الحمامات، تونس 18 - 21 مارس 2017	E. Hannachi, **Y. Slimani**, M. K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz, "Effect of Y-deficient Y-123 nanoparticles on the transport current density of polycrystalline superconductor $YBa_2Cu_3O_y$ – Pinning mechanism".
.12	تقديم ملصق	Matériaux 2016	الحمامات، تونس 29 أكتوبر - 01 نوفمبر 2016	**Y. Slimani**, E. Hannachi, M. K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz, "Effect of the ball milling technique on the superconducting properties in $YBa_2Cu_3O_{7-d}$ and $Y_3Ba_5Cu_8O_{18\pm x}$ compounds".
.13	تقديم ملصق	Matériaux 2016	الحمامات، تونس 29 أكتوبر - 01 نوفمبر 2016	E. Hannachi, **Y. Slimani**, M. K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz, "Effect of nanoparticles addition on superconducting properties in polycrystalline compounds".
.14	تقديم ملصق	5th Tunisian Crystallographic Meeting International Conference - TCM 5	الحمامات، تونس 20 - 24 مارس 2016	**Y. Slimani**, E. Hannachi, M. K. Ben Salem, A. Hamrita, F. Ben Azzouz, M. Ben Salem. "Impact of nano-$CoFe_2O_4$ addition on the structural, microstructural and electrical properties in $YBa_2Cu_3O_{7-y}$ and $Y_3Ba_5Cu_8O_{18\pm y}$ compounds".
.15	تقديم ملصق	5th Tunisian Crystallographic Meeting International Conference - TCM 5	الحمامات، تونس 20 - 24 مارس 2016	E. Hannachi, **Y. Slimani**, M. K. Ben Salem, A. Hamrita, F. Ben Azzouz, M. Ben Salem. "Effect of superconducting nano-particles on the structure, microstructure and electrical properties in $YBa_2Cu_3O_y$ compound".
.16	تقديم شفوي	Euro-Mediterranean Meeting on Functionalized Materials - EMM FM-2015	الحمامات، تونس 09 - 13 سبتمبر 2015	**Y. Slimani**, E. Hannachi, M. K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz. "Comparative study of nano-$CoFe_2O_4$ added $YBa_2Cu_3O_{7-d}$ and $Y_3Ba_5Cu_8O_{18\pm x}$ superconductors on excess conductivity".
.17	تقديم شفوي	Euro-Mediterranean Meeting on Functionalized Materials - EMM FM-2015	الحمامات، تونس 09 - 13 سبتمبر 2015	E. Hannachi, **Y. Slimani**, M. K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz. "Effect of silver inclusion on excess conductivity of $YBa_2Cu_3O_y$ compound embedded by superconducting nano-particles".
.18	تقديم شفوي	Euro-Mediterranean Meeting on Functionalized Materials - EMM FM-2015	الحمامات، تونس 09 - 13 سبتمبر 2015	M. K. Ben Salem, E. Hannachi, **Y. Slimani**, A. Hamrita, M. Ben Salem, F. Ben Azzouz. "The effect of SiO_2 nano-entities on microstructure and pinning properties in $YBa_2Cu_3O_{7-d}$ superconductor".
.19	تقديم شفوي	Euro-Mediterranean Meeting on Functionalized Materials - EMM FM-2015	الحمامات، تونس 09 - 13 سبتمبر 2015	M. Ben Salem, M. K. Ben Salem, E. Hannachi, **Y. Slimani**, A. Hamrita, F. Ben Azzouz. "Magneto-conductivity fluctuation studies in $YBa_2Cu_3O_y$ compound embedded by superconducting nano-particles Y-deficient $YBa_2Cu_3O_y$".

.20	تقديم شفوي	Matériaux 2015	المهدية، تونس 22 - 26 مارس 2015	**Y. Slimani**, E. Hannachi, M. K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz. "Étude comparative de la magnéto-conductivité électrique dans les composés $Y_3Ba_5Cu_8O_{18-\delta}$ et $YBa_2Cu_3O_{7-\delta}$".
.21	تقديم شفوي	Matériaux 2015	المهدية، تونس 22 - 26 مارس 2015	E. Hannachi, **Y. Slimani**, M. K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz. "Étude de l'excès de la conductivité dans les matériaux polycristallins $YBa_2Cu_3O_{7-d}$ préparés par la technique du broyage énergétique".
.22	تقديم شفوي	Matériaux 2015	المهدية، تونس 22 - 26 مارس 2015	M. K. Ben Salem, E. Hannachi, **Y. Slimani**, A. Hamrita, M. Ben Salem, F. Ben Azzouz. "Effet des ajouts des nanoparticules et nanofils de SiO_2 sur l'YBCO: Microstructure et propriétés électriques à l'état normal".
.23	تقديم شفوي	Matériaux 2015	المهدية، تونس 22 - 26 مارس 2015	A. Hamrita, M. K. Ben Salem, E. Hannachi, **Y. Slimani**, M. Ben Salem, F. Ben Azzouz. "Piégeage des vortex dans le composé supraconducteur YBCO préparé par la technique de broyage énergétique".
.24	تقديم شفوي	11ème Colloque National de la Recherche en Physique - CNRP 2014	سوسة، تونس 20-23 ديسمبر 2014	**Y. Slimani**, E. Hannachi, M. K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz. "Étude comparative des propriétés supraconductrices des composés Y-123 et Y-358 implantés par des nanoparticules magnétiques de $CoFe_2O_4$".
.25	تقديم شفوي	11ème Colloque National de la Recherche en Physique - CNRP 2014	سوسة، تونس 20-23 ديسمبر 2014	E. Hannachi, **Y. Slimani**, M. K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz. "Fluctuation de la magneto-conductivité électrique dans les composés YBCO préparés par broyage énergétique".
.26	تقديم شفوي	11ème Colloque National de la Recherche en Physique - CNRP 2014	سوسة، تونس 20-23 ديسمبر 2014	A. Hamrita, E. Hannachi, **Y. Slimani**, M. K. Ben Salem, M. Ben Salem, F. Ben Azzouz. "Impact du broyage énergétique sur les propriétés microstructurales, électrique et magnétique des supraconducteurs à base d'yttrium".
.27	تقديم شفوي	11ème Colloque National de la Recherche en Physique - CNRP 2014	سوسة، تونس 20 - 23 ديسمبر 2014	M. K. Ben Salem, A. Hamrita, E. Hannachi, **Y. Slimani**, M. Ben Salem, F. Ben Azzouz. "Effet des nanoparticules de SiO_2 sur la structure, microstructure et sur les propriétés de piégeage des vortex dans le composé YBCO".
.28	تقديم ملصق	4th International Conference on Superconductivity and Magnetism Congress - ICSM 2014	أنطاليا، تركيا 27 أبريل - 02 ماي 2014	**Y. Slimani**, E. Hannachi, M. K. Ben Salem, A. Hamrita, M. Zouaoui, F. Ben Azzouz, M. Ben Salem. "Energy Dissipation Mechanisms in Polycrystalline Superconductor $Y_3Ba_5Cu_8O_y$".
.29	تقديم ملصق	4th International Conference on Superconductivity and Magnetism Congress - ICSM 2014	أنطاليا، تركيا 27 أبريل - 02 ماي 2014	E. Hannachi, **Y. Slimani**, M. K. Ben Salem, A. Hamrita, M. Zouaoui, F. Ben Azzouz, M. Ben Salem. "Effect of the ball milling technique on the transport current density of polycrystalline superconductor $YBa_2Cu_3O_{7-y}$ - pinning mechanism".
.30	تقديم ملصق	4th International Conference on Superconductivity and Magnetism Congress - ICSM 2014	أنطاليا، تركيا 27 أبريل - 02 ماي 2014	A. Hamrita, E. Hannachi, **Y. Slimani**, M. K. Ben Salem, M. Zouaoui, F. Ben Azzouz, M. Ben Salem. "Impact of planetary ball milling parameters on the structure microstructure and properties of YBCO bulk superconductor".

.31	تقديم شفوي	Young Researchers Days 'workshop' in Physics - JJCP 2014	كلية العلوم بتونس، تونس 26 فيفري - 01 مارس 2014	**Y. Slimani**, E. Hannachi, M. K. Ben Salem, A. Hamrita, M. Zouaoui, M. Ben Salem, F. Ben Azzouz. "Phénomènes de dissipation d'énergie dans le supraconducteur $Y_3Ba_5Cu_8O_y$".
.32	تقديم شفوي	Young Researchers Days 'workshop' in Physics - JJCP 2014	كلية العلوم بتونس، تونس 26 فيفري - 01 مارس 2014	E. Hannachi, **Y. Slimani**, M.K. Ben Salem, A. Hamrita, M. Zouaoui, M. Ben Salem, F. Ben Azzouz. "Effet du broyage énergétique sur la densité de courant électrique de transport du composé $YBa_2Cu_3O_{7-y}$ - Mécanisme de piégeage".
.33	تقديم ملصق	First North African School and Workshop on electron microscopy « EμM-2013 »	المرسى، تونس من 1 إلى 13 سبتمبر 2013	**Y. Slimani**, M. K. Ben Salem, E. Hannachi, A. Hamrita, L. Bessais, M. Ben Salem, F. Ben Azzouz. "Effet de nanofil de SiO_2 sur la structure, microstructure et sur les propriétés de piégeage des vortex dans le composé YBCO".
.34	تقديم ملصق	First North African School and Workshop on electron microscopy « EμM-2013 »	المرسى، تونس من 1 إلى 13 سبتمبر 2013	E. Hannachi, **Y. Slimani**, M. K. Ben Salem, A. Hamrita, M. Ben Salem, F. Ben Azzouz. "Phénomènes de dissipation d'énergie dans le composé YBCO élaboré par broyage énergétique".
.35	تقديم ملصق	First North African School and Workshop on electron microscopy « EμM-2013 »	المرسى، تونس من 1 إلى 13 سبتمبر 2013	M. K. Ben Salem, **Y. Slimani**, E. Hannachi, A. Hamrita, M. Ben Salem, F. Ben Azzouz. "Propriété microstructurale et mécanisme de conduction électrique de l'état normal des supraconducteurs à base de bismuth implantés par des nanoparticules magnétiques".
.36	تقديم ملصق	3rd International Advances in Applied Physics and Material Science Congress - APMAS 2013	أنطاليا، تركيا 24 إلى 28 أبريل 2013	M. K. Ben Salem, **Y. Slimani**, E. Hannachi, A. Hamrita, F. Ben Azzouz, M. Ben Salem. "The normal state properties of nano-sized $CoFe_2O_4$ added Bi-based superconductors in bipolaron model".
.37	تقديم ملصق	3rd International Advances in Applied Physics and Material Science Congress - APMAS 2013	أنطاليا، تركيا 24 إلى 28 أبريل 2013	M. K. Ben Salem, E. Hannachi, **Y. Slimani**, A. Hamrita, L. Bessais, F. Ben Azzouz, M. Ben Salem. "Effect of nanowires SiO_2 on superconducting properties of $YBa_2Cu_3O_{7-\delta}$ bulks".
.38	تقديم شفوي	Young Researchers Days "workshop" in Physics - JJCP 2013	بنزرت، تونس 10 و 11 أفريل 2013	M. K. Ben Salem, A. Hamrita, **Y. Slimani**, E. Hannachi, F. Ben Azzouz, M. Ben Salem. "Étude des propriétés électriques à l'état normal des supraconducteurs à base de bismuth implantés par des nanoparticules magnétiques de $CoFe_2O_4$".
.39	تقديم ملصق	International Conference on Innovative Materials and Techniques - CIMT-2012	الحمامات، تونس 12 إلى 15 نوفمبر 2012	**Y. Slimani**, F. Ben Azzouz, M. Ben Salem. "Elaboration of $Y_3Ba_5Cu_8O_{18}$ compound - Superconducting properties".

أنشطة التدريس

الجامعية

#	المقرر	رقم المقرر	مجال المساهمة
.1	الميكانيكا	--	محاضرات / دروس و مختبرات
.2	الفيزياء العامة 1	--	محاضرات / دروس و مختبرات
.3	الفيزياء العامة 3	--	محاضرات / دروس
.4	البصريات	--	محاضرات / دروس و مختبرات
.5	التموجات	--	محاضرات / دروس
.6	الديناميكا الحرارية	--	محاضرات / دروس و مختبرات

.7	الإلكتروستاتيات والمغناطيسية الساكنة	--	محاضرات / دروس و مختبرات
.8	الكهرومغناطيسية	--	محاضرات / دروس
.9	الكهرباء	--	مختبرات

الدراسات العليا

#	المقرر	رقم المقرر	مجال المساهمة
.1	المواد الفائقة الموصلية – Superconducting Materials	MSNE823	محاضرات و مختبرات
.2	الموصلية الفائقة - Superconductivity	--	محاضرات و مختبرات
.3	علم البلورات وخصائص المواد - Crystallography and Properties of Material	--	محاضرات
.4	الندوات والمحاضرات - Seminars and lectures	--	محاضرات ومختبرات

الإشراف على رسائل الماجستير والدكتوراة

#	الشهادة العلمية	العنوان	الجهة	التاريخ
.1	الماجستير (مشارك في الإشراف)	تهاني محمد الفريد عنوان الرسالة: " Biological applications of barium titanate based magnetoelectric nanocomposites"	معهد البحوث والاستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، الدمام - المملكة العربية السعودية	**2021 مستمر**
.2	الماجستير (مشارك في الإشراف)	مخطط الطور للمركبات الفائقة التوصيل القائمة على الإيتريوم: تأثير إضافة الجسيمات النانوية لـ SiO_2. Phase diagram of Yttrium-based superconductors: Effect of SiO_2 nanoparticles addition	كلية العلوم ببنزرت، جامعة قرطاج، تونس	2016
.3	الماجستير (مشارك في الإشراف)	تأثير الطبيعة المختلفة للجسيمات النانوية التي تم توليفها بطريقة الهيدروحرارية على الخصائص الكهربائية للمركبات الفائقة التوصيل القائمة على البزموث. Impact of the nature of nanoparticles synthesized by hydrothermal method on the electrical properties of Bismuth-based compound	كلية العلوم ببنزرت، جامعة قرطاج، تونس	2016

الإشراف على التدريب البحثي للطلاب

#	نوع التدريب	المتدربين	جهة التدريب	التاريخ
.1	التدريب الصيفي	• أريج هادي المبطي ***(1 published Abstract + Papers in Progress)*** • غيث الفلاح ***(1 published Paper + 1 Published Abstract)*** • لطيفة فهد العوسي ***(1 published Paper + 1 Published Abstract)*** • نوف عيسى الدوسري ***(1 published Paper + 1 Published Abstract)*** • رهف بريك الشماري ***(1 published Abstract + Papers in Progress)*** • مصطفى موفق عونه ***(1 published Paper + 1 Published Abstract)*** • أحمد طه عكاشة ***(1 published Abstract + Papers in Progress)*** • عهد الشهراني ***(1 published Abstract + Papers in Progress)***	معهد الأبحاث والاستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، الدمام - المملكة العربية السعودية	2020

		• روان علي الخثامي *(1 published Abstract + Papers in Progress)* • وجدان الحجري *(1 published Abstract + Papers in Progress)*		
.2	متطوعة	فاطمة عمر علي القويري (نشر 2 ورقة علمية + أوراق علمية تحت الدراسة)	معهد الأبحاث والاستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، الدمام - المملكة العربية السعودية	2019 - مستمرة
.3	متطوعة	فاطمة الدخيل (نشر 4 أوراق علمية)	معهد الأبحاث والاستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، الدمام - المملكة العربية السعودية	2019
.4	متطوعة	سارة الدخيل (نشر 1 ورقة علمية)	معهد الأبحاث والاستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، الدمام - المملكة العربية السعودية	2019
.5	متطوعة	هدير السيد (نشر 12 ورقة علمية)	معهد الأبحاث والاستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل، الدمام - المملكة العربية السعودية	2018-2019

العضوية كمحرر أو مراجع

العضوية كمحرر

#	المجلة العلمية	الرابط
.1	Guest Editor - Special Issue "Superconducting Nanostructures and Materials" in Nanomaterials (MDPI, Q1, IF = 4.324)	https://www.mdpi.com/journal/nanomaterials/special_issues/superconducting_nanostructures#editors
.2	Current Nano-Toxicity and Prevention	https://benthamscience.com/journals/current-nanotoxicity-and-prevention/editorial-board/
.3	Nanotechnology in Science and Engineering (Unique Pub International)	https://uniquepubinternational.com/upi-journals/nanotechnology-science-engineering-nse/editorial-board-nse/
.4	Imaging and Radiation Research (EnPress Publisher)	http://systems.enpress-publisher.com/index.php/IRR/about/editorialTeam
.5	Big Data Analytics for Healthcare (Whioce Publishing Pte. Ltd.)	http://ojs.whioce.com/index.php/BDAH/about/editorialTeam
.6	SCIREA Journal of Materials	http://www.scirea.org/journal/EditorialBoard?JournalID=43000#5064
.7	SCIREA Journal of Physics	http://www.scirea.org/journal/EditorialBoard?JournalID=14000#5064

العضوية كمراجع

المجلات العلمية
• Nanoscale Advances (RSC) • Composites Part B: Engineering (Elsevier) • Journal of Alloys and Compounds (Elsevier) • Journal of Materials Research and Technology (Elsevier) • Materials Letters (Elsevier) • Ceramics International (Elsevier) • Nanoscale (Royal Society Chemistry) • Journal of Materials Science: Materials in Electronics (Springer) • Journal of Superconductivity and Novel Magnetism (Springer) • Rare Metals (Springer) • Journal of Physics and Chemistry of Solids (Elsevier)

- Journal of Magnetism and Magnetic Materials (Elsevier)
- Materials Chemistry and Physics (Elsevier)
- Cryogenics (Elsevier)
- Materials & Design (Elsevier)
- Diamond & Related Materials (Elsevier)
- Materials Characterization (Elsevier)
- IEEE Transactions on Magnetics (IEEE)
- Crystal Research & Technology (Wiley)
- Condensed Matter (MDPI)
- Physica B: Condensed Matter (Elsevier)
- Journal of Rare Earths (Elsevier)
- Metals and Materials International (Springer)
- Rare Metals (Springer)
- Journal of Electronic Materials (Springer)
- Journal of Molecular Structure (Elsevier)
- Inorganic Chemistry Communications (Elsevier)
- Defense Technology (Elsevier)
- Materials Today: Proceedings (Elsevier)
- Chemical Data Collections (Elsevier)
- Results in Physics (Elsevier)
- Journal of Solid State Chemistry (Elsevier)
- Results in Engineering (Elsevier)
- Results in Chemistry (Elsevier)
- Defence Technology (Elsevier)
- Journal of Drug Delivery Science and Technology (Elsevier)
- Advanced Materials Letters (VBRI Press)
- Plant Physiology and Biochemistry (Elsevier)
- Waste and Biomass Valorization (Springer)
- Environmental Nanotechnology, Monitoring and Management (Elsevier)
- World Neurosurgery (Elsevier)
- Current Nanotoxicity and Prevention (Bentham)
- Journal of Advances in Physics (cirworld)
- Cancer Biotherapy and Radiopharmaceuticals (Libertpub)
- The 7th Global Conference on Materials Science and Engineering (CMSE2018), China
- The 3rd International Conference on Material Strength and Applied Mechanics (MSAM 2020)

المواقع المهنية والبحثية والتواصل الاجتماعي

المواقع المهنية

المؤسسة	الرابط
معهد البحوث والإستشارات الطبية، جامعة الإمام عبد الرحمن بن فيصل	https://www.iau.edu.sa/en/administration/centers/institute-for-research-and-medical-consultations-irmc/staff/researchers

المواقع البحثية

#	الموقع	الرابط
	Google Scholar	https://scholar.google.fr/citations?user=vRCEAgQAAAAJ&hl=en

Researchgate	https://www.researchgate.net/profile/Yassine_Slimani2	
Scopus Author ID	https://www.scopus.com/authid/detail.uri?authorId=57105963800	
Bublons	https://publons.com/a/1396127	
ORCID	http://orcid.org/0000-0002-2579-1617	
ResearcherID	http://www.researcherid.com/rid/E-5054-2017	
Mendeley	https://www.mendeley.com/profiles/yassine-slimani2/	
Semantic Scholar	https://www.semanticscholar.org/author/Yassine-Slimani/51336345?sort=year	
Academia	https://iabfu.academia.edu/YassineSlimani	
Kudos	https://www.growkudos.com/profile/yassine_slimani	
Loop	https://loop.frontiersin.org/people/1035694/overview	

مواقع التواصل الاجتماعي

#	الموقع	الرابط
	لينكد ان - LinkedIn	http://www.linkedin.com/in/yassine-slimani-86b331a9
	فيس بوك - Facebook	https://www.facebook.com/people/Yassine-Slimani/100009415240775
	تويتر - Twitter	https://twitter.com/SlimaniYassine0
	يوتيوب - YouTube	https://www.youtube.com/channel/featured?view_as=subscriber

الكفاءات والمهارات الشخصية (الحاسب, تقنية المعلومات, التقنية .. الخ)

.1	برامج التوصيف: Origin, Full-Proof, Match, HighScore, Photoshop ...
.2	برامج البرمجة: Pascal, Fortran, Matlab ...
.3	برامج المعالجة: Word, Excel, PowerPoint ...

آخر تحديث

2021/06/27