



## جامعة الموصل / كلية العلوم / قسم الفيزياء

### بحوث قسم الفيزياء المنشورة سنة 2020

رابط البحث	صنفها	سنة النشر	اسم المجلة	اسم الباحث	عنوان البحث	ت
<a href="https://edusj.mosuljournals.com/article_165852.html">https://edusj.mosuljournals.com/article_165852.html</a>	محلية	2020	Journal of Education and Science	ليث محمد الطعان وآخرون	Preparation of Some Benzothiazole Polymers and Study Their Electrical Conductivity Properties	1.
<a href="https://www.ijset.in/wp-content/uploads/IJSET_V9_issue4_34_4.pdf">https://www.ijset.in/wp-content/uploads/IJSET_V9_issue4_34_4.pdf</a>	عالمية	2020	International Journal of Science, Engineering and Technology	أنور عزت وآخرون	optical Properties of Carbon Nano Layer Prepared by Plasma Sputtering from Wasted Batteries	2.
<a href="https://pubmed.ncbi.nlm.nih.gov/32333119">https://pubmed.ncbi.nlm.nih.gov/32333119</a>	Scopus Q1	2020	Mikrochimica Acta	احمد منير سهيل وآخرون	label-free biosensor based on graphene and reduced graphene oxide dual-layer for electrochemical determination of beta-amyloid biomarkers	3.
<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7834970/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7834970/</a>	Scopus Q1	2020	Life Sciences	احمد منير سهيل وآخرون	Biosensors as a future diagnostic approach for COVID-19	4.
<a href="https://edusj.mosuljournals.com/article_166256.html">https://edusj.mosuljournals.com/article_166256.html</a>	محلية	2020	Journal of Education and Science	يحيى عبدالكريم سلمان وآخرون	The Effect of Nickel and Aluminum Concentration on Cyclic Oxidation Resistance of Mild Steel (AISI 1020)	5.
<a href="https://www.ijset.in/wp-content/uploads/IJSET_V9_issue4_35_0.pdf">https://www.ijset.in/wp-content/uploads/IJSET_V9_issue4_35_0.pdf</a>	عالمية	2020	International Journal of Science, Engineering	ادريس عيدان وآخرون	Study of the Structural Properties and Microscopic Hardness of a Carburized Stainless Steel Alloy AISI304	6.

			and Technology			
<a href="https://www.naturalspublishing.com/download.asp?ArtcID=21627">https://www.naturalspublishing.com/download.asp?ArtcID=21627</a>	عالمية	2020	Journal of Radiation and Nuclear Applications	ليث احمد نجم واخرون	Schematic Study of Nuclear Structure for the Nd Isotopes	7.
<a href="https://www.researchgate.net/publication/341149485_ASSESSMENT_OF_RADON_GAS_CONCENTRATIONS_LEVELS_AND_RADIATION_HAZARDS_IN_THE_DWELLINGS_OF_BAGHDAD_PROVINCE_IRAQ">https://www.researchgate.net/publication/341149485_ASSESSMENT_OF_RADON_GAS_CONCENTRATIONS_LEVELS_AND_RADIATION_HAZARDS_IN_THE_DWELLINGS_OF_BAGHDAD_PROVINCE_IRAQ</a>	Scopus Q2	2020	Journal of Chemistry	ليث احمد نجم واخرون	ASSESSMENT OF RADON GAS CONCENTRATIONS LEVELS AND RADIATION HAZARDS IN THE DWELLINGS OF BAGHDAD PROVINCE, IRAQ	8.
<a href="https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/962/782">https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/962/782</a>	Scopus Q3	2020	Iraqi Journal of Science	ليث احمد نجم واخرون	Uranium Concentration in Some Medical Herbs	9.
<a href="https://www.journalofbabylon.com/index.php/JUBPAS/article/view/2999">https://www.journalofbabylon.com/index.php/JUBPAS/article/view/2999</a>	محلية	2020	JOURNAL of UNIVERSITY of BABYLON for Pure and Applied Sciences	ليث احمد نجم واخرون	Long-lived alpha emitters concentrations in the spices consumed in Iraq using CR-39 detector	10
<a href="https://www.naturalspublishing.com/files/published/a321m6qz41x9ky.pdf">https://www.naturalspublishing.com/files/published/a321m6qz41x9ky.pdf</a>	عالمية	2020	Journal of Radiation and Nuclear Applications	ليث احمد نجم واخرون	Radiation hazard of Chemical Fertilizers used in Growing Agriculture Crops in Iraq	11

<a href="https://www.researchgate.net/publication/346326567_Assessment_of_Radiation_Hazards_in_Soil_Samples_from_some_Selected_Areas_of_Mosul_City_in_Iraq?enrichId=rgreq-519ac74f0326785b93959c4177705ee8-XXX&amp;enrichSource=Y292ZXJQYWdIOzM0NjMyNjU2NztBUzo5NzQwNjQ4NDM3NzE5MDdAMTYwOTI0NjU2NDQwMw%3D%3D&amp;el=1_x_3&amp;_esc=publicationCoverPdf">https://www.researchgate.net/publication/346326567_Assessment_of_Radiation_Hazards_in_Soil_Samples_from_some_Selected_Areas_of_Mosul_City_in_Iraq?enrichId=rgreq-519ac74f0326785b93959c4177705ee8-XXX&amp;enrichSource=Y292ZXJQYWdIOzM0NjMyNjU2NztBUzo5NzQwNjQ4NDM3NzE5MDdAMTYwOTI0NjU2NDQwMw%3D%3D&amp;el=1_x_3&amp;_esc=publicationCoverPdf</a>	محلية	2020	Rafidain Journal of Science	ليث احمد نجم واخرون	Assessment of Radiation Hazards in Soil Samples from some Selected Areas of Mosul City in Iraq	12
<a href="https://www.researchgate.net/publication/343629533_Determination_the_effect_of_gamma_radiation_on_CR-39_detector_by_analysis_of_photoelasticity_images_using_MATLAB_software_Determination_the_effect_of_gamma_radiation_on_CR-39_detector_by_analysis_of_p">https://www.researchgate.net/publication/343629533_Determination_the_effect_of_gamma_radiation_on_CR-39_detector_by_analysis_of_photoelasticity_images_using_MATLAB_software_Determination_the_effect_of_gamma_radiation_on_CR-39_detector_by_analysis_of_p</a>	Scopus	2020	IOP Conference Series Materials Science and Engineering	ليث احمد نجم واخرون	Determination the effect of gamma radiation on CR-39 detector by analysis of photoelasticity images using MATLAB software Determination the effect of gamma radiation on CR-39 detector by analysis of photoelasticity images using MATLAB software	13
<a href="https://www.academia.edu/44802312/Quantum_Impedance_of_Proton_and_Beta_Particle_by_Employing_the_DEBroglie_Hypothesis_alongside_Heisenberg_s_Uncertainty_Principle">https://www.academia.edu/44802312/Quantum_Impedance_of_Proton_and_Beta_Particle_by_Employing_the_DEBroglie_Hypothesis_alongside_Heisenberg_s_Uncertainty_Principle</a>	Scopus Q3	2020	Egyptian journal of chem	ليث احمد نجم واخرون	Quantum Impedance of Proton and Beta Particle by Employing the DE Broglie Hypothesis alongside Heisenberg's Uncertai	14
<a href="https://link.springer.com/article/10.1007/s40995-020-00865-9">https://link.springer.com/article/10.1007/s40995-020-00865-9</a>	عالمية	2020	Iranian Journal of Science	ليث احمد نجم واخرون	Magnetic Susceptibility as Proxy for Heavy Metal Pollution Detection in Sediment	15

<a href="https://jsciences.ut.ac.ir/article_79823.html">https://jsciences.ut.ac.ir/article_79823.html</a>	Scopus Q4		Journal of Sciences, Islamic Republic of Iran	ياسر عبدالجواد واخرون	Gamma Ray Radiation Effects Emitted from Am-241 on Some Physiological Cases of Adult Rats	16
<a href="https://sci.uokufa.edu.iq/wp-content/uploads/2021/01/1-13.pdf">https://sci.uokufa.edu.iq/wp-content/uploads/2021/01/1-13.pdf</a>	Scopus Q3	2020	Iranian Journal of Medical Physics	ليث احمد نجم واخرون	Assessment of Annual effective Dose for Different Age Groups based on Radon Concentrations in the Groundwater of Qassim, Saudi Arabia	17
<a href="https://ijmp.mums.ac.ir/article_12595.html">https://ijmp.mums.ac.ir/article_12595.html</a>	Scopus Q3	2020	Iranian Association of Medical Physicists	ليث احمد نجم واخرون	Effects of Low Dose Gamma Ray on Some Hematological Parameters in Adult Rats	18
<a href="https://ijmp.mums.ac.ir/article_12595_7e8e087a0912e8fc3691392614696079.pdf">https://ijmp.mums.ac.ir/article_12595_7e8e087a0912e8fc3691392614696079.pdf</a>	Scopus Q3	2020	International Journal of Nuclear Energy Science and Technology	ليث احمد نجم واخرون	Radioactivity concentrations in barley and wheat crops in Nineveh plain region in Iraq	19
<a href="https://academic.oup.com/rpd/article-abstract/189/2/137/5764706?redirectedFrom=fulltext">https://academic.oup.com/rpd/article-abstract/189/2/137/5764706?redirectedFrom=fulltext</a>	Scopus Q3	2020	Radiation Protection Dosimetry	ليث احمد نجم واخرون	Uranium quantification in groundwater and health risk from its ingestion in and around Tiruvannamalai, Tamil Nadu, India	20
<a href="https://ejournal.um.edu.my/index.php/MJS/article/view/23985/12264">https://ejournal.um.edu.my/index.php/MJS/article/view/23985/12264</a>	Scopus Q3	2020	Malaysian Journal of Science (MJS)	ليث احمد نجم واخرون	NATURAL RADIOACTIVITY LEVELS IN SOIL SAMPLES OF SOME SCHOOLS IN AL-SHATRAH CITY AT DHI QAR GOVERNORATE, IRAQ	21
<a href="https://sciendo.com/article/10.2478/pjmpe-2021-0028">https://sciendo.com/article/10.2478/pjmpe-2021-0028</a>	عالمية	2020	Medical Physics and	ليث احمد نجم واخرون	Contribution of soil in the annual effective dose due to radon in the air of	22

			Engineering		some dwellings in the city of Karbala, Iraq	
<a href="https://ijmp.mums.ac.ir/article_12595.html">https://ijmp.mums.ac.ir/article_12595.html</a>	عالمية	2020	Iranian Association of Medical Physicists	ليث احمد نجم واخرون	MIXED SYMMETRY STATES IN $^{92}\text{Zr}$ AND $^{94}\text{Mo}$ NUCLEI	23
<a href="https://iopscience.iop.org/article/10.1088/1742-6596/1973/1/012155/meta">https://iopscience.iop.org/article/10.1088/1742-6596/1973/1/012155/meta</a>	Scopus	2020	Journal of Physics: Conference Series	ليث احمد نجم واخرون	The Effect of $\alpha$ -Particles on Structural, optical and Morphological Properties for Cadmium Selenide Thin Film	24
<a href="https://iopscience.iop.org/article/10.1088/1742-6596/1999/1/012038/meta">https://iopscience.iop.org/article/10.1088/1742-6596/1999/1/012038/meta</a>	Scopus	2020	Journal of Physics: Conference Series	ليث احمد نجم واخرون	valuation of the Natural Radioactivity of Samples of Some Types of Field Crops in Different Areas of Tikrit, Iraq	25
<a href="https://www.iasj.net/iasj/pdf/5dc15da2763699ae">https://www.iasj.net/iasj/pdf/5dc15da2763699ae</a>	محلية	2020	Rafidain Journal of Science	ليث احمد نجم واخرون	بناء خلية شمسية باعتماد البوليمرات من النوع n و p، وتحسين خصائصها باستخدام أنابيب الكربون النانوية متعددة الجدران	26