

**College of Education for Pure Sciences Research Statistics
for the Academic Years-2021 and 2022**

No	Researcher's name	Journal type	Year of Publication	Journal name	Search title	Search link
1	Nagham M. Hamed and Saeed Naif Turki Al-Rashid	Scopus	2021	International Journal of Nanoscience	Synthesis, Structure and Optical Properties of NiTi Shape Memory Thin Films	https://www.worldscientific.com/doi/abs/10.1142/S0219581X21500150
2	Bilal K. Al-Rawi, Safaa Mustafa Hameed, Mohammed A.M. Alsaadi	Scopus	2021	Materials Science Forum	Simulation of Electronic Structure and some Properties of CdTe Crystals Using DFT	https://www.scientific.net/MSF.1021.1
3	Saad Majeed, Bilal K. Al-Rawi	Scopus	2021	Solid State Technology	A Theoretical and Practical Study of Some Physical and Vibrational Properties of Gallium-Antimonide Nano Crystals	http://solidstatetechnology.us/index.php/JSST/article/view/9422
4	Hussein B. Al-Husseini, Mustapha A.jeba, Salam K. Mousa	Scopus	2021	Neuro Quantology	Chaos Modulation Using Synchronization in Quantum Dot Light Emitting Diode with Optoelectronic Feedback	https://www.researchgate.net/publication/349411433_Chaos_Modulation_Using_Synchronization_in_Quantum_Dot_Light_Emitting_Diode_with_Optoelectronic_Feedback
5	Mustafa S. Otaiwi, Hamid S. AL-Jumaili	Scopus	2021	Solid State Technology	Fabrication and Characterization of ZnO: AL/CuO Nanostructure Hetrojunction Deposited by Chemical Spray Pyrolysis Technique	http://www.solidstatetechnology.us/index.php/JSST/article/view/9777
6	Saad Hameed Al-Fahdawi, Ali Kalaf AobaidAli Kalaf Aobaid	Scopus	2021	2021 IOP Conference Series Materials Science and Engineering	Studying the Nuclear Structure of the (70172Yb102) Deformed Nucleus using (IBM-1) and (GVMI) Models	https://www.researchgate.net/publication/356715383_Studying_the_Nuclear_Structure_of_the_70172Yb102_Deformed_Nucleus_using_IBM-1_and_GVMI_Models
7	Nihad Hameed Shehab Abdul Rahman S. Juma	Scopus	2021	International Journal of Nonlinear Analysis and Applications	Coefficient Bounds of m-Fold Symmetric Bi-Univalent Functions for Certain Subclasses	https://ijnaa.semnan.ac.ir/article_4845.html

8	Mays S. Abdul Ameerb. Abdul Rahman S. Jumac. Raheam A. Al-Saphory	Locally	2021	Al-Qadisiyah Journal of Pure Science (QJPS)	Harmonic Multivalent Functions Defined by General Integral Operator	https://qu.edu.iq/journal/sc/index.php/JOPS/article/view/1234
9	Emad Sh. M. Haddad and Feras Sh. M. Batah	Locally	2021	Journal of Al-Qadisiyah for computer science and mathematics (JQCM)	Methods For Estimating $R_{((S,K))}$ Based On Rayleigh-Pareto Distribution	https://qu.edu.iq/journal/cm/index.php/journalcm/article/view/754
10	Haidar Kadum Yakob and Muthana Badeea Farhan	Scopus	2021	Annals of R.S.C.B.	In Vitro Antibacterial Activity of Sweet Basil Against Escherichia coli O157:H7 Analyzed Using TEM	https://www.annalsofrscb.ro/index.php/journal/article/view/607
11	Osama Yousef	Scopus	2021	Journal of Physics: Conference Series	A comparative Analysis of PV Cell Mathematical Model	
12	Osama Yousef	Scopus	2021	Journal of Physics: Conference Series	A Novel Predictor-Corrector Hally Technique for Determining the Parameters for Nonlinear Solar Cell Equation	
13	Osama Yousef	Locally	2021	Journal of Al-Qadisiyah for Computer Science and Mathematics	Evaluation and Determination of the Parameters of a Photovoltaic Cell by an Iterative Method	
14	Alaa Adnan Auad	Scopus	2021	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	Best Approximation In Linear K-Normed Spaces	
15	Alaa Adnan Auad	Locally	2021	Journal of University of Anbar for Pure Science (JUAPS)	Best multi Approximation of Unbounded Functions by Using Modulus of Smoothness	
16	Alaa Adnan Auad	Locally	2021	Al-Mustansiriyah Journal of Science	trigonometric Approximation by Modulus of Smoothness in $L_p, ? (X)$	
17	Majed Mohamed Abed	Locally	2021	Journal of University of Anbar for Pure Science (JUAPS)	On Q-Injective, Duo Submodules of C_1 -Module	
18	Majed Mohamed Abed	Locally	2021	Journal of Al-Qadisiyah for Computer Science and Mathematics	Duo Submodule and C_1 -module	
19	Majed Mohamed Abed	Locally	2021	Journal of Al-Qadisiyah for Computer Science and Mathematics	Noetherian, Artinian Regular Modules and Injective Property	

20	Majed Mohamed Abed	Scopus	2021	Journal of Physics: Conference Series	Generalizations of Fuzzy k-ideals in a KU-algebra with Semigroup	
21	Majed Mohamed Abed	Scopus	2021	Journal of Physics: Conference Series	P-(S, P) Submodules and C1(Extending) Modules	
22	Majed Mohamed Abed	Scopus	2021	Journal of Physics: Conference Series	A New Results of Injective Module with Divisible Property	
23	Mustafa Ibrahim Hamid	Locally	2021	Al-Qadisiyah Journal of pure science	A New Class of Harmonic Univalent Functions of the Salagean Type	
24	Mustafa Ibrahim Hamid	Scopus	2021	Turkish Journal of Computer and Mathematics Education (TURCOMAT(Applications Of Generalized Hypergeometric Analysis Function Of Second Order Differential Subordination	
25	Mustafa Ibrahim Hamid	Scopus	2021	international journal of computational modeling and physical sciences	Using Quasi-Subordination to Solve the Fekete-Szego Problem for a Subclass of Meromorphic Functions	
26	Mustafa Ibrahim Hamid	Scopus	2021	Journal of Physics: Conference Series	Some Classes Of Analytic Functions For The Third Hankel Determinant	
27	Mustafa Ibrahim Hamid	Scopus	2021	Journal of Physics: Conference Series	Certain Geometric Properties of Meromorphic Functions Defined by a New Linear Differential Operator	
28	Mustafa Ismail Nayef	Locally	2021	Al-Qadisiyah Journal of pure science	The Performance of Some Restricted Estimators In Restricted Linear Regression Model	
29	Mustafa Ismail Nayef	Scopus	2021	Journal of Physics: Conference Series	New restricted biased estimator based on modified unbiased ridge regression estimator	
30	Mustafa Ismail Nayef	Scopus	2021	Journal of Physics: Conference Series	New Procedure for Selecting Raise Vector in Raising Regression	
31	Muna Hussein Ali	Scopus	2021	Journal of Physics: Conference Series	Some Classes Of Analytic Functions For The Third Hankel Determinant	
32	Esraa Abdel Karim	Scopus	2021	Annals of the Romanian Society for Cell Biology	Comparison of Mrt-PCR Method with Microscopy for Giardialamblia Diagnosis	

33	Thaer Abdel Qader Saleh	Scopus	2021	Biotechnology Law Report	In vitro scolicidal activity of synthesised silver nanoparticles from aqueous plant extract against Echinococcus granulosus	
34	Thaer Abdel Qader Saleh	Scopus	2021	Journal of Environmental Chemical Engineering	Facile green synthesis of Ag/AgCl nanoparticles derived from Chara algae extract and evaluating their antibacterial activity and synergistic effect with antibiotics	
35	Thaer Abdel Qader Saleh	Scopus	2021	Annals of the Romanian Society for Cell Biology	Genetically Diagnosing Cyclospora and Some Parasitic, Viral and Bacterial Organisms for Patients with Diarrhea Arriving to Fallujah Teaching Hospital -Iraq, And Studying Some Immunological, Physiological and Hematological Parameters	
36	Thaer Abdel Qader Saleh	Scopus	2021	Annals of the Romanian Society for Cell Biology	Non Enzymatic Method to Isolation Toxoplasma Gondii from Placental Tissue and Effect on Lipid Peroxidation in Pregnant Women in Al-Ramadi City	
37	Thaer Abdel Qader Saleh	Scopus	2021	Annals of the Romanian Society for Cell Biology	Evaluation of Nelson-Modified Method and ELISA in the Diagnosis of Cryptosporidium Parvum	
38	Harith Kamel	Scopus	2021	Medico-Legal Update	Distinguish between Two Species of streptococcus by sk gene	
39	Haider Kazem Yacoub	Scopus	2021	Annals of the Romanian Society for Cell Biology	In Vitro Antibacterial Activity of Sweet Basil Against Escherichia coli O157:H7 Analyzed Using TEM	
40	Samir Sarhan Khalil	Scopus	2021	Journal of Physics: Conference Series	Biological control on plant pathogenic fungus, Pythium by using some plant extracts in vivo and in vitro	
41	Dhafer Fakhry Abdel Qader	Scopus	2021	Journal of Physics: Conference Series	Production of Cellulase and bioethanol by ethanol-tolerant coculture of Bacillus cereus and Fusarium solani	
42	Farkad Hawas Musa	Scopus	2021	Journal of University of Anbar for Pure Science (JUAPS)	Staphylococcus Aureus Virulence Factors and it's Resistance to Antibiotics	
43	Farkad Hawas Musa	Scopus	2021	Journal of Physics: Conference Series	Biological control on plant pathogenic fungus, Pythium by using some plant extracts in vivo and in vitro	

44	Mohamed Fadel Abboud	Scopus	2021	Journal of Physics: Conference Series	Production of Cellulase and bioethanol by ethanol-tolerant coculture of Bacillus cereus and Fusarium solani	
45	Anmar Dirar Kosaj Shbut Al-Jubouri	Scopus	2021	Materials Science Forum	Estimation of Radionuclide Concentration in Medical Waste	
46	Bilal Kamal Ahmed	Scopus	2021	Materials Science Forum	Simulation of Electronic Structure and some Properties of CdTe Crystals Using DFT	
47	Bilal Kamal Ahmed	Scopus	2021	Solid State Technology	A Theoretical and Practical Study of Some Physical and Vibrational Properties of Gallium-Antimonide Nano Crystals	
48	Jamal Fadel Muhammad	Scopus	2021	Digest Journal of Nanomaterials and Biostructures	ELECTRICAL CHARACTERIZATION OF NANOCRYSTALLINE ZINC OXIDE/ POURS SILICON HETEROJUNCTION FOR SOLAR CELLS	
49	Hamed Saleh Abtan	Scopus	2021	IOP Conference Series: Materials Science and Engineering	NO₂ gas sensor properties of In₂O₃-CuO Nanocomposite thin films prepared by chemical spray pyrolysis	
50	Hamed Saleh Abtan	Scopus	2021	Solid State Technology	Fabrication and Characterization of ZnO:Al/CuO Nanostructure Hetrojunction Deposited by Chemical Spray Pyrolysis Technique	
51	Said Nayef Turki	Scopus	2021	International Journal of Nanoscience	Synthesis, Structure and Optical Properties of NiTi Shape Memory Thin Films	
52	Salam Khalaf Mousa	Scopus	2021	Optical and Quantum Electronics	Realization of a novel chaotic system using coupling dual chaotic system	
53	Salam Khalaf Mousa	Scopus	2021	NeuroQuantology	Chaos Modulation Using Synchronization in Quantum Dot Light Emitting Diode with Optoelectronic Feedback	
54	Salam Khalaf Mousa	Scopus	2021	Interciencia	Quantum-Dot Laser Behavior under External Optical Feedback	
55	Samira Adnan Thrithar	Scopus	2021	Review of International Geographical Education Online	The Influence of using Anthony Model for Guided Reading on the Achievement of Physics and Convergent Thinking among Students of the College of Agriculture	
56	Mazen Hamed Hassan	Scopus	2021	Journal of Physics: Conference Series	The Effect of Different Thickness on The Optical and Electrical Properties of TiO₂ Thin Films	
57	Walid Badawi Saleh	Scopus	2021	Design Engineering ((Toronto	Manufacture of wood processor from unsaturated polyester foam and walnut husk waste	

58	Bashar Abdulaziz Mahmoud	Scopus	2021	IOP Conference Series: Earth and Environmental Science	A study of lead pollution element in selected samples of soils of some areas of Anbar province, Iraq	
59	Bashar Abdulaziz Mahmoud	Scopus	2021	Journal of Physics: Conference Series	Influence of Waste Engine Oil Addition on the Properties of Natural Asphalt	
60	Shakir Faris Tuleab	Scopus	2021	Clinical Schizophrenia and Related Psychoses	The Relationship between Copeptin and Some of the Biomarkers in Iraqi Myocardial Infarction Patients	
61	Muthanna Mohammed Sarhan	Scopus	2021	Iraqi Journal of Agricultural Sciences	COMPARATIVE STUDY OF REMOVAL POLLUTANTS (HEAVY METALS) BY AGRICULTURAL WASTES AND OTHER CHEMICAL FROM THE AQUEOUS SOLUTIONS	
62	Abdul Rahman Salman Juma	Scopus	2022	Baghdad Science Journal	Third order differential subordination for analytic functions involving convolution operator	
63	Abdul Rahman Salman Juma	Scopus	2022	Iraqi Journal of Science	Estimates of Coefficient for Certain Subclasses of - Fold Symmetric Bi-Univalent Functions	
64	Abdul Rahman Salman Juma	Scopus	2022	Iraqi Journal of Science	Harmonic Multivalent Functions Associated with Generalized Hypergeometric Functions	
65	Abdul Rahman Salman Juma	Scopus	2022	Afrika Matematika	Upper bound on the third hankel determinant for the class of univalent functions using an integral operator	
66	Majed Mohamed Abed	Scopus	2022	AIP Conference Proceeding	Injective module and C1-module	https://aip.scitation.org/doi/abs/10.1063/5.0066842
67	Majed Mohamed Abed	Scopus	2022	Neutrosophic Sets and Systems	On Neutrosophic Multiplication Module	https://digitalrepository.unm.edu/cgi/viewcontent.cgi?article=2047&context=nss-journal
68	Majed Mohamed Abed	Scopus	2022	Iraqi Journal of Science	On Indeterminacy (Neutrosophic) of Hollow Modules	https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/4737
69	Osama Yousef	Scopus	2022	AIP Conference Proceedings	Orthogonal Boubaker-Turki polynomials algorithm for problems arising in engineering	https://aip.scitation.org/doi/abs/10.1063/5.0066860
70	Osama Yousef	Scopus	2022	Filomat	Optimal Estimates of Approximation Errors for Strongly Positive Linear Operators on Convex Polytopes	http://www.doiserbia.nb.rs/Article.aspx?id=0354-51802202695A#.YstP53bMJA8

71	Mohamed Youssef Turki	Scopus	2022	International Journal of Nonlinear Analysis and Applications	The general implicit-block method with two-points and extra derivatives for solving fifth-order ordinary differential equations	https://ijnaa.semnan.ac.ir/article_5650.html
72	Muna Hussein Ali	Scopus	2022	Iraqi Journal of Science	A certain Subclass of Meromorphically Multivalent Q-Starlike Functions Involving Higher-Order Q-Derivatives	https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/4416
73	Ali Khalaf Obaid	Scopus	2022	Egyptian Journal of Chemistry	Manufacture shield from nano-rubber composite to protection from X-ray radiation	https://ejchem.journals.ekb.eg/article_181941.html
74	Ali Khalaf Obaid	Scopus	2022	Egyptian Journal of Chemistry	Effect of TiO ₂ on the mechanical properties of natural rubber (SMR 30) and X-Ray penetration resistance	https://journals.ekb.eg/article_181938.html
75	Said Nayef Turki	Scopus	2022	East European Journal of Physics	STUDY OF ELECTRICAL PROPERTIES OF NANO TiO ₂ COATINGS BASED ON THE CHARACTERISTIC MATRIX THEORY AND THE BRUS MODEL	
76	Walid Badawi Saleh	Scopus	2022	Materials Science Forum	Recycling of Waste Medical Plastic Syringes in Manufacturing Low-Cost Structural Sections	https://www.scientific.net/MSF.1050.115
77	Walid Badawi Saleh	Scopus	2022	Neuro Quantology	Exploiting the Waste of Pistachio Shells to Reinforce the Unsaturated Polyester	
78	Walid Sobhi Howish	Scopus	2022	Eurasian Physical Technical Journal	NUCLEAR STRUCTURE OF THE HEAVIEST BORON ISOTOPE	
79	Walid Sobhi Howish	Scopus	2022	East European Journal of Physics	SOLUTIONS OF THE SCHRÖDINGER EQUATION WITH HUL NEUTRON POSITION FOR BETA (β^-) DECAY AND NEUTRON \uparrow EMISSION	
80	Jamal Fadel Muhammad	Scopus	2022	Iraqi Journal of Science	Effects of the Changes in the Neutron Number of Isotonic Nuclei on the Two-Component Partial Level Density Formula Corrected for Pairing in Pre-Equilibrium Reactions	https://ijs.uobaghdad.edu.iq/index.php/eijs/article/view/3554
81	Salam Khalaf Mousa	Scopus	2022	Optical and Quantum Electronics	Image encryption based on computer generated hologram and Rossler chaotic system	https://link.springer.com/article/10.1007/s11082-021-03406-9
82	Salam Khalaf Mousa	Scopus	2022	International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA)	Phase-Coupled Synchronization with Optoelectronic Feedback	https://ieeexplore.ieee.org/abstract/document/9799889

83	Salam Khalaf Mousa	Scopus	2022	Journal of Optics	Theoretical evidence for synchronous and multi-scroll attractors in coupled quantum dot light-emitting diode	https://link.springer.com/article/10.1007/s12596-021-00793-w
84	Maher Nouri Thamil	Scopus	2022	Coating	Low-Temperature CVD-Grown Graphene Thin Films as Transparent Electrode for Organic Photovoltaics	https://www.researchgate.net/publication/360639304_Low-Temperature_CVD-Grown_Graphene_Thin_Films_as_Transparent_Electrode_for_Organic_Photovoltaics
85	Sherine Mohamed Abed	Scopus	2022	Colloids and Interface Science Communications,	Realization of UV-C absorption in ZnO nanostructures using fluorine and silver co-doping	
86	Sherine Mohamed Abed	Scopus	2022	Microelectronics International	Fabrication of fluorine and silver co-doped ZnO photodetector using modified hydrothermal method	
87	Shakir Faris Tuleab	Scopus	2022	Egyptian Journal of Chemistry	Serum Biomarkers of Bone and Immune Function for Diagnosis of Rheumatoid Arthritis	
88	Shakir Faris Tuleab	Scopus	2022	Pertanika Journal of Science and Technology	The Relationships of Interleukin-33, Ve-Cadherin and Other Physiological Parameters in Male Patients with Rheumatoid Arthritis	
89	Shakir Faris Tuleab	Scopus	2022	Reports of Biochemistry and Molecular Biology	Relationship Between IL-2, IL-17 Concentrations, and Serum Creatinine Levels in Men with Chronic Kidney Diseases	
90	Ruaa Mahdi Saleh	Scopus	2022	International Journal of Mechanical Engineering	Sputtering Deposition to Modify the Corrosion Resistance Properties of Ti6Al4V Biomaterials	
91	Muthanna Mohammed Awad	Scopus	2022	Jordan Journal of Biological Sciences	Gene Expression of Heat Shock Protein 90 (HSP90AA1 and HSP90AB1) in Thyroid Disorders Patients	
92	Muthanna Mohammed Awad	Scopus	2022	Pertanika Journal of Science and Technology	The Relationships of Interleukin-33, Ve-Cadherin and Other Physiological Parameters in Male Patients with Rheumatoid Arthritis	http://www.pertanika.upm.edu.my/resources/files/Pertanika%20PAPERS/impress/jst/07%20JST-2920-2021.pdf
93	Thaer Abdul Qadir Saleh	Scopus	2022	Indian Journal of Forensic Medicine & Toxicology	Studying of Some Physiological Parameters in Patients with Inflammatory Bowel Disease (IBD) in Al-Anbar Province.	
94	Luay H. Ali Al-Dulaimi	Scopus	2022	Molecular and Cellular Biochemistry	Punicalagin protects against the development of pancreatic injury and insulinitis in rats with induced T1DM by reducing inflammation and oxidative stress	

95	Hiba Abbas Jasim Mohammed	Scopus	2022	Biomedicine and Pharmacotherapy	Peristrophe bicalyculata (Retz) Nees contains principles that are cytotoxic to cancer cells and induce caspase-mediated, intrinsic apoptotic death through oxidative stress, mitochondrial depolarisation and DNA damage	https://www.sciencedirect.com/science/article/pii/S0753332221013846
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