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المملكة العربية السعودية
وزارة التعليم
جامعة الجوف
كلية العلوم
رمزه (44/9/51)

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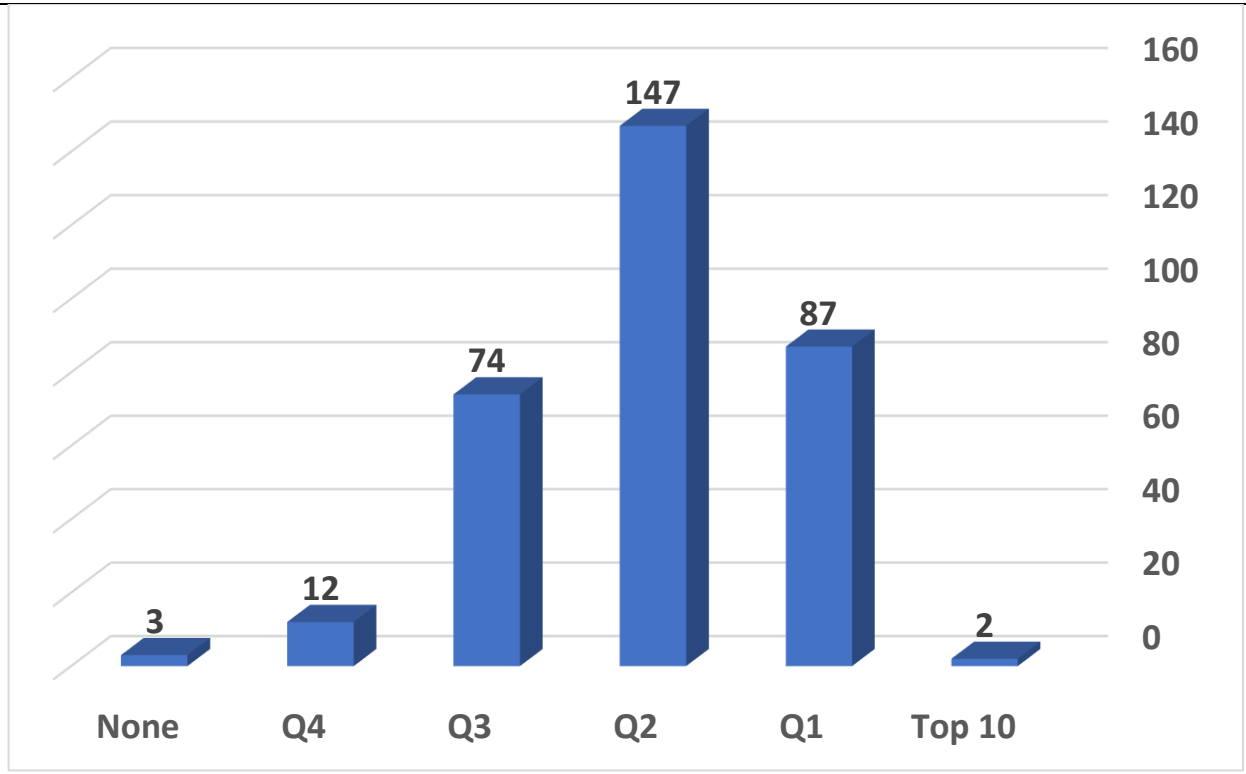

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Scientific Name	Academic Rank	Article Title	Journal Name	Indexed In	Link or DOI	Journal Rank	Category Rank
A. Atta	Associate Professor	Enhanced dielectric properties of flexible Cu/polymer nanocomposite films	Surface Innovations	WoS &Scopus	https://doi.org/10.1680/jsuin.20.00020	9/21	Q3
Hani Negm	Assistant Professor	Feasibility study of using the artificial neural network modeling for estimation the radiological levels for the environmental samples	Journal of Radiation Research and Applied Sciences	WoS	https://doi.org/10.1016/j.jrras.2022.01.001	43/72	Q3
Alzahraa Abd Elmoula	Assistant Professor	Impacts of Decomposition Atmosphere on Surface Properties and Crystal Structure Characteristics of Praseodymia	egypt journal of chemistry	Scopus	https://ejchem.journals.ekb.eg/article_220599.html	none	Q3
A. Atta	Associate Professor	Effects of polyaniline and silver nanoparticles on the structural characteristics and electrical properties of methylcellulose polymeric films	Inorganic Chemistry Communications	WoS &Scopus	https://doi.org/10.1016/j.inoche.2021.109085	21/45	Q2
A. Atta	Associate Professor	Oxygen plasma irradiation-induced surface modifications on HDPE and PET polymeric films	Journal of the Korean Physical Society	WoS &Scopus	https://doi.org/10.1007/s40042-021-00224-w	80/86	Q4
J.Laifi	Assistant Professor	(001) and (11n)n = 1,3 GaAs substrate orientations for growth of GaN layers by AP-MOVPE: impact of GaN buffer layer thickness	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	WoS	10.1007/s10854-022-07905-7	x	Q3
T.A. Taha	Assistant Professor	A butterfly shaped organic heterojunction photocatalyst for effective photocatalytic CO2 reduction	CrystEngComm	WoS &Scopus	https://doi.org/10.1039/D1CE00405K	6/26	Q1

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T.A. TAHA	Assistant Professor	A molecular amalgamation of carbon nitride polymer as emphasized photocatalytic performance	International Journal of Energy Research	WoS &Scopus	https://doi.org/10.1002/er.7063	1/34	Q1
Alrowaili, ZA	Associate Professor	A Review of Chemotherapy and Photodynamic Therapy for Lung Cancer Treatment	ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY	WoS &Scopus	https://doi.org/10.2174/1871520620666200403144945	45/62	Q3
Z. A. Alrowaili	Associate Professor	A significant role of MoO3 on the optical, thermal, and radiation shielding characteristics of B2O3–P2O5–Li2O glasses	Optical and Quantum Electronics	WoS	https://doi.org/10.1007/s11082-021-03447-0	80/120	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	A Significant Role of Tb2O3 on the Optical Properties and Radiation Shielding Performance of Ga2O3-B2O3-Al2O3-GeO2 Glasses	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s10904-021-02040-y	30/90	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	A Study of Thermal, and Optical Properties of 22SiO(2)-23Bi(2)O(3)-37B(2)O3-13TiO(2)-(5-x) LiF- x BaO Glasses	SILICON	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s12633-021-01440-6	104/162	Q3
T.A. Taha	Assistant Professor	A Superficial Intramolecular Alignment of Carbon Nitride through Conjugated Monomer for Optimized Photocatalytic CO2 Reduction	Catalysts	WoS &Scopus	https://doi.org/10.3390/catal11080935	67/162	Q2
Taha A. Taha	Assistant Professor	Amolecular amalgamation of carbon nitride polymer as emphasized photocatalytic performance	International Journal of Energy Research	WoS &Scopus	https://doi.org/10.1002/er.7063	1/26	Q1

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M. F. Hasaneen	Assistant Professor	Amorphous molybdenum trioxide thin films for gas sensing applications	Sensors and Actuators: A. Physical	WoS	https://doi.org/10.1016/j.sna.2021.113355	17/64	Q2
W.S.Mohamed	Assistant Professor	Amorphous molybdenum trioxide thin films for gas sensing applications	Sensors and Actuators A: Physical	WoS	https://www.sciencedirect.com/science/article/abs/pii/S0924424721008189	80	Q2
Mohamed A. M. Uosif	Professor	An extended assessment of natural radioactivity in the sediments of the mid-region of the Egyptian Red Sea coast	MARINE POLLUTION BULLETIN	WoS &Scopus	DOI10.1016/j.marpolbul.2021.112658	3/110	Q1
Mohamed A. M.Uosif	Professor	An extended assessment of natural radioactivity in the sediments of the mid-region of the Egyptian Red Sea coast	MARINE POLLUTION BULLETIN	WoS &Scopus	DOI10.1016/j.marpolbul.2021.112658	3/110	Q1
Z. Alrowaili	Associate Professor	An important role of Ba2+, Sr2+, Mg2+, and Zn2+ in the radiation attenuation performance of CFCBPC bioactive glasses	Journal of the Australian Ceramic Society	WoS	https://doi.org/10.1007/s41779-022-00704-7	80/120	Q3
Alrowaili, ZA (Alrowaili, Ziyad Awadh)	Associate Professor	Antibiotic-Loaded Psyllium Husk Hemicellulose and Gelatin-Based Polymeric Films for Wound Dressing Application	PHARMACEUTICS	WoS &Scopus	https://doi.org/10.3390/pharmaceutics13020236	29/276	Q1
C. Bilel	Assistant Professor	Atomistic mechanism effects on the growth of GaAsBi AND GaAs nanowires	Solid State Communications	WoS	https://doi.org/10.1016/j.ssc.2022.114722	xx	Q3
Z. A. Alrowaili	Associate Professor	Attenuation properties and radiation protection efficiency of Tb2O3-La2O3-P2O5 glass system	Journal of the Australian Ceramic Society	WoS	https://doi.org/10.1007/s41779-022-00707-4	100/150	Q3

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Meshal Alzaid	Assistant Professor	Biomass derived activated carbon based hybrid supercapacitors	Journal of Energy Storage	WoS &Scopus	https://doi.org/10.1016/j.est.2021.102751	28/114	Q1
T.A. Taha	Assistant Professor	Biomass Lignin Integrated Polymeric Carbon Nitride for Boosted Photocatalytic Hydrogen and Oxygen Evolution Reactions	Molecular Catalysis	WoS	https://doi.org/10.1016/j.mcat.2021.112064	56/162	Q2
Massaud Mostafa	Assistant Professor	Biosynthesis of Zinc Oxide Nanoparticles Using Leaf Extract of Prosopis juliflora as Potential Photocatalyst for the Treatment of Paper Mill Effluent	Applied science	Wos	https://doi.org/10.3390/app112311394	60	Q2
Z. A. Alrowaili	Associate Professor	Bipyridine-based polybenzimidazole as a nitrogen-rich ionomer and a platinum nanoparticle support for enhanced fuel cell performance	Fuel	WoS	https://doi.org/10.1016/j.fuel.2021.122954	10/100	Q1
Alrowaili, Z. A. & Alrowaili, Ziyad A. & Alrowaili, Ziyad Awadh	Associate Professor	Boosting the catalytic efficiency of platinum nanoparticles supported on pristine carbon nanotubes: Synergistic effects of conducting polymers	FUEL	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.fuel.2021.121681	27/114	Q1
N.M.A. Hadia	Associate Professor	Change in properties upon thermal treatment of copper sulphide powder and thin films	Bulletin Of Materials Science	WoS &Scopus	https://doi.org/10.1007/s12034-021-02379-5	263/334	Q4
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Characterization of physicochemical properties of As2Se3-GeTe-AgI chalcohalide glasses for solar cell and IR applications: influence of adding AgI	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s10854-021-07350-y	215/334	Q3

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A. M. A. Mostafa	Associate Professor	Characterization of synthesized xBaO-(40-x)Li2O- 60B2O3 glass system: a multi-dimensional research on optical and physical properties	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	WoS &Scopus	10.1007/s10854-021-06265-y	83/160	Q3
N.M.A. Hadia	Associate Professor	Charge carrier modulation in dual-gated graphene field effect transistor using honey as polar organic gate dielectric	Applied Physics A-materials Science & Processing	WoS &Scopus	https://doi.org/10.1007/s00339-021-04581-y	77/160	Q2
C. Bilel	Assistant Professor	Charge carrier modulation in dual-gated graphene field effect transistor using honey as polar organic gate dielectric	Applied Physics A	WoS &Scopus	https://doi.org/10.1007/s00339-021-04581-y	201/455	Q2
W.S.Mohamed	Assistant Professor	Charge carrier modulation in dual-gated graphene field effect transistor using honey as polar organic gate dielectric	Applied Physics A	WoS &Scopus	https://doi.org/10.1007/s00339-021-04581-y	30/125	Q2
A. Atta	Associate Professor	Comparative analysis of different charged particles emerging from a broad beam ion source	Radiation Physics and Chemistry	WoS &Scopus	https://doi.org/10.1016/j.radphyschem.2021.109718	3/34	Q1
Mebed	Professor	Comparative study of anodization of small-scale and wafer-scale aluminum films on a silicon substrate and controlling pores shape for practical applications	Journal of Electroanalytical Chemistry	Wos	https://doi.org/10.1016/j.jelechem.2021.115367	20/83	Q1
Meshal Alzaid	Assistant Professor	Comparative study of anodization of small-scale and wafer-scale aluminum films on a silicon substrate and controlling pores shape for practical applications	Journal of Electroanalytical Chemistry	WoS &Scopus	https://doi.org/10.1016/j.jelechem.2021.115367	20/87	Q1

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Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Comparison of different adsorption pairs based on zeotropic and azeotropic mixture refrigerants for solar adsorption ice maker	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s11356-021-13535-z	91/274	Q2
M. F. Hasaneen	Assistant Professor	Comparison of different adsorption pairs based on zeotropic and azeotropic mixture refrigerants for solar adsorption ice maker	Environmental Science and Pollution Research	WoS &Scopus	https://doi.org/10.1007/s11356-021-13535-z	55/274	Q1
Massaud mostafa, M.Mostafa	Assistant Professor	Comparison of different adsorption pairs based on zeotropic and azeotropic mixture refrigerants for solar adsorption ice maker	Environmental Science and Pollution Research	Wos	https://doi.org/10.1007/s11356-021-13535-z	95	Q2
Z. A. Alrowaili	Associate Professor	Comparison of different adsorption pairs based on zeotropic and azeotropic mixture refrigerants for solar adsorption ice maker	Environmental Science and Pollution Research	WoS &Scopus	https://doi.org/10.1007/s11356-021-13535-z	91/274	Q2
Hani Negm	Assistant Professor	Comprehensive simulation study on CT isotope imaging beyond the experiment on the 208Pb based on nuclear resonance fluorescence	Journal of Nuclear Science and Technology	WoS	DOI: 10.1080/00223131.2021.2016511	13/34	Q2
Alhulw H. Alshammari	Assistant Professor	Controlling the Structural Properties and Optical Bandgap of PbO–Al2O3 Nanocomposites for Enhanced Photodegradation of Methylene Blue	Catalysts	WoS	https://doi.org/10.3390/catal12020142	-------	None
Taha A. Taha	Assistant Professor	Controlling the Structural Properties and Optical Bandgap of PbO–Al2O3 Nanocomposites for Enhanced Photodegradation of Methylene Blue	Catalysts	WoS	https://doi.org/10.3390/catal12020142	0	Q2
Abdelazim M Meded	Professor	Controlling the Structural Properties and Optical Bandgap of PbO–Al2O3	Catalysts	WoS	https://doi.org/10.3390/catal12020142	67/162	Q2

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		Nanocomposites for Enhanced Photodegradation of Methylene Blue					
Nomery Mohamed Abass Hadia (N.M.A. Hadia)	Associate Professor	Converting Sewage Water into H2 Fuel Gas Using Cu/CuO Nanoporous Photocatalytic Electrodes	Materials	WoS	https://doi.org/10.3390/ma15041489	76/162	Q2
Meshal Alzaid	Assistant Professor	Copper doped cobalt-manganese phosphate ternary composites for high-performance supercapattery devices	JOURNAL OF ENERGY STORAGE	WoS &Scopus	10.1016/j.est.2021.102307	28/114	Q1
N.Zaidi	Assistant Professor	DC-Bias Dependent Impedance and UV-Vis Diffuse Reflectance Spectroscopy of The Un-Doped and Nb-Doped Ba0. 97La0. 02TiO3 Ceramics	Journal of Alloys and Compounds	Wos	https://doi.org/10.1016/j.jallcom.2021.161524	11 / 153	Q2
Kh. O. Kassem	Associate Professor	Design of mesoporous ZnO @ silica fume-derived SiO2 nanocomposite as photocatalyst for efficient crystal violet removal: Effective route to recycle industrial waste	Journal of Cleaner Production	WoS &Scopus	doi.org/10.1016/j.jclepro.2021.129416	25	Q1
Alrowaili, Z. A.& Alrowaili, Ziyad A. & Alrowaili, Ziyad Awadh	Associate Professor	Design of mesoporous ZnO @ silica fume-derived SiO2 nanocomposite as photocatalyst for efficient crystal violet removal: Effective route to recycle industrial waste	JOURNAL OF CLEANER PRODUCTION	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.jclepro.2021.129416	6/54	Q1
Z. A. Alrowaili	Associate Professor	Determining the optical properties and simulating the radiation shielding parameters of Dy3+ doped lithium yttrium borate glasses	Optik	WoS	https://doi.org/10.1016/j.ijleo.2021.168318	80/100	Q3

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Z. A. Alrowaili	Associate Professor	Development and Characterization of Gentamicin-Loaded Arabinoxylan-Sodium Alginate Films as Antibacterial Wound Dressing	International journal of molecular sciences	WoS	https://doi.org/10.3390/ijms23052899	50/150	Q1
Z. A. Alrowaili	Associate Professor	DFT study of 2D graphitic carbon nitride based preferential targeted delivery of levosimendan, a cardiovascular drug	Computational and Theoretical Chemistry	WoS	https://doi.org/10.1016/j.comptc.2021.113584	90/120	Q3
Meshal Alzaid	Assistant Professor	Drive towards Sonochemically Synthesized Ternary Metal Sul!de for High-Energy Supercapattery	Energy Technology	WoS &Scopus	https://doi.org/10.1002/ente.202100110	66/114	Q3
N.M.A. Hadia	Associate Professor	Drive towards Sonochemically Synthesized Ternary Metal Sulfide for High-Energy Supercapattery	Energy Technology	WoS &Scopus	https://doi.org/10.1002/ente.202100110	66/114	Q3
W.S.Mohamed	Assistant Professor	Drive towards Sonochemically Synthesized Ternary Metal Sulfide for High-Energy Supercapattery	Energy Technology	WoS &Scopus	10.1002/ente.202100110	20/125	Q1
Meshal Alzaid	Assistant Professor	Effect of an optimal oxide layer on the efficiency of graphene-silicon Schottky junction solar cell	International Journal of Energy Research	WoS &Scopus	https://doi.org/10.1002/er.6962	1/34	Q1
Nomery Mohamed Abass Hadia (N.M.A. Hadia)	Associate Professor	Effect of Au Plasmonic Material on Poly M-Toluidine for Photoelectrochemical Hydrogen Generation from Sewage Water	Polymers	WoS	https://doi.org/10.3390/polym14040768	18/90	Q1
A. Tozri	Assistant Professor	Effect of Bi substitution on nanostructural, morphologic, and electrical behavior of nanocrystalline La1-xBixNi0.5Ti0.5O3 (x=0 and x=0.2) for the electrical devices	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL	WoS &Scopus	10.1016/j.mseb.2021.115191	129 of 334	Q2

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			SOLID-STATE MATERIALS				
Z. A. Alrowaili	Associate Professor	Effect of Calcination Temperature on the Structural and Optical Properties of (ZnO) 0.8 (ZrO2) 0.2 Nanoparticles	Journal of Inorganic and Organometallic Polymers and Materials	WoS	https://doi.org/10.1007/s10904-022-02238-8	90/120	Q3
N.Zaidi	Assistant Professor	Effect of Nb substitution on the structural, dielectric and modulus character of Ba0.97La0.02TiO3 ceramics	Inorganic Chemistry Communications	Wos	https://doi.org/10.1016/j.inoche.2021.108628	11667	Q1
N.M.A. Hadia	Associate Professor	Effect of surfactant concentration on the morphology and thermoelectric power factor of PbTe nanostructures prepared by a hydrothermal route	Physica E: Low-dimensional Systems and Nanostructures	WoS &Scopus	https://doi.org/10.1016/j.physe.2020.114396	28/69	Q2
Mohamed A. M. Uosif	Professor	Effects of Nd2O3 substitution on the mechanical and radiation shielding properties of alumino-borobismuthate glasses	EUROPEAN PHYSICAL JOURNAL PLUS	WoS &Scopus	DOI10.1140/epjp/s13360-021-01421-z	20/86	Q1
A. M. A. Mostafa	Associate Professor	Effects of Nd2O3 substitution on the mechanical and radiation shielding properties of alumino-borobismuthate glasses	EUROPEAN PHYSICAL JOURNAL PLUS	WoS &Scopus	10.1140/epjp/s13360-021-01421-z	20/86	Q1
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Effects of Nd2O3 substitution on the mechanical and radiation shielding properties of alumino-borobismuthate glasses	EUROPEAN PHYSICAL JOURNAL PLUS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1140/epjp/s13360-021-01421-z	20/86	Q1

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A Atta	Associate Professor	Effects of polyaniline and silver nanoparticles on the structural characteristics and electrical properties of methylcellulose polymeric films	Inorganic Chemistry Communications	WoS	https://doi.org/10.1016/j.inoche.2021.109085	0	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Effects of TeO2/B2O3 substitution on synthesis, physical, optical and radiation shielding properties of ZnO-Li2O-GeO2-Bi2O3 glasses	CERAMICS INTERNATIONAL	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.ceramint.2021.07.192	3/29	Q1
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Elastic properties and radiation shielding ability of ZnO-P2O5/B2O3 glass system	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s10854-021-06442-z	83/160	Q3
A. CHERIF	Assistant Professor	Electrical and Dielectric Properties of a Dy2O3 MOS Capacitor	Journal of Electronic Materials	WoS	https://doi.org/10.1007/s11664-021-09391-9	11592	Q3
A. Cherif	Assistant Professor	Electrical and Dielectric Properties of a Dy2O3 MOS Capacitor	Journal of Electronic Materials	WoS	https://doi.org/10.1007/s11664-021-09391-9	-	Q3
Ahlem Cherif	Assistant Professor	Electrical and Dielectric Properties of a Dy2O3 MOS Capacitor	Journal of Electronic Materials	Wos	https://doi.org/10.1007/s11664-021-09391-9	125	Q3
N.M.A. Hadia	Assistant Professor	Ellipsometric evaluation and morphology of mixed zinc sulfide/zinc oxide and zinc oxide	Canadian Journal of Physics	WoS &Scopus	https://doi.org/10.1139/cjp-2018-0945	65/86	Q4

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		nanostructures synthesized at various temperatures					
A. Atta	Associate Professor	Enhanced dielectri properties of flexible Cu/polymer nanocomposite films	Surface Innovations	Wos	https://doi.org/10.1680/jsuin.20.00020	91/162	Q2
M.R Atta	Assistant Professor	Enhanced optical, morphological, dielectric, and conductivity properties of gold nanoparticles doped PVA/CMC blend as an application in organoelectronic devices	Journal of Materials Science: Materials in Electronics (JMSE)	Wos	https://doi.org/10.1007/s10854-021-05701-3	132/266	Q2
Meshal Alzaid	Assistant Professor	Enhancement in Optical Properties of Lanthanum-Doped Manganese Barium Hexaferrites under Different Substitutions	Advances in Condensed Matter Physics	WoS &Scopus	https://doi.org/10.1155/2021/8849595	49/69	Q3
R. M. El-Agmy	Associate Professor	Enhancement of spectroscopic parameters of Er3+-doped cadmium lithium gadolinium silicate glasses as an active medium for lasers and optical amplifiers in the NIR-region	Solid state sciences	WoS &Scopus	https://doi.org/10.1016/j.solidstatesciences.2021.106539	32/69 Physics	Q2
AA. El-Maaref	Associate Professor	Enhancement of spectroscopic parameters of Er3+-doped cadmium lithium gadolinium silicate glasses as an active medium for lasers and optical amplifiers in the NIR-region	Solid State Sciences	WoS &Scopus	https://doi.org/10.1016/j.solidstatesciences.2021.106539	32/69	Q2
A.A. El-Maaref	Associate Professor	Enhancement of spectroscopic parameters of Er3+-doped cadmium lithium gadolinium silicate glasses as an active medium for lasers and optical amplifiers in the NIR-region	Solid State Sciences	Wos	https://doi.org/10.1016/j.solidstatesciences.2021.106539	32/69	Q2

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MR Atta	Assistant Professor	Enhancing the structural, thermal, and dielectric properties of the polymer nanocomposites based on polymer blend and barium titanate nanoparticles for application in energy storage	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	WoS	https://doi.org/10.1002/er.7703	43/114	Q1
Z. A. Alrowaili	Associate Professor	Environmentally compatible and highly improved hole transport materials (HTMs) based on benzotrithiophene (BTT) skeleton for perovskite as well as narrow bandgap donors for organic solar cells	Solar Energy	WoS	https://doi.org/10.1016/j.solener.2021.12.010	12/100	Q1
Kassem Kh, O.	Associate Professor	Estimation of Clear-Sky Global Solar Radiation Using Hottel's Model and Liu and Jordan's Model for Qena/Egypt.	Resources and Environment	None	DOI: 10.5923/j.re.20211101.02	125	Q4
A. Tozri	Assistant Professor	Experimental and theoretical investigations on structural-function relationship of new iron (III) complex with 2-(Ammoniomethyl)pyridinium cation as ligand: A promising material for green solar cells	Journal of Molecular Structure	WoS &Scopus	10.1016/j.molstruc.2021.132051	83/162	Q3
W.S.Mohamed	Assistant Professor	Experimental and theoretical studies of (CdS) 1-x (ZnS)x thin-films for second generation CdS/CdTe solar cells	Physica B: Physics of Condensed Matter	WoS &Scopus	https://doi.org/10.1016/j.physb.2021.412903	40/125	Q2
Meshal Alzaid	Assistant Professor	Exploring the electrochemical performance of copper-doped cobalt-manganese phosphates for potential supercapattery applications	RSC ADVANCES	WoS &Scopus	10.1039/d0ra09952j	81/178	Q2

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N.M.A. Hadia	Associate Professor	Exploring the electrochemical performance of copper-doped cobalt–manganese phosphates for potential supercapattery applications	Rsc Advances	WoS &Scopus	DOI: 10.1039/D0RA09952J	81/178	Q2
Meshal Alzaid	Assistant Professor	Exploring the electrochemical performance of copper-doped cobalt–manganese phosphates for potential supercapattery applications†	RSC Advances	WoS &Scopus	https://doi.org/10.1039/D0RA09952J	81/178	Q2
N.M.A. Hadia	Associate Professor	Extraction of thickness, linear and nonlinear optical parameters of Ge20+xSe80-x thin films at normal and slightly inclined light for optoelectronic devices	Optical Materials	WoS &Scopus	https://doi.org/10.1016/j.optmat.2020.110539	32/99	Q2
Mebed	Professor	Fabrication and evaluation of structural, thermal, mechanical and optical behavior of epoxy–TEOS/MWCNTs composites for solar cell covering	Polymer Bulletin	WoS &Scopus	https://doi.org/10.1007/s00289-020-03301-5	33/120	Q3
Meshal Alzaid	Assistant Professor	Fabrication of direct Z-scheme MoO3/N-MoS2 photocatalyst for synergistically enhanced H-2 production	INT J HYDROGEN ENERG	WoS &Scopus	10.1016/j.ijhydene.2021.09.230	37/114	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Fabrication of nanostructured NiO and NiO:Cu thin films for high-performance ultraviolet photodetector	OPTICAL MATERIALS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.optmat.2021.111387	32/99	Q3
Mebed	Professor	Fabrication, Boron Leaching, and Electrochemical Impedance Spectroscopy of Nanoporous P-Type Silicon	Silicon	WoS &Scopus	https://doi.org/10.1007/s12633-021-01338-3	202/333	Q3

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Z. A. Alrowaili	Associate Professor	Fabrication, optical and radiation shielding properties of BaO-TeO2-B2O3-Cr2O3 glass system	Optik	WoS	https://doi.org/10.1016/j.ijleo.2022.168877	80/100	Q2
W.S.Mohamed	Assistant Professor	Facile synthesis and characterization of novel Gd2O3–CdO binary mixed oxide nanocomposites of highly photocatalytic activity for wastewater remediation under solar illumination	Journal of Physics and Chemistry of Solids	WoS &Scopus	https://doi.org/10.1016/j.jpcs.2020.109666	30/125	Q2
A. Atta	Associate Professor	Flexible Methyl Cellulose/Polyaniline/Silver Composite Films with Enhanced Linear and Nonlinear Optical Properties	Polymers	WoS &Scopus	https://doi.org/10.3390/polym13081225	18/90	Q1
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	FT-IR and Gamma Shielding Characteristics of 22SiO(2)-23Bi(2)O(3)-37B(2)O3-13TiO(2)-(5-x) LiF- x BaO Glasses	SILICON	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s12633-021-01481-x	104/162	Q3
Alrowaili, ZA (Alrowaili, Ziyad A.)	Associate Professor	Fully-developed laminar flow in trapezoidal ducts with rounded corners: a numerical solution and case study	INTERNATIONAL JOURNAL OF NUMERICAL METHODS FOR HEAT & FLUID FLOW	WoS &Scopus	https://www.emerald.com/insight/0961-5539.htm	10/60	Q1
Meshal Alzaid	Assistant Professor	Functionalized role of highly porous activated carbon in bismuth vanadate nanomaterials for boosted photocatalytic hydrogen evolution and synchronous activity in water	INT J HYDROGEN ENERG	WoS &Scopus	10.1016/j.ijhydene.2021.09.187	37/114	Q2

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Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Gamma, neutron, and charged-particles shielding properties of tellurite glass system containing Sb2O3 and V2O5	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s10854-021-07204-7	83/160	Q3
Amal Khedr	Assistant Professor	Gold Nanoparticle-Enhanced Laser-Induced Breakdown Spectroscopy and Three-Dimensional Contour Imaging of an Aluminum Alloy	Applied Spectroscopy	WoS &Scopus	https://www.osapublishing.org/as/abstract.cfm?URI=as-75-5-565	11755	Q2
C. Bilel	Assistant Professor	Growth and investigation of LaNiO3/La2O3 composites films for optoelectronic applications	Optik	WoS &Scopus	https://doi.org/10.1016/j.ijleo.2021.168013	64/192	Q2
M. Mobarak	Associate Professor	Growth and transport properties of AgInS2 ternary semiconductor	Journal of Materials Science: Materials in Electronics	WoS	https://doi.org/10.1007/s10854-022-08016-z	10281	Q2
Massaud Mostafa	Assistant Professor	Growth and transport properties of AgInS2 ternary semiconductor	J Mater Sci: Mater Electron	WoS	https://doi.org/10.1007/s10854-022-08016-z	83/264	Q2
Z. A. Alrowaili	Associate Professor	High density binary TeO2-Bi2O3 glasses: Strong potential as a nontoxic and environmentally friendly glass shields for photons/charged particles	Journal of Materials Research and Technology	WoS	https://doi.org/10.1016/j.jmrt.2022.01.040	15/100	Q1
M. F. hasaneen	Assistant Professor	High electric field-induced relaxor to ferroelectric phase transition in (Bi0.5Na0.3K0.2)TiO3–SrTiO3–(Ba0.8Ca0.2)TiO3 Pb-free piezoelectric ceramic	Applied Physics A	WoS	https://doi.org/10.1007/s00339-022-05420-4	19/178	Q2

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A. Tozri	Assistant Professor	High-temperature dielectric behavior of hexagonal HoMnO3	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	WoS &Scopus	10.1016/j.jpcs.2021.109960	23 of 69	Q2
Z. A. Alrowaili	Associate Professor	Impact of Ag2O on the mechanical and shielding features of ZnO-Er2O3-TeO2 glasses	Research Square	WoS	https://doi.org/10.21203/rs.3.rs-1249950/v1	50/100	Q2
W.S.Mohamed	Assistant Professor	Impact of Cu2+ cations substitution on structural, morphological, optical and magnetic properties of Co1-xCuxFe2O4 nanoparticles synthesized by a facile hydrothermal approach	Solid State Sciences	WoS	https://www.sciencedirect.com/science/article/abs/pii/S1293255822000036X	60	Q2
Nomery Mohamed Abass Hadia (N.M.A. Hadia)	Associate Professor	Impact of Cu2+ cations substitution on structural, morphological, optical and magnetic properties of Co1-xCuxFe2O4 nanoparticles synthesized by a facile hydrothermal approach	Solid State Sciences	WoS	https://doi.org/10.1016/j.solidstatesciences.2022.106841	90/162	Q2
Meshal Alzaid	Assistant Professor	Improved performance and long-term stability of organogelator electrolyte based semi-solid-state dye sensitized solar cells with electrospun ZnO-TiO2 hybrid films	Surface & Coatings Technology	WoS &Scopus	https://doi.org/10.1016/j.surfcoat.2021.127160	40/160	Q1
M.F.Hasaneen	Assistant Professor	Influence of different types of substrates on the physical properties of CdSe films	Physica B	WoS &Scopus	https://doi.org/10.1016/j.physb.2020.412747	39/69	Q2
A. Atta	Associate Professor	Influence of ion beam and silver nanoparticles on dielectric properties of flexible PVA/PANI polymer composite films	Plastics, Rubber and Composites	WoS	https://doi.org/10.1080/14658011.2021.1928998	0	Q2

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A. Atta	Associate Professor	Influence of ion beam and silver nanoparticles on dielectric properties of flexible PVA/PANI polymer composite films	Plastics, Rubber and Composites	WoS &Scopus	https://doi.org/10.1080/14658011.2021.1928998	20/28	Q3
Ali Atta	Associate Professor	Influence of Ion Irradiation on the Surface Properties of Silver-Coated Flexible PDMS Polymeric Films	Brazilian Journal of Physics	WoS	https://doi.org/10.1007/s13538-021-01011-5	0	Q3
Eslam Abdeltwab	Assistant Professor	Influence of Ion Irradiation on the Surface Properties of Silver-Coated Flexible PDMS Polymeric Films	Brazilian Journal of Physics	WoS	https://doi.org/10.1007/s13538-021-01011-5	14929	Q3
A. Atta	Associate Professor	Influence of Ion Irradiation on the Surface Properties of Silver-Coated Flexible PDMS Polymeric Films	Brazilian Journal of Physics	WoS &Scopus	https://doi.org/10.1007/s13538-021-01011-5	62/86	Q3
E. Abdeltwab	Assistant Professor	Influence of Ion Irradiation on the Surface Properties of Silver-Coated Flexible PDMS Polymeric Films	Brazilian Journal of Physics	Wos	https://link.springer.com/article/10.1007/s13538-021-01011-5	14929	Q3
Eslam Abdeltwab	Assistant Professor	Influence of Ion Irradiation on the Surface Properties of Silver-Coated Flexible PDMS Polymeric Films	Brazilian Journal of Physics	Wos	https://doi.org/10.1007/s13538-021-01011-5	14929	Q3
Z. A. Alrowaili	Associate Professor	Influence of iron (III) oxide on the optical, mechanical, physical, and radiation shielding properties of sodium-barium-vanadate glass system	Optik	WoS	https://doi.org/10.1016/j.ijleo.2022.168844	80/100	Q2
Jihed Belgacem Laifi	Assistant Professor	Influence of Ni content on structural, magnetocaloric and electrical properties in manganite La0.6Ba0.2Sr0.2Mn1−xNixO3 (0 ≤ x ≤ 0.1) type perovskites	RSC Advances	WoS	10.1039/D1RA07059B	X	Q1

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N.M.A. Hadia	Associate Professor	Influence of nickel doping on the energy band gap, luminescence, and magnetic order of spray deposited nanostructured ZnO thin films	Journal of Alloys and Compounds	WoS &Scopus	https://doi.org/10.1016/j.jallcom.2019.152538	6/80	Q1
A. Atta	Associate Professor	Influence of ZnO nanoadditives on the structural characteristics and dielectric properties of PVA	International Journal of Modern Physics B	WoS &Scopus	https://doi.org/10.1142/S0217979221503100	34/55	Q3
E.Abdeltwab	Assistant Professor	Influence of ZnO nanoadditives on the structural characteristics and dielectric properties of PVA	International Journal of Modern Physics B	WoS &Scopus	https://doi.org/10.1142/S0217979221503100	17180	Q3
E Abdeltwab	Assistant Professor	Influence of ZnO nanoadditives on the structural characteristics and dielectric properties of PVA	International Journal of Modern Physics B	Wos	https://doi.org/10.1142/S0217979221503100	17180	Q4
T.A. TAHA	Assistant Professor	Investigation of Sm2O3 effect on opto-electrical parameters and dielectric properties of some fluorophosphate glasses	Journal of Materials Science: Materials in Electronics	WoS &Scopus	https://doi.org/10.1007/s10854-021-07276-5	83/160	Q3
T.A. Taha	Assistant Professor	Investigation of the iron doping on the structural, optical, and magnetic properties of Fe-doped ZnO nanoparticles synthesized by sol–gel method	Journal of Materials Science: Materials in Electronics	WoS	https://doi.org/10.1007/s10854-022-07809-6	0	Q3
Z. A. Alrowaili	Associate Professor	Investigation of the magnetocaloric effect and the critical behavior of the interacting superparamagnetic nanoparticles of La0. 8Sr0. 15Na0. 05MnO3	Journal of Alloys and Compounds	WoS	https://doi.org/10.1016/j.jallcom.2021.161739	10/100	Q1
A. Tozri	Assistant Professor	Investigation of the magnetocaloric effect and the critical behavior of the interacting	JOURNAL OF ALLOYS AND COMPOUNDS	WoS &Scopus	10.1016/j.jallcom.2021.161739	97 of 334	Q2

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		superparamagnetic nanoparticles of La0.8Sr0.15Na0.05MnO3					
Alrowaili, Z. A. & Alrowaili, Ziyad A. & Alrowaili, Ziyad Awadh	Associate Professor	Investigation of the magnetocaloric effect and the critical behavior of the interacting superparamagnetic nanoparticles of La0.8Sr0.15Na0.05MnO3	JOURNAL OF ALLOYS AND COMPOUNDS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.jallcom.2021.161739	6/80	Q1
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Investigation of the structure and radiation shielding properties of borate/Y2O3 glasses	EUROPEAN PHYSICAL JOURNAL PLUS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1140/epjp/s13360-021-01565-y	20/86	Q1
C. Bilel	Assistant Professor	Investigation on the photocatalytic activity of La2O3/LaFeO3 composite prepared by spray pyrolysis technique	journal of materials science: materials in electronics	WoS	https://doi.org/10.1007/s10854-022-07971-x	xx	Q3
N.M.A. Hadia	Associate Professor	Linear and Non-linear Optical Parameters of Diluted Magnetic Semiconductor CdS0.9Mn0.1 Thin Film: Influence of the Film Thickness	Journal Of Electronic Materials	WoS &Scopus	https://doi.org/10.1007/s11664-019-07873-5	174/273	Q3
N.M.A. Hadia	Associate Professor	LiTaO3 assisted giant strain and thermally stable energy storage response for renewable energy storage applications	Ceramics International	WoS &Scopus	https://doi.org/10.1016/j.ceramint.2021.02.142	3/29	Q1
W.S.Mohamed	Assistant Professor	LiTaO3 assisted giant strain and thermally stable energy storage response for renewable energy storage applications	Ceramics International	WoS &Scopus	https://doi.org/10.1016/j.ceramint.2021.02.142	20/125	Q1
Meshal Alzaid	Assistant Professor	LiTaO3 assisted giant strain and thermally stable energy storage response for renewable energy storage applications	Ceramics International	WoS &Scopus	https://doi.org/10.1016/j.ceramint.2021.02.142	3/29	Q1

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A.A. El-Maaref	Associate Professor	Lithium cadmium phosphate glasses doped Sm3+ as a host material for near-IR laser applications	Optical Materials	WoS &Scopus	https://doi.org/10.1016/j.optmat.2020.110638	32/99	Q2
A.A. El-Maaref	Assistant Professor	Lithium cadmium phosphate glasses doped Sm3+ as a host material for near-IR laser applications	Optical Materials	Wos	https://doi.org/10.1016/j.optmat.2020.110638	32/99	Q2
Alrowaili, ZA (Alrowaili, Ziyad A.)	Associate Professor	Machine Learning Enabled Early Detection of Breast Cancer by Structural Analysis of Mammograms	CMC-COMPUTERS MATERIALS & CONTINUA	WoS &Scopus	https://www.techscience.com/cmc/v67n1/41171	57/161	Q2
T.A. Taha	Assistant Professor	Magnetic Ge:Mn nanocrystals grown by MBE on insulator substrate for solar cell and photodetector applications	Applied Surface Science	WoS	https://doi.org/10.1016/j.apsusc.2021.151644	1/21	Q1
Mohammed Ezzeldien	Assistant Professor	Magnetic radiative buoyancy-driven convection of MWCNTs -C2H6O2 power-law nanofluids in inclined enclosures with wavy walls	Alexandria Engineering Journal	WoS	https://doi.org/10.1016/j.aej.2022.01.073	10/125	Q1
A. Tozri	Assistant Professor	Magnetocaloric effect and critical behavior in La0.8K0.2MnO3 nanoparticle	RESULTS IN PHYSICS	WoS &Scopus	10.1016/j.rinp.2021.104861	18 of 86	Q1
N.Zaidi	Assistant Professor	Magnetocaloric properties of MnFeP1-xAsx (x = 0.55 and 0.53)	Journal of Alloys and Compounds	Wos	https://doi.org/10.1016/j.jallcom.2021.161524	11 / 153	Q2
N. Zaidi	Assistant Professor	Magnetocaloric properties of MnFeP1-xAsx (x= 0.55 and 0.53)	Journal of Alloys and Compounds	WoS	https://doi.org/10.1016/j.jallcom.2021.161524	11/153	Q2
N.Zaidi	Assistant Professor	Magnetocaloric properties of MnFeP1-xAsx (x= 0.55 and 0.53)	Journal of Alloys and Compounds	Wos	https://doi.org/10.1016/j.jallcom.2021.161524	11 / 153	Q2

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Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Mechanical and Thermodynamic Characteristics of 22SiO(2)-23Bi(2)O(3)-37B(2)O3-13TiO(2)-(5-x) LiF- x BaO Glasses	SILICON	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s12633-021-01441-5	104/162	Q3
N.M.A. Hadia	Associate Professor	Microstructural, optical, and electrical characteristics of Cu-doped CdTe nanocrystalline films for designing absorber layer in solar cell applications	Journal Of Materials Science-materials In Electronics	WoS &Scopus	https://doi.org/10.1007/s10854-021-06061-8	215/334	Q3
W.S.Mohamed	Assistant Professor	Microstructural, optical, and electrical characteristics of Cu-doped CdTe nanocrystalline films for designing absorber layer in solar cell applications	J Mater Sci: Mater Electron	WoS &Scopus	https://doi.org/10.1007/s10854-021-06061-8	20/125	Q2
MAM Uosif	Professor	MnCl2 incorporated PVA polymers: A closer-look on behavioural changes as a function of reinforcement	Optical Materials	WoS	https://doi.org/10.1016/j.optmat.2022.112142	32/99	Q2
C. Bilel	Assistant Professor	Modeling of the Growth Mechanisms of GaAsBi and GaAs Nanowires	Journal of Electronic Materials	WoS &Scopus	https://doi.org/10.1007/s11664-021-08850-7	181/411	Q2
Taha Abdel Mohaymen Taha	Assistant Professor	Molecular grafting based polymeric carbon nitride for wondrous artificial photosynthesis	International Journal of Energy Research	WoS &Scopus	https://doi.org/10.1002/er.7304	1/34	Q1
Taha Abdel Mohaymen Taha	Assistant Professor	Nanostructure Engineering via Intramolecular Construction of Carbon Nitride as Efficient Photocatalyst for CO2 Reduction	Nanomaterials	WoS &Scopus	https://doi.org/10.3390/nano11123245	35/160	Q1
Alrowaili, ZA (Alrowaili, Ziyad A.)	Associate Professor	Novel green synthesis of hydroxyapatite uniform nanorods via microwave-	CERAMICS INTERNATIONAL	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/	3/29	Q1

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		hydrothermal route using licorice root extract as template			10.1016/j.ceramint.2020.09.256		
Z. A. Alrowaili	Associate Professor	Nuclear shielding characteristics of Sm3+ doped borosilicate glasses containing Na2O, PbO and ZnO	Radiation Physics and Chemistry	WoS	https://doi.org/10.1016/j.radphyschem.2022.110044	50/80	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Nuclear shielding properties and buildup factors of Cr-based ferroalloys	PROGRESS IN NUCLEAR ENERGY	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.pnucene.2021.103956	7/34	Q1
Z. A. Alrowaili	Associate Professor	Nuclear shielding properties of Ni-, Fe-, Pb-, and W-based alloys	Radiation Physics and Chemistry	WoS	https://doi.org/10.1016/j.radphyschem.2022.110090	70/140	Q2
A. Tozri	Assistant Professor	Optical and magnetic characterization of one-dimensional Cu(ii)-based perovskite: a high UV-Vis-NIR absorber	JOURNAL OF MATERIALS CHEMISTRY C	Wos	10.1039/d1tc04336f	25 of 160	Q1
Z. A. Alrowaili	Associate Professor	Optical and radiation shielding effectiveness of a newly fabricated WO3 doped TeO2–B2O3 glass system	Radiation Physics and Chemistry	WoS	https://doi.org/10.1016/j.radphyschem.2022.109968	80/100	Q2
Z. Al. Alrowaili	Associate Professor	Optical and radiation shielding studies on tellurite glass system containing ZnO and Na2O	Optik	WoS	https://doi.org/10.1016/j.ijleo.2022.168821	80/100	Q2
R. M. El-Agmy	Associate Professor	Optical and spectroscopic study of Nd2O3-doped SBN glass in the near-infrared, visible and UV regions under pumping up-conversion emissions	The European Physical Journal Plus	WoS &Scopus	https://doi.org/10.1140/epjp/s13360-021-01798-x	20/86	Q1

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A. A. El-Maaref	Associate Professor	Optical and spectroscopic study of Nd2O3-doped SBN glass in the near-infrared, visible and UV regions under pumping up-conversion emissions	EUROPEAN PHYSICAL JOURNAL PLUS	WoS &Scopus	https://doi.org/10.1140/epjp/s13360-021-01798-x	20/86	Q1
A.A. El-Maaref	Associate Professor	Optical and spectroscopic study of Nd2O3-doped SBN glass in the near-infrared, visible and UV regions under pumping up-conversion emissions	EUROPEAN PHYSICAL JOURNAL PLUS	Wos	https://doi.org/10.1140/epjp/s13360-021-01798-x	20/86	Q1
C.Bilel	Assistant Professor	Optical investigation of p-GaAsi-GaN0.38yAs1-1.38ySbyn-GaAs Quantum Wells Emitters	Journal of nanotechnology	WoS	in press	xx	None
Z. A. Alrowaili	Associate Professor	Optical properties and radiation shielding competence of Bi/Te-BGe glass system containing B2O3 and GeO2	Optik	WoS	https://doi.org/10.1016/j.ijleo.2022.168883	80/100	Q2
Z. A. Alrowaili	Associate Professor	Optical properties and radiation shielding performance of tellurite glasses containing Li2O and MoO3	Optik	WoS	https://doi.org/10.1016/j.ijleo.2021.168257	80/100	Q3
N.M.A. Hadia	Associate Professor	Optical properties upon ZnS film thickness in ZnS/ITO/glass multilayer films by ellipsometric and spectrophotometric investigations for solar cell and optoelectronic applications	Optical Materials	WoS &Scopus	https://doi.org/10.1016/j.optmat.2021.111228	32/99	Q2
W.S.Mohamed	Assistant Professor	Optical properties upon ZnS film thickness in ZnS/ITO/glass multilayer films by ellipsometric and spectrophotometric investigations for solar cell and optoelectronic applications	Optical Materials	WoS &Scopus	https://doi.org/10.1016/j.optmat.2021.111228	50/125	Q2

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Meshal Alzaid	Assistant Professor	Optical properties upon ZnS film thickness in ZnS/ITO/glass multilayer films by ellipsometric and spectrophotometric investigations for solar cell and optoelectronic applications	Optical Materials	WoS &Scopus	https://doi.org/10.1016/j.optmat.2021.111228	32/99	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Organic heterostructure modified carbon nitride as apprehension for Quercetin Biosensor	SYNTHETIC METALS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.synthmet.2021.116813	30/69	Q2
A. Atta	Associate Professor	Oxygen ion induced variations in the structural and Linear/Nonlinear optical properties of the PVA/PANI/Ag nanocomposite film	Inorganic Chemistry Communications	WoS &Scopus	https://doi.org/10.1016/j.inoche.2021.108926	21/45	Q2
A. Atta	Associate Professor	Oxygen irradiation induced modification on the linear and nonlinear optical behavior of flexible MC/PANI/Ag polymeric nanocomposite films	Inorganic Chemistry Communications	WoS	https://doi.org/10.1016/j.inoche.2022.109229	0	Q2
Alrowaili, ZA (Alrowaili, Ziyad Awadh)	Associate Professor	Ozone Depletion Identification in Stratosphere Through Faster Region-Based Convolutional Neural Network	CMC-COMPUTERS MATERIALS & CONTINUA	WoS &Scopus	https://www.techscience.com/cmc/v68n2/42163	57/161	Q2
A.M.A. Mostafa	Associate Professor	PbO–Sb2O3–B2O3–CuO glassy system: Evaluation of optical, gamma and neutron shielding properties	Materials Chemistry and Physics	WoS &Scopus	10.1016/j.matchemphys.2020.123937	126/334	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Phosphate, phosphoric acid and phosphogypsum natural radioactivity and radiological hazards parameters	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s10967-021-07842-5	23/34	Q3

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A. Arfaoui	Assistant Professor	Photocatalytic degradation of methylene blue dye via MoO3, NiMoO4, Co0. 7Fe0. 3 (MoO4) and Fe2 (MoO4) 3 thin films prepared by spray pyrolysis technique	Bulletin of Materials Science	Scopus	https://doi.org/10.1007/s12034-021-02551-xSadhana(0123456789().,-volV)FT3](0123456789().,-volV)	0.35	Q3
A. Arfaoui	Assistant Professor	Photocatalytic degradation of methylene blue dye via MoO3, NiMoO4, Co0.7Fe0.3(MoO4) and Fe2(MoO4)3 thin films prepared by spray pyrolysis technique	Bulletin of Materials Science	WoS &Scopus	https://doi.org/10.1007/s12034-021-02551-x	108/333	Q3
N.M.A. Hadia	Associate Professor	Pre-Crystallization Criteria and Triple Crystallization Kinetic Parameters of Amorphous-Crystalline Phase Transition of As40S45Se15 Alloy	Journal Of Inorganic And Organometallic Polymers And Materials	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s10904-021-02080-4	30/90	Q2
N.M.A. Hadia	Associate Professor	Pre-Crystallization Criteria and Triple Crystallization Kinetic Parameters of Amorphous–Crystalline Phase Transition of As40S45Se15 Alloy	Journal of Inorganic and Organometallic Polymers and Materials	WoS &Scopus	https://doi.org/10.1007/s10904-021-02080-4	30/88	Q2
M. Mostafa	Assistant Professor	Preparation and Characterization and Dielectric Properties of (Ba0.95Ca0.05) TiO3 Ceramic Material	International Journal of Thin Film Science and Technology	Scopus	doi:10.18576/ijtfst/100301	30	Q4
Kassem Kh. O.	Associate Professor	Prevailing trends of aerosol optical depth in Egypt	Journal of Environmental Science, Computer	WoS	DOI: 10.24214/jecet.A.11.1.14154.	50/125	Q2

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			Science and Engineering & Technology				
Z. A. Alrowaili	Associate Professor	Quantum chemical study of end-capped acceptor and bridge on triphenyl diamine based molecules to enhance the optoelectronic properties of organic solar cells	Polymer	WoS	https://doi.org/10.1016/j.polymer.2022.124675	10/100	Q1
T.A. Taha	Assistant Professor	Recent Advancement of the Current Aspects of g-C3N4 for its Photocatalytic Applications in Sustainable Energy System	The Chemical Record	WoS	https://doi.org/10.1002/tcr.202100310	0	Q1
Meshal Alzaid	Assistant Professor	Recent progress in the role of two-dimensional materials as an efficient charge transport layer in perovskite solar cells	International Journal of Energy Research	WoS &Scopus	DOI: 10.1002/er.6672	1/34	Q1
Alrowaili, ZA (Alrowaili, Ziyad A.)	Associate Professor	Robust Adaptive HCS MPPT Algorithm-Based Wind Generation System Using Model Reference Adaptive Control	SENSORS	WoS &Scopus	https://doi.org/10.3390/s21155187	14/64	Q1
N.M.A. Hadia	Associate Professor	Role of Cu dilute on microstructures, optical, photoluminescence, magnetic and electrical properties of CdS film	Materials Science in Semiconductor Processing	WoS &Scopus	https://doi.org/10.1016/j.mssp.2021.105687	65/273	Q1
Meshal Alzaid	Assistant Professor	Role of electron carrier selective contact layer of lithium fluoride films with wide bandgap and low work function for silicon heterojunction solar cells	Materials Science in Semiconductor Processing	WoS &Scopus	https://doi.org/10.1016/j.mssp.2021.105982	65/273	Q1
T.A. Taha	Assistant Professor	Selectivity, stability and reproducibility effect of Uric acid integrated carbon nitride for photocatalytic application	Journal of Photochemistry	WoS	https://doi.org/10.1016/j.jphotochem.2021.113591	65/162	Q2

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			and Photobiology A: Chemistry				
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Significant Enhanced Optical Parameters of PVA-Y2O3 Polymer Nanocomposite Films	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s10904-021-01995-2	30/90	Q2
Z. A. Alrowaili	Associate Professor	Significant influence of Cu content on the radiation shielding properties of Ge-Se-Te bulk glasses	Radiation Physics and Chemistry	WoS	https://doi.org/10.1016/j.radphyschem.2022.109981	80/120	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Significant influence of MoO3 content on synthesis, mechanical, and radiation shielding properties of B2O3-Pb3O4-Al2O3 glasses	JOURNAL OF ALLOYS AND COMPOUNDS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.jallcom.2021.160625	6/80	Q1
T.A. TAHA	Assistant Professor	Simple and efficient design towards a significant improvement of the optical absorption of amorphous silicon solar cell	Journal of Quantitative Spectroscopy and Radiative Transfer	WoS &Scopus	https://doi.org/10.1016/j.jqsrt.2021.107890	44/99	Q2
T.A. Taha	Assistant Professor	Simple, efficient and accurate method toward the monitoring of ethyl butanoate traces	Optical and Quantum Electronics volume	WoS	https://doi.org/10.1007/s11082-021-03497-4	0	Q3
Z. A. Alrowaili	Associate Professor	Simple, efficient and accurate method toward the monitoring of ethyl butanoate traces	Optical and Quantum Electronics	WoS	https://doi.org/10.1007/s11082-021-03497-4	80/120	Q2
Meshal Alzaid	Assistant Professor	Simultaneous enhancement of Seebeck coefficient and electrical conductivity in	PHYSICS LETTERS A	WoS &Scopus	10.1016/j.physleta.2020.127034	36/86	Q2

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		ZnSnO by the engineering of grain boundaries using post annealing					
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Sn-induced changes in the structure and optical properties of amorphous As-Se-Sn thin films for optical devices	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s00339-020-04175-0	77/160	Q2
Z. A. Alrowaili	Associate Professor	Sonophotocatalytic Dye Degradation Using rGO-BiVO4 Composites	Global Challenges	WoS	https://doi.org/10.1002/gch2.202100132	60/100	Q2
T.A. Taha	Assistant Professor	State of the art advancement in rational design of g-C3N4 photocatalyst for efficient solar fuel transformation, environmental decontamination and future perspectives	International Journal of Hydrogen Energy	WoS	https://doi.org/10.1016/j.ijhydene.2021.11.252	48/162	Q2
A. Atta	Associate Professor	Structural and electrical properties of irradiated flexible ZnO/PVA nanocomposite films	Surface Innovations	WoS &Scopus	https://doi.org/10.1680/jsuin.21.00045	9/21	Q2
E. Abdeltwab	Assistant Professor	Structural and electrical properties of irradiated flexible ZnO/PVA nanocomposite films	Surface Innovations	Wos	https://doi.org/10.1680/jsuin.21.00045	11069	Q4
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Structural and magnetic properties of erbium substituted spinel ferrites for microwave absorptions	JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1080/16583655.2021.2005320	35/72	Q2
C. Bilel	Assistant Professor	Structural and optical investigations on sprayed Co doped La2O3 thin films along with photocatalytic and anti-bacterial applications	Optik	WoS &Scopus	https://doi.org/10.1016/j.ijleo.2021.166837	64/192	Q2

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M. Mobarak	Associate Professor	Structural and Optical Properties of Calcium Titanate Prepared from Gypsum	Journal of Nanotechnology	WoS	https://doi.org/10.1155/2022/6020378	13451	Q2
Massaud mostafa	Assistant Professor	Structural and Optical Properties of Calcium Titanate Prepared from Gypsum	Journal of nanotechnology	WoS	https://doi.org/10.1155/2022/6020378	221/455	Q2
N.M.A. Hadia	Associate Professor	Structural and optical properties of CuIn1-xGaxSe2 thin films	Journal Of Optoelectronics And Advanced Materials	WoS &Scopus	https://joam.inoe.ro/articles/structural-and-optical-properties-of-cuin1-xgaxse2-thin-films/fulltext	338/384	Q4
M. F. Hasaneen	Assistant Professor	Structural and optical properties of transparent conducting oxide Cd1-xCrxO thin films prepared by the sol-gel dip-coating method	Materials Science and Engineering B	WoS	https://doi.org/10.1016/j.mseb.2022.115703	21/69	Q2
Dr	Lecturer	Structural and optical properties of transparent conducting oxide Cd1-xCrxO thin films prepared by the sol-gel dip-coating method	Materials Science and Engineering: B	WoS	https://doi.org/10.1016/j.mseb.2022.115703	20	Q1
A. Tozri	Assistant Professor	Structural, dielectric, electrical and modulus spectroscopic characteristics of CoFeCuO4 spinel ferrite nanoparticles	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	WoS &Scopus	10.1016/j.mseb.2021.115331	129 of 334	Q2

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W.S.Mohamed	Assistant Professor	Structural, optical and electrical properties of Bi22xMnxTe3 thin films	J Mater Sci: Mater Electron	WoS &Scopus	https://doi.org/10.1007/s10854-021-07281-8	38/125	Q2
Meshal Alzaid	Assistant Professor	Structural, optical and electrical properties of Bi2-xMnxTe3 thin films	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	WoS &Scopus	10.1007/s10854-021-07281-8	83/160	Q3
Nomery Mohamed Abass Hadia (N.M.A. Hadia)	Associate Professor	Structural, optical and electrical properties of Bi2−xMnxTe3 thin films	Journal of Materials Science: Materials in Electronics	WoS	https://doi.org/10.1007/s10854-021-07281-8	34/77	Q2
N.M.A. Hadia	Associate Professor	Structural, optical and electrical properties of Bi2−xMnxTe3 thin films	Journal of Materials Science: Materials in Electronics	WoS &Scopus	https://doi.org/10.1007/s10854-021-07281-8	215/334	Q3
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Structural, thermal, and mechanical characteristics of yttrium lithium borate glasses and glass-ceramics	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s10854-021-07158-w	83/160	Q3
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Structure and AC electrical characterization for amorphous Se50Te50 thin-film fabricated by thermal evaporation technique	PHYSICA B-CONDENSED MATTER	None	https://doi-org.sdl.idm.oclc.org/10.1016/j.physb.2021.412975	39/69	Q3
Alhulw H. Alshammari	Assistant Professor	Structure, thermal and dielectric insights of PVC/PVP/ZnFe2O4 polymer nanocomposites	The European Physical Journal Plus	Wos	https://doi.org/10.1140/epjp/s13360-021-02206-0	20/86	Q1

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T.A. TAHA	Assistant Professor	Structure, thermal and dielectric insights of PVC/PVP/ZnFe2O4 polymer nanocomposites	The European Physical Journal Plus	WoS &Scopus	https://doi.org/10.1140/epjp/s13360-021-02206-0	20/86	Q1
M. F. Hasaneen	Assistant Professor	Study of Optical, Electrical and Photocatalysis Properties of SrMnO3 Synthesized by Solid-State Reaction	Information Sciences Letters An International Journal	Scopus	http://dx.doi.org/10.18576/isl/110216	25/125	None
A. Tozri	Assistant Professor	Study of physical properties of a ferrimagnetic spinel Cu1.5Mn1.5O4: spin dynamics, magnetocaloric effect and critical behavior	RSC ADVANCES	Wos	10.1039/d1ra03732c	81 of 178	Q2
M.F.Hasaneen	Assistant Professor	Study the effect of type of substrates on the microstructure and optical properties of CdTe Thin Films	Optik	WoS &Scopus	https://doi.org/10.1016/j.ijleo.2020.165390	46/99	Q2
Meshal Alzaid	Assistant Professor	Superior performance of cobalt oxide/carbon composite for solid-state supercapattery devices	PHYSICA B-CONDENSED MATTER	WoS &Scopus	10.1016/j.physb.2020.412561	39/69	Q3
E Abdeltwab	Assistant Professor	Surface Physical Properties of Ion Beam Sputtered Copper Thin Films on Poly Tetrafluoroethylene	Surface Topography: Metrology and Properties	Wos	https://iopscience.iop.org/article/10.1088/2051-672X/abf9f5/meta	11937	Q2
A. Atta	Associate Professor	Surface Physical Properties of Ion Beam Sputtered Copper Thin Films on Poly Tetrafluoroethylene	Surface Topography: Metrology and Properties	WoS &Scopus	https://orcid.org/0000-0001-9451-6777	72/133	Q3

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Meshal Alzaid	Assistant Professor	Synergestic effect of magnetron sputtered silver nano-islands and Co-3(PO4)(2) for high performance supercapattery devices	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	WoS &Scopus	10.1016/j.jelechem.2021.115612	20/87	Q1
Alrowaili, Z. A.	Associate Professor	Synthesis and characterization of B2O3-Ag(3)PO4-ZnO-Na2O glasses for optical and radiation shielding applications	OPTIK	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.ijleo.2021.168199	47/99	Q2
T.A. TAHA	Assistant Professor	Synthesis and characterization of B2O3-Ag3PO4-ZnO-Na2O glasses for optical and radiation shielding applications	Optik	WoS &Scopus	https://doi.org/10.1016/j.ijleo.2021.168199	46/99	Q2
Nomery Mohamed Abass Hadia (N.M.A. Hadia)	Associate Professor	Synthesis and characterization of undoped and copper-doped zinc oxide nanowires for optoelectronic and solar cells applications	Applied Physics A volume	WoS	https://doi.org/10.1007/s00339-021-05155-8	77/160	Q2
N.M.A. Hadia	Associate Professor	Synthesis and characterization of undoped and copper-doped zinc oxide nanowires for optoelectronic and solar cells applications	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	WoS &Scopus	https://doi.org/10.1007/s00339-021-05155-8	77/160	Q2
W.S.Mohamed	Assistant Professor	Synthesis and characterization of undoped and copper-doped zinc oxide nanowires for optoelectronic and solar cells applications	Applied physics A	WoS &Scopus	https://doi.org/10.1007/s00339-021-05155-8	40/125	Q2
Meshal Alzaid	Assistant Professor	Synthesis and enhanced electromechanical properties of Bi(Mg0.5Zr0.5)O-3-modified BiFeO3-BaTiO3 piezoceramics by ordinary firing process	J KOREAN CERAM SOC	WoS &Scopus	10.1007/s43207-021-00167-9	16/29	Q3
C. Bilel	Assistant Professor	Synthesis and physical characterization of Ni-doped La2O3 for photocatytic application under sunlight	Journal of Materials Science: Materials in Electronics	WoS &Scopus	https://doi.org/10.1007/s10854-021-05264-3	139/411	Q2

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Mebed	Professor	Synthesis and Thermal Treatment of Pd-Cr@Carbon for Efficient Oxygen Reduction Reaction in Proton-Exchange Membrane Fuel Cells	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS ANDMATERIALS	Wos	https://doi.org/10.1007/s10904-021-01991-6	30/88	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Synthesis of an optimized ZnS/Au/ZnS multilayer films for solar cell electrode applications	OPTICAL MATERIALS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.optmat.2021.110814	32/99	Q2
M.F.Hasaneen	Assistant Professor	Synthesis of an optimized ZnS/Au/ZnS multilayer films for solar cell electrode applications	Optical materials	WoS &Scopus	https://doi.org/10.1016/j.optmat.2021.110814	32/99	Q2
Meshal Alzaid	Assistant Professor	Synthesis of BiVO4/NiFe2O4 composite for photocatalytic degradation of methylene blue	APPLIED NANOSCIENCE	WoS &Scopus	10.1007/s13204-021-02186-8	60/106	Q3
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Synthesis of Pb3O4-SiO2-ZnO-WO3 Glasses and their Fundamental Properties for Gamma Shielding Applications	SILICON	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s12633-021-01347-2	104/162	Q3
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Synthesis, Optical Absorption and Radiation Shielding Performance of Sodium Zinc Borate-Er2O3 Glasses	JOURNAL OF ELECTRONIC MATERIALS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s11664-020-08661-2	102/160	Q3
Alrowaili, Z. A. & Alrowaili, Ziyad A. & Alrowaili, Ziyad Awadh	Associate Professor	Synthesis, physical and nuclear shielding properties of novel Pb-Al alloys	PROGRESS IN NUCLEAR ENERGY	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.pnucene.2021.103992	7/34	Q1

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Z. A. Alrowaili	Associate Professor	Synthesis, physical, optical, structural and radiation shielding characterization of borate glasses: A focus on the role of SrO/Al2O3 substitution	Ceramics International	WoS	https://doi.org/10.1016/j.ceramint.2021.09.301	10/100	Q1
Alrowaili, Z. A. & Alrowaili, Ziyad A. & Alrowaili, Ziyad Awadh	Associate Professor	Synthesis, physical, optical, structural and radiation shielding characterization of borate glasses: A focus on the role of SrO/Al2O3 substitution	CERAMICS INTERNATIONAL	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.ceramint.2021.09.301	3/29	Q1
N.M.A. Hadia	Associate Professor	Tailoring the physical properties of low dimensional MgO nanostructures using vapor transport deposition	Materials Characterization	WoS &Scopus	https://doi.org/10.1016/j.matchar.2020.110392	3/32	Q1
AMA Mostafa	Associate Professor	Tailoring the structuralism in xBaO·(30–x)Li2O·70B2O3 glasses for highly efficient shields of Gamma radiation and neutrons attenuators	PHYSICA SCRIPTA	WoS &Scopus	https://doi.org/10.1088/1402-4896/ac297b	40/86	Q2
Meshal Alzaid	Assistant Professor	Tailoring the thermoelectric properties of bulk ZnAlO with different aluminum concentrations (1, 1.5 and 2%) by post annealing in air at various temperatures	PHYSICA B-CONDENSED MATTER	WoS &Scopus	10.1016/j.physb.2020.412727	39/69	Q3
N.M.A. Hadia	Associate Professor	Tailoring the thermoelectric properties of Pb1-xSmxTe nanostructures via Sm doping	Intermetallics	WoS &Scopus	https://doi.org/10.1016/j.intermet.2020.106923	15/80	Q1
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	The Evaluation of Structural, Electrical and Magnetic Properties of Samarium substituted Spinel Ferrites	JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1080/16583655.2021.2005321	35/72	Q2

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Z. A. Alrowaili	Associate Professor	The impact of Fe2O3 on the dispersion parameters and gamma/fast neutron shielding characteristics of lithium borosilicate glasses	Optik	WoS	https://doi.org/10.1016/j.ijleo.2021.168259	80/100	Q3
Mohamed A. M. Uosif	Professor	The Influence of CoO/P2O5 Substitutions on the Structural, Mechanical, and Radiation Shielding of Boro-Phosphate Glasses	Matirials	WoS &Scopus	https://doi.org/10.3390/ma14216632	17/80	Q1
Ahmed M. A. Mostafa	Associate Professor	The Influence of CoO/P2O5 Substitutions on the Structural, Mechanical, and Radiation Shielding of Boro-Phosphate Glasses	Materials	WoS &Scopus	https://doi.org/10.3390/ma14216632	102/293	Q2
Alrowaili, ZA (Alrowaili, Ziyad A.)	Associate Professor	The Influence of CoO/P2O5 Substitutions on the Structural, Mechanical, and Radiation Shielding of Boro-Phosphate Glasses	MATERIALS	WoS &Scopus	https://doi.org/10.3390/ma14216632	17/80	Q1
Mohammed Ezzeldien	Assistant Professor	The influential role of ITO heat treatment on improving the performance of solar cell n-ITO/p-Si junction: Structural, optical, and electrical characterizations	Materials Today Communications	WoS	https://doi.org/10.1016/j.mtcomm.2022.103272	25/125	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	The role of PbF2 on the gamma-ray photon, charged particles, and neutron shielding prowess of novel lead fluoro bismuth borate glasses	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1007/s10854-021-07382-4	215/334	Q3
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	The significant role of CeO2 content on the radiation shielding performance of Fe2O3-P2O5 glass-ceramics: Geant4 simulations study	PHYSICA SCRIPTA	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1088/1402-4896/ac1028	40/86	Q2

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Mebed	Professor	Theoretical and Experimental Parameters of the Structure and Crystallization Kinetics of Melt-Quenched As30Te64Ga6 Glassy Alloy	Journal of Inorganic and Organometallic Polymers and Materials	WoS &Scopus	https://doi.org/10.1007/s10904-021-01938-x	30/88	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Theoretical investigation of pressure sensing using a defect of polystyrene inside photonic crystals	MATERIALS CHEMISTRY AND PHYSICS	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.matchemphys.2021.124853	126/334	Q2
Alrowaili, ZA (Alrowaili, Z. A.)	Associate Professor	Theoretical investigations of Tamm plasmon resonance for monitoring of isoprene traces in the exhaled breath: Towards chronic liver fibrosis disease biomarkers	PHYSICS LETTERS A	WoS &Scopus	https://doi-org.sdl.idm.oclc.org/10.1016/j.physleta.2021.127610	36/86	Q2
T.A. TAHA	Assistant Professor	Theoretical investigations of Tamm plasmon resonance for monitoring of isoprene traces in the exhaled breath: Towards chronic liver fibrosis disease biomarkers	Physics Letters A	WoS &Scopus	https://doi.org/10.1016/j.physleta.2021.127610	36/86	Q2
W.S.Mohamed	Assistant Professor	Thickness controlling bandgap energy, refractive index and electrical conduction mechanism of 2D Tungsten Diselenide (WSe2) thin films for photovoltaic applications	Applied Physics A	WoS	https://link.springer.com/article/10.1007/s00339-021-05188-z	40	Q2
Nomery Mohamed Abass Hadia (N.M.A. Hadia)	Associate Professor	Thickness controlling bandgap energy, refractive index and electrical conduction mechanism of 2D Tungsten Diselenide (WSe2) thin films for photovoltaic applications	Applied Physics A	WoS	https://doi.org/10.1007/s00339-021-05188-z	77/160	Q2

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N.M.A. Hadia	Associate Professor	Thickness controlling bandgap energy, refractive index and electrical conduction mechanism of 2D Tungsten Diselenide (WSe2) thin flms for photovoltaic applications	Applied Physics A Materials Science & Processing	WoS &Scopus	https://doi.org/10.1007/s00339-021-05188-z	77/160	Q2
A. Tozri	Assistant Professor	Tunable broad-band white-light emission in two-dimensional (110)-oriented lead bromide perovskite (C3H8N6)[PbBr4]: optical, electronic and luminescence properties	NEW JOURNAL OF CHEMISTRY	Wos	10.1039/d1nj03838a	75 of 178	Q2
Mohammed Ezzeldien	Assistant Professor	Tuning the responsible parameters for gain characteristics of the novel type-II D-QW (InGaAs) heterostructure	Materials Science in Semiconductor Processing	WoS	https://doi.org/10.1016/j.mssp.2021.106377	25/125	Q1
Z. A. Alrowaili	Associate Professor	ZnO– Bi2O3 nanopowders: Fabrication, structural, optical, and radiation shielding properties	Ceramics International	WoS	https://doi.org/10.1016/j.ceramint.2021.10.124	10/100	Q1
Z.A.Alrowaili	Associate Professor	An important role of Ba2+, Sr2+, Mg2+, and Zn2+ in the radiation attenuation performance of CFCBPC bioactive glasses	JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY	WoS	https://doi.org/10.1007/s41779-022-00704-7	17/29	Q3
Z.A.Alrowaili	Associate Professor	Attenuation properties and radiation protection efficiency of Tb2O3-La2O3-P2O5 glass system	JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY	WoS	https://doi.org/10.1007/s41779-022-00707-4	17/29	Q3
Z.A.Alrowaili	Associate Professor	Broadband dielectric relaxation investigations of polyvinyl chloride-fGO nanocomposite films	POLYMER BULLETIN	WoS	https://doi.org/10.1007/s00289-022-04217-y	40/90	Q2

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Abdelazim M Mebed	Professor	Broadband dielectric relaxation investigations of polyvinyl chloride-fGO nanocomposite films	Polymer Bulletin	WoS	https://doi.org/10.1007/s00289-022-04217-y	92/298	Q2
Nomery Mohamed Abass Hadia (N.M.A. Hadia)	Associate Professor	Bunch of Grape-Like Shape PANI/Ag2O/Ag Nanocomposite Photocatalyst for Hydrogen Generation from Wastewater	Adsorption Science & Technology	WoS	https://doi.org/10.1155/2022/4282485	18/74	Q1
A Atta	Associate Professor	Characterization and optical properties of polymer nanocomposite films for optoelectronic applications	Surface Innovations	WoS	https://doi.org/10.1680/jsuin.22.00026	0	Q2
Alzaid, Meshal	Assistant Professor	Cobalt manganese phosphate and sulfide electrode materials for potential applications of battery-supercapacitor hybrid devices	Journal of Energy Storage	WoS	https://doi.org/10.1016/j.est.2022.104632		Q1
Z.A.Alrowaili	Associate Professor	CoFe2O4 surface modification with conducting polypyrrole: employed as a highly active electrocatalyst for oxygen evolution reaction	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	WoS	https://doi.org/10.1007/s10854-022-08265-y	215/334	Q3
Nomery Mohamed Abass Hadia (N.M.A. Hadia)	Associate Professor	Conversion of Sewage Water into H2 Gas Fuel Using Hexagonal Nanosheets of the Polyaniline-Assisted Deposition of PbI2 as a Nanocomposite Photocathode with the Theoretical Qualitative Ab-Initio Calculation of the H2O Splitting	Polymers	WoS	https://doi.org/10.3390/polym14112148	19/94	Q1
Anowar Tozri	Assistant Professor	Critical exponents and magnetic entropy change across the continuous magnetic transition in (La, Pr)-Ba manganites	Applied Physics A volume	WoS	https://doi.org/10.1007/s00339-022-05719-2	n	Q2

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J.Laifi	Assistant Professor	Crystal structure and dielectric properties of the Ca/Y co-substituted BaTiO3	Inorganic Chemistry Communications	WoS	https://doi.org/10.1016/j.inoche.2022.109570	112/292	Q2
A. Atta	Associate Professor	Design, characterization and applications of direct-current plasma source	Emerging Materials Research	WoS	https://doi.org/10.1680/jemmr.22.00008	0	Q4
Z.A.Alrowaili	Associate Professor	Designing phenyl-di-p-tolyl-amine-based asymmetric small molecular donor materials with favorable photovoltaic parameters	OPTIK	WoS	https://doi.org/10.1016/j.ijleo.2022.168739	47/99	Q2
T.A. Taha	Assistant Professor	Detection of heavy metals using one-dimensional gyroidal photonic crystals for effective water treatment	Materials Chemistry and Physics	WoS	https://doi.org/10.1016/j.matchemphys.2022.126125	126/334	Q2
Alzaid, Meshal	Assistant Professor	Diffusion control and surface control mechanism in hierarchical nanostructured porous zinc-based MOF material for supercapattery	International Journal of Energy Research		https://doi.org/10.1002/er.8168		Q1
Z.A.Alrowaili	Associate Professor	Effect of Calcination Temperature on the Structural and Optical Properties of (ZnO)(0.8) (ZrO2)(0.2) Nanoparticles	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	WoS	https://doi.org/10.1007/s10904-022-02238-8	30/90	Q2
AA El-Maaref	Associate Professor	Effect of Fe2O3 as an Aggregate Replacement on Mechanical, and Gamma/ Neutron Radiation Shielding Properties of Phosphoaluminate Glasses	Journal of Inorganic and Organometallic Polymers and Materials	WoS	https://link.springer.com/article/10.1007/s10904-022-02345-6	51/158	Q2
A.A. El-Maaref	Associate Professor	Effect of Fe2O3 as an Aggregate Replacement on Mechanical, and Gamma/	Journal of Inorganic and Organometallic	WoS	https://doi.org/10.1007/s10854-021-07530-w	82/298	Q2

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		Neutron Radiation Shielding Properties of Phosphoaluminate Glasses	Polymers and Materials				
Alzaid, Meshal	Assistant Professor	Effect of potassium on the structural, electronic, and optical properties of CsSrF3 fluro perovskite: First-principles computation with GGA-PBE	Optik	WoS	https://doi.org/10.1016/j.ijleo.2022.168741		Q2
T.A. Taha	Assistant Professor	Enhancement of NLO properties of supersalt (Al(BH4)3)-doped graphene: a DFT study	Journal of Molecular Modeling	WoS	https://doi.org/10.1007/s00894-022-05141-8	60/71	Q4
Z.A.Alrowaili	Associate Professor	Estimation of radiation protection ability of borate glass system doped with CdO, PbO, and TeO2	RADIATION PHYSICS AND CHEMISTRY	WoS	https://doi.org/10.1016/j.radphyschem.2022.109996	3/34	Q1
Z.A.Alrowaili	Associate Professor	Eu-Co substituted Sr-hexaferrites for recording media and microwave devices	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	WoS	https://doi.org/10.1007/s10854-022-08175-z	215/334	Q3
Z.A.Alrowaili	Associate Professor	Evaluation of the radiation shielding characteristics of WO3-MoO3-TeO2/Sb2O3 glasses	CANADIAN METALLURGICAL QUARTERLY	WoS	https://doi.org/10.1080/00084433.2022.2058153	55/80	Q3
Z.A.Alrowaili	Associate Professor	Evaluation of the radiation shielding characteristics of WO3-MoO3-TeO2/Sb2O3 glasses	CANADIAN METALLURGICAL QUARTERLY	WoS	https://doi.org/10.1080/00084433.2022.2058153	55/80	Q3
T.A. Taha	Assistant Professor	Evolution of optical Tamm states in a 1D photonic crystal comprising a nanocomposite layer for optical filtering and reflecting purposes	Optical and Quantum Electronics	WoS	https://doi.org/10.1007/s11082-022-03715-7	57/99	Q3

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Z.A.Alrowaili	Associate Professor	Fabrication, optical and radiation shielding properties of BaO-TeO2-B2O3-Cr2O3 glass system	OPTIK	WoS	https://doi.org/10.1016/j.ijleo.2022.168877	47/99	Q2
Alzaid, Meshal	Assistant Professor	Ferromagnetic Properties of Ni9S8/MoS2 Hybrid Structure	Journal of Superconductivity and Novel Magnetism		DOI: 10.1007/s10948-022-06182-z		Q3
Z.A.Alrowaili	Associate Professor	First principle study of opto-electronic and thermoelectric properties of Zintl Phase XIn(2)Z(2) (X = Ca, Sr and Z = As, Sb)	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	WoS	https://doi.org/10.1007/s00339-022-05582-1	77/160	Q2
Alzaid, Meshal	Assistant Professor	Heterogeneous nanocatalyst for biodiesel fuel production: bench scale from waste oil sources	Zeitschrift für Physikalische Chemie		DOI:10.1515/zpch-2021-3160		Q2
Z.A.Alrowaili	Associate Professor	High density binary TeO2-Bi2O3 glasses: strong potential as a nontoxic and environmentally friendly glass shields for photons/charged particles	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	WoS	https://doi.org/10.1016/j.jmrt.2022.01.040	9/80	Q1
Z.A.Alrowaili	Associate Professor	High electric field-induced relaxor to ferroelectric phase transition in (Bi0.5Na0.3K0.2)TiO3-SrTiO3-(Ba0.8Ca0.2)TiO3 Pb-free piezoelectric ceramic	PPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	WoS	https://doi.org/10.1007/s00339-022-05420-4	77/160	Q2
T.A. Taha	Assistant Professor	Inducing lattice defects in calcium ferrite anode materials for improved	Ceramics International	WoS	https://doi.org/10.1016/j.ceramint.2022.01.121	3/29	Q1-Top10 %

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		electrochemical performance in lithium-ion batteries					
A.M.A. Mostafa	Associate Professor	Influence of combining Al2O3, La2O3, Gd2O3, and Dy2O3 with barium borosilicate glass-ceramics: a case study of gamma radiation interaction parameters	Journal of Materials Research and Technology	WoS	https://doi.org/10.1016/j.jmrt.2022.05.095	32/115	Q1
MAM Uosif	Professor	Influence of combining Al2O3, La2O3, Gd2O3, and Dy2O3 with barium borosilicate Glass-ceramics: A case study of gamma radiation interaction parameters	Journal of Materials Research and Technology	WoS	https://doi.org/10.1016/j.jmrt.2022.05.095	36/153	Q1
Z.A.Alrowaili	Associate Professor	Influence of iron (III) oxide on the optical, mechanical, physical, and radiation shielding properties of sodium-barium-vanadate glass system	OPTIK	WoS	https://doi.org/10.1016/j.ijleo.2022.168844	47/99	Q2
Alzaid, Meshal	Assistant Professor	Interaction of a Phospholipid and a Coagulating Protein: Potential Candidate for Bioelectronic Applications	ACS omega	WoS	https://doi.org/10.1021/acsomega.1c07395		Q1
T.A. Taha	Assistant Professor	Introduced oxygen vacancies in cadmium ferrite anode materials via Zn2+ incorporation for high performance lithium-ion batteries	Materials Science in Semiconductor Processing	WoS	https://doi.org/10.1016/j.mssp.2022.106567	65/273	Q1
Z. A. Alrowaili	Associate Professor	Investigation of the effect of hybrid CuO-Cu/water nanofluid on the solar thermal energy storage system	JOURNAL OF ENERGY STORAGE	WoS	https://doi.org/10.1016/j.est.2022.104675	28/114	Q1
T.A. Taha	Assistant Professor	Molecular engineering control defects within carbon nitride for optimized co-catalyst Pt	International Journal of Hydrogen Energy	WoS	https://doi.org/10.1016/j.ijhydene.2022.01.219	46/168	Q2

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		induced photocatalytic CO2 reduction and NO2 oxidation reaction					
Z.A.Alrowaili	Associate Professor	Nuclear shielding characteristics of Sm3+ doped borosilicate glasses containing Na2O, PbO and ZnO	RADIATION PHYSICS AND CHEMISTRY	WoS	https://doi.org/10.1016/j.radphyschem.2022.110044	3/34	Q1
Z. A. Alrowaili	Associate Professor	Nuclear shielding properties of Ni-, Fe-, Pb-, and W-based alloys	RADIATION PHYSICS AND CHEMISTRY	WoS	https://doi.org/10.1016/j.radphyschem.2022.110090	3/34	Q1
T.A. Taha	Assistant Professor	One-dimensional symmetric phononic crystals sensor: towards salinity detection and water treatment	OPTICAL AND QUANTUM ELECTRONICS	WoS	https://doi.org/10.1007/s11082-022-03716-6	57/99	Q3
Z.A.Alrowaili	Associate Professor	Optical and radiation shielding effectiveness of a newly fabricated WO3 doped TeO2-B2O3 glass system	RADIATION PHYSICS AND CHEMISTRY	WoS	https://doi.org/10.1016/j.radphyschem.2022.109968	3/34	Q1
Z.A.Alrowaili	Associate Professor	Optical and radiation shielding studies on tellurite glass system containing ZnO and Na2O	OPTIK	WoS	https://doi.org/10.1016/j.ijleo.2022.168821	47/99	Q2
Z. A. Alrowaili	Associate Professor	Optical properties and radiation shielding competence of Bi/Te-BGe glass system containing B2O3 and GeO2	OPTIK	WoS	https://doi.org/10.1016/j.ijleo.2022.168883	47/99	Q2
Ali Atta	Associate Professor	Physical, Optical And Radiation Shielding Properties Of Some Phosphate Glasses	Egyptian Journal of Chemistry	Scopus	10.21608/ejchem.2021.103136.4861	0	Q4
Z.A.Alrowaili	Associate Professor	Physical, optical, and radiation characteristics of bioactive glasses for dental prosthetics and orthopaedic implants applications	RADIATION PHYSICS AND CHEMISTRY	WoS	https://doi.org/10.1016/j.radphyschem.2022.109995	3/34	Q1

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A.A El-Maaref	Associate Professor	Physical, Optical, and Radiation Shielding Features of Yttrium Lithium Borate Glasses	Journal of Inorganic and Organometallic Polymers and Materials	WoS	https://link.springer.com/article/10.1007/s10904-022-02321-0	51/158	Q2
A.A. El-Maaref	Associate Professor	Physical, Optical, and Radiation Shielding Features of Yttrium Lithium Borate Glasses	Journal of Inorganic and Organometallic Polymers and Materials	WoS	https://doi.org/10.1007/s10904-022-02321-0	82/298	Q2
E. Abdeltwab	Assistant Professor	Plasma-Induced Modifications on High Density Polyethylene and Polyethylene Terephthalate	ECS Journal of Solid State Science and Technology	WoS	https://iopscience.iop.org/article/10.1149/2162-8777/ac66fe/meta	11/477	Q3
A Atta	Associate Professor	Plasma-Induced Modifications on High Density Polyethylene and Polyethylene Terephthalate	ECS Journal of Solid State Science and Technology	WoS	https://doi.org/10.1149/2162-8777/ac66fe	0	Q3
Nomery Mohamed Abass Hadia (N.M.A. Hadia)	Associate Professor	Poly(m-toluidine)/rolled graphene oxide nanocomposite photocathode for hydrogen generation from wastewater	International Journal of Energy Research	WoS	https://doi.org/10.1002/er.7963	1/	Q1-Top10 %
Z.A.Alrowaili	Associate Professor	Rational design of a BiFeWO6 nanostructure for supercapacitor applications	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	WoS	https://doi.org/10.1007/s10008-022-05154-6	20/29	Q3
T.A. Taha	Assistant Professor	Recent progress in g–C3N4–Based materials for remarkable photocatalytic sustainable energy	International Journal of Hydrogen Energy	WoS	https://doi.org/10.1016/j.ijhydene.2022.04.247	9/29	Q2
Z.A.Alrowaili	Associate Professor	Sapphire irradiation by phosphorus as an approach to improve its optical properties	OPEN PHYSICS	WoS	https://doi.org/10.1515/phys-2022-0022	67/86	Q4

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Z.A.Alrowaili	Associate Professor	Significant influence of Cu content on the radiation shielding properties of Ge-Se-Te bulk glasses	RADIATION PHYSICS AND CHEMISTRY	WoS	https://doi.org/10.1016/j.radphyschem.2022.109981	3/34	Q1
A. Atta	Associate Professor	Structural and dielectric properties of ion beam irradiated polymer/silver composite films	International Journal of Energy Research	WoS	https://doi.org/10.1002/er.7608	0	Q1
A. Atta	Associate Professor	Structural characteristics and optical properties of methylcellulose/polyaniline films modified by low energy oxygen irradiation	Inorganic Chemistry Communications	WoS	https://doi.org/10.1016/j.inoche.2022.109502	0	Q2
Z.A.Alrowaili	Associate Professor	Structural, Electronic, Elastic and Magnetic Properties of Ln(3)QIn (Ln = Ce, Pr and Nd; Q = C and N) anti-perovskites	JOURNAL OF ELECTRONIC MATERIALS	WoS	https://doi.org/10.1007/s11664-022-09543-5	249/334	Q3
E Abdeltwab	Assistant Professor	Structural, mechanical and electrical properties of sputter-coated copper thin films on polyethylene terephthalate	International Journal of Modern Physics B	WoS	https://doi.org/10.1142/S0217979222501259	10277	Q3
Alzaid, Meshal	Assistant Professor	Synergistic effects of Bi and N doped on ZnO nanorods for efficient photocatalysis	Materials Chemistry and Physics		https://doi.org/10.1016/j.matchemphys.2022.126423		Q2
A. Tozri	Assistant Professor	Synthesis and investigation on the microstructural and electrical proprieties of Ni0.1Co0.5Cu0.4Fe2O4 ferrite prepared using sol-gel route	Journal of Solid State Chemistry	WoS	https://doi.org/10.1016/j.jssc.2022.122898	74/298	Q3
Alzaid, Meshal	Assistant Professor	Synthesis of ZnO/Ag/phosphorene for photocatalytic reduction of hexavalent chromium (Cr-VI)	Applied Nanoscience		https://link.springer.com/article/10.1007/s13204-022-02509-3		Q2

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Z.A.Alrowaili	Associate Professor	Synthesis, thermal, optical, mechanical and radiation-attenuation characteristics of borate glass system modified by Bi2O3/MgO	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	WoS	https://doi.org/10.1007/s00339-022-05475-3	77/160	Q2
T.A. Elmosalami	Assistant Professor	The Co-precipitated preparation, characterization, and optical investigations of Cu-doped CdO nanomaterials	Physica Scripta	Scopus	10.1088/1402-4896/ac6210	..	Q2
M.F.Hasaneen	Assistant Professor	The Co-precipitated preparation, characterization, and optical investigations of Cu-doped CdO nanomaterials	physica scripta	WoS	https://doi.org/10.1088/1402-4896/ac6210	39/169	Q2
Z. A. Alrowaili	Associate Professor	The influential role of ITO heat treatment on improving the performance of solar cell n-ITO/p-Si junction: Structural, optical, and electrical characterizations	MATERIALS TODAY COMMUNICATIONS	WoS	https://doi.org/10.1016/j.mtcomm.2022.103272	165/334	Q2
Z.A.Alrowaili	Associate Professor	Theoretical investigation of structural, topological, mechanical and thermal behavior of SrPtS and BaPtS Heusler alloys	PHYSICA SCRIPTA	WoS	https://doi.org/10.1088/1402-4896/ac64cf	40/86	Q2

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Physis Departmenmt

Head of scientific committee

Prof. Mohamed Amin Uosif

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