



كلية العلوم
College of Science



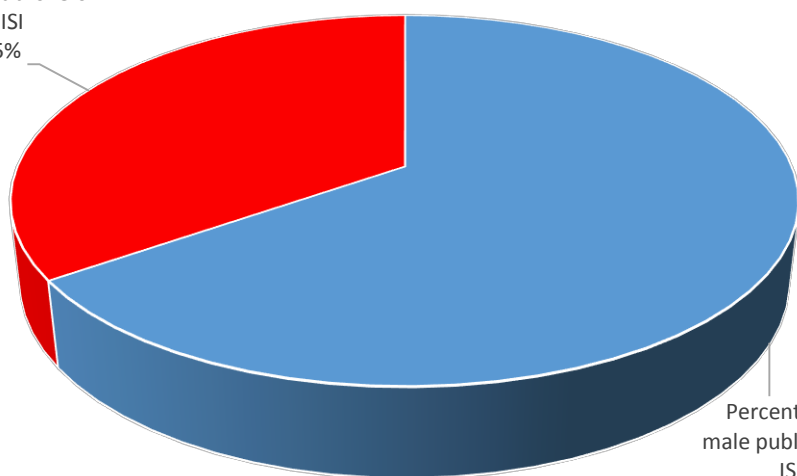
جامعة الجوف
Jouf University

**RESEARCH OUTCOMES
FOR COLLEGE OF
SCIENCE
(2020)**

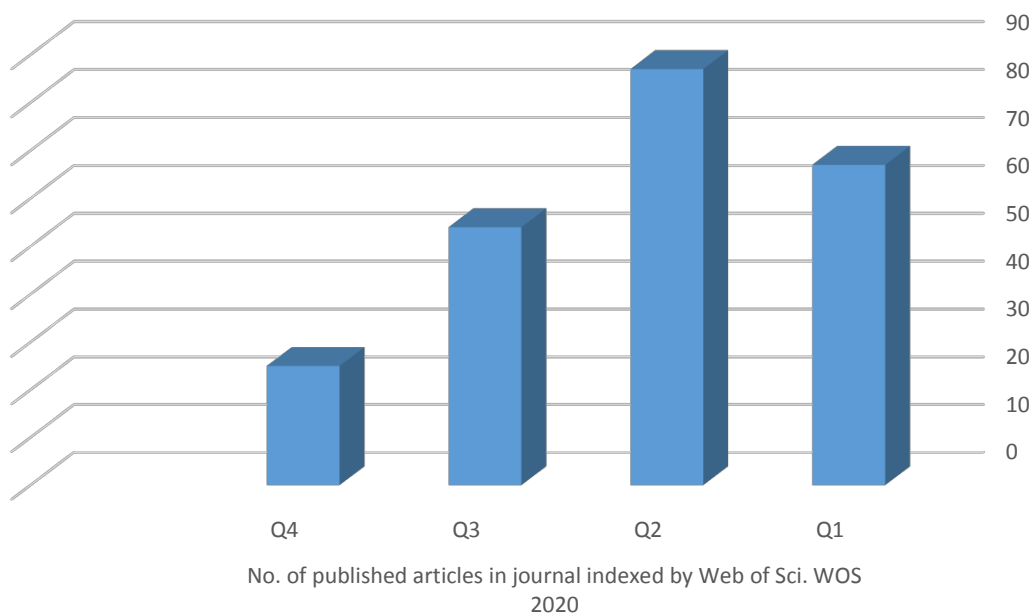
Research Outcomes for College of Science

| College of Science | | | | | | |
|--------------------------------------------------------------|----------------------------------|------------------------------------|------------------------------------------------------------------------|----|----|----|
| No of published articles in journal indexed by Scopus (2020) | Total number of members | | No. of published articles in journal indexed by Web of Sci. WOS (2020) | | | |
| | Male | Female | | | | |
| 39 | 86 | 54 | | | | |
| | Number of male publishers in ISI | Number of female publishers in ISI | Q1 | Q2 | Q3 | Q4 |
| | 66 | 35 | 67 | 87 | 54 | 25 |

Percentage of female publishers in ISI
35%



Percentage of male publishers in ISI
65%



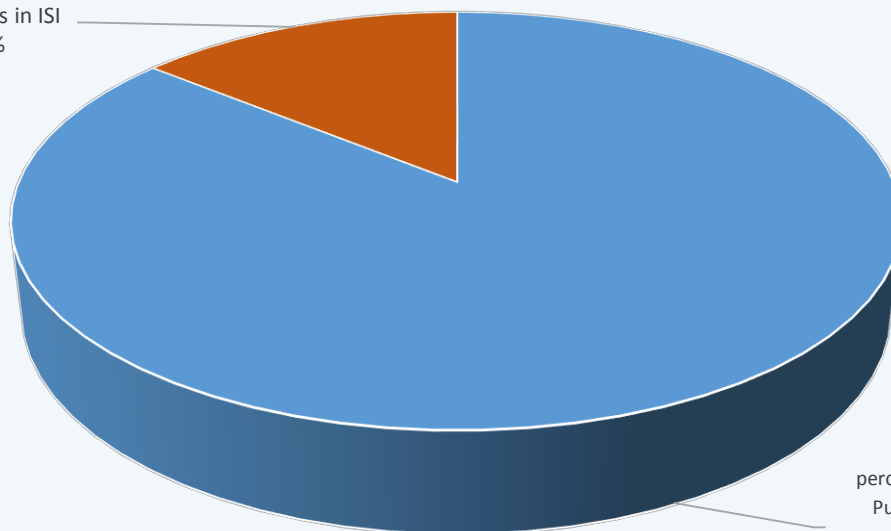
2020

**Physics
Department**

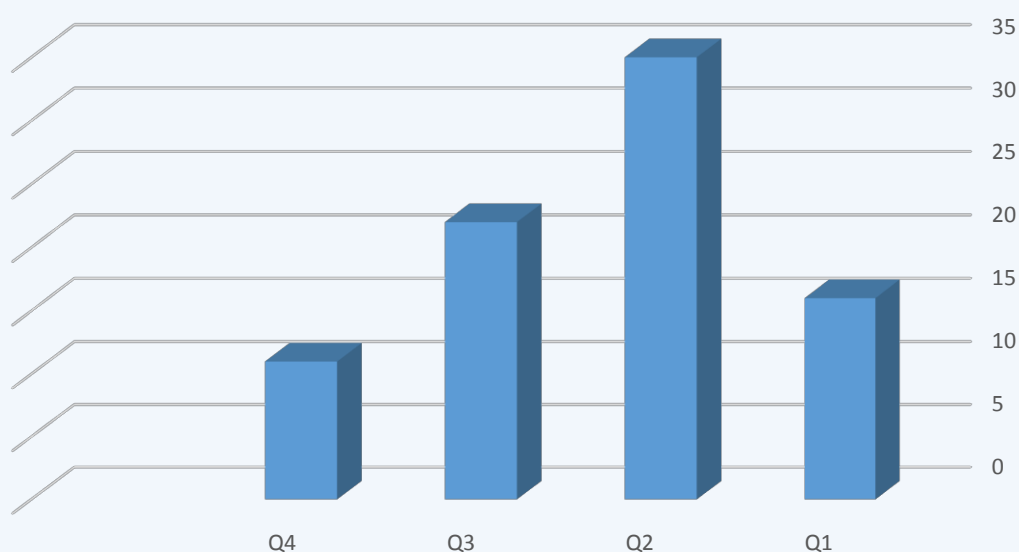
Research Outcomes for Physical department

| College of Science | Physics department | | | |
|------------------------------------------------------------------------|----------------------------------|---------------|----------------------------------------------------------------------------------|-----------|
| No of published articles in journal indexed by Scopus (2020) | Total Number of members | | No. of published articles in journal indexed by Web of Sci. WOS (2020) | |
| | Male | Female | | |
| 5 | 21 | 11 | Q1 | Q2 |
| | Number of male publishers in ISI | | Number of female publishers in ISI | |
| | 20 | 8 | 16 | 35 |
| | | | Q3 | Q4 |
| | | | 22 | 11 |

percentage of female Publishers in ISI
14%



percentage of male Publishers in ISI
86%



No. of published articles in journal indexed by Web of Sci. WOS
2020

List of Published articles

| Name | Title of research | Journal | Impact factor | Quartile | Rank in Category | ISI /SCOUP US/ other |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------|----------|------------------|----------------------|
| Dr. Meshal Alzaid | Tailoring the thermoelectric properties of bulk ZnAlO with different aluminum concentrations (1, 1.5 and 2%) by post annealing in air at various temperatures https://doi.org/10.1016/j.physb.2020.412727 | Physica B: Condensed Matter | 1.591 | Q3 | 41 / 69 | ISI |
| Dr. Meshal Alzaid Dr. Muhammad Z. Iqbal Dr. Syed S SanaZakar Dr. Amir M Afzal Dr. Sikandar Aftabd | Cobalt-oxide/carbon composites for asymmetric solid-state supercapacitors https://doi.org/10.1016/j.matresbull.2020.110974 | Materials Research Bulletin | 4.019 | Q2 | 94 / 314 | ISI |
| Dr. Meshal Alzaid Dr. Muhammad Zahir Dr. AbbasKhan Dr. ArshidNuman Dr. JavedIqbal | Facile sonochemical synthesis of strontium phosphate-based materials for potential application in supercapattery devices https://doi.org/10.1016/j.ijhydene.2020.08.177 | International Journal of Hydrogen Energy | 4.939 | Q2 | 7 / 27 | ISI |
| Dr. Meshal Alzaid Dr. Muhammad Zahir Dr. Mian Muhammad Dr. Faisal Dr. Muhammad Sulman Dr. Syeda RamshaAli | Facile synthesis of strontium oxide/polyaniline/graphene composite for the high-performance supercapattery devices https://doi.org/10.1016/j.jelechem.2020.114812 | Journal of Electroanalytical Chemistry | 3.807 | Q1 | 17 / 86 | ISI |
| Dr. Meshal Alzaid Dr. Muhammad Sajjad, Dr. Khuram Ali, Yasir Dr. Javed, Abdul Sattar, Dr. Lubna Akbar Dr. Ahmad Nawaz Dr. Muhammad Zahid Dr. Rashid K Rasool | Detailed analysis of structural and optical properties of spinel cobalt doped magnesium zinc ferrites under different substitutions https://doi.org/10.1007/s10854-020-04690-z | Journal of Materials Science-Materials in Electronics | 2.22 | Q2 | 74 / 155 | ISI |
| Dr. Meshal Alzaid Dr. Muhammad Raza Dr. Hussein A OrcID, Dr. Rizwan Ahmed Malik Dr. Azhar Hussain Dr. Mohsin Saleem | Structural, Fatigue Behavior and Mechanical Properties of Zirconium Tungstate Reinforced Casted A356 Aluminum Alloy https://doi.org/10.3390/met10111492 | Metals | 2.117 | Q1 | 18 / 79 | ISI |
| Dr. Meshal Alzaid Dr. Awais Awan, Riffat Dr. Asim Pasha Dr. Muhammad S Butt Dr. Rizwan Ahmed Malik Dr. Ibrahim M. Alarifi Dr. Muhammad Latif Dr. Ammar Naseer Dr. Mohsin Saleem Dr. Hussein Alrobei | Corrosion and wear behavior of TiN PVD coated 304 stainless-steel https://doi.org/10.1007/s12206-020-0714-2 | Journal of Mechanical Science and Technology | 1.345 | Q3 | 97 / 130 | ISI |
| Dr. Meshal Alzaid | Numerical and experimental evaluation of the mechanical | Journal of Mechanical | 1.345 | Q3 | 97 / 130 | ISI |

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| Dr. Muhammad Nabeel Dr. Muhammad Ali Nasir Dr. Mariyam Sattar Dr. Rizwan Ahmed Malik Dr. Muhammad Shoaib Dr. Butt Mohsin Saleem Dr. Hussein Alrobei | behavior of Kevlar/glass fiber reinforced epoxy hybrid composites https://doi.org/10.1007/s12206-020-1019-1 | Science and Technology | | | | |
| Dr. Meshal Alzaid Dr. Salma Ikram Dr. Fouzia Ashraf Dr. K. Mahmood Dr. N. Amin Dr. S. Ali Haider | Role of Nature of Rare Earth Ion Dopants on Structural, Spectral, and Magnetic Properties in Spinel Ferrites https://doi.org/10.1007/s10948-020-05723-8 | Journal of Superconductivity and Novel Magnetism | 1.244 | Q4 | 118 / 155 | ISI |
| Dr. Meshal Alzaid Dr. Atta Rehmana Dr. N.A.MorleyNasir Dr. Amin M Imran Dr. Arshad M Ajaz | Controllable synthesis of La ³⁺ doped Zn _{0.5} Co _{0.25} Cu _{0.25} Fe _{2-x} LaxO ₄ (x= 0.0, 0.0125, 0.025, 0.0375, 0.05) nano-ferrites by sol-gel auto-combustion route https://doi.org/10.1016/j.ceramint.2020.08.106 | Ceramics International | 3.83 | Q1 | 2 / 28 | ISI |
| Dr. Meshal Alzaid Dr. Muhammad Z Iqbal Dr. Sana Zakar Dr. Muhammad Tayyab Dr. Syed Shabhi Haider Dr. Amir M Afzal Dr. Sikandar Aftab | Scrutinizing the charge storage mechanism in SrO based composites for asymmetric supercapacitors by diffusion-controlled process https://doi.org/10.1007/s13204-020-01542-4 | Applied Nanoscience | 2.88 | Q3 | 58 / 103 | ISI |
| Dr. Meshal Alzaid Dr. Muhammad Z. Iqbal Dr. Mian M Faisala Dr. Syeda Ramsha Ali | A facile approach to investigate the charge storage mechanism of MOF/PANI based supercapattery devices https://doi.org/10.1016/j.ssi.2020.115411 | Solid State Ionics | 3.107 | Q2 | 26 / 69 | ISI |
| Dr. Meshal Alzaid Dr. Ghulam Nabiab Dr. Muhmmad Tanveera Dr. M. Bilal Tahira Dr. Mawra K Muhammad Dr. Rafiquec N.R. Dr. Khalid Nisar Dr.Fatima T Nawaza | Mixed solvent based surface modification of CuS nanostructures for an excellent photocatalytic application https://doi.org/10.1016/j.inoche.2020.108205 | Inorganic Chemistry Communications | 1.943 | Q3 | 23 / 45 | ISI |
| Dr. Meshal Alzaid Dr. Nomery M A Hadia | Extraction Of Thickness, Linear And Nonlinear Optical Parameters Of Ge ₂₀ +Xse ₈₀ -X Thin Films At Normal And Slightly Inclined Light For Optoelectronic Devices https://doi.org/10.1016/j.optmat.2020.110539 | Optical Materials | 2.779 | Q2 | 30 / 97 | ISI |
| Dr. Nomery M A Hadia Dr. Meshal Alzaid Dr. Wael S Mohamed | Tailoring The Physical Properties Of Low Dimensional Mgo Nanostructures Using Vapor Transport Deposition https://doi.org/10.1016/j.matchar.2020.110392 | Materials Characterization | 3.56 | Q1 | 3 / 33 | ISI |

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| Dr. Meshal Alzaid Noha Almoisheer | Superior performance of sonochemically synthesized binary composites of nickel-manganese phosphates for supercapattery devices https://doi.org/10.1016/j.est.2020.102020 | Journal of Energy Storage | 3.762 | Q2 | 45 / 112 | ISI |
| Dr. Ziyad Alrowaili Dr. Ahmed El-Hussein Dr. Sello L Manoto Dr. Saturnin Ombind Dr. Lemboumba Patience Dr. Mthunzi-Kufa | A Review Of Chemotherapy And Photodynamic Therapy For Lung Cancer Treatment https://pubmed.ncbi.nlm.nih.gov/32242788/ | Anti-Cancer Agents In Medicinal Chemistry | 2.049 | Q3 | 43/61 | ISI |
| Dr.Ziyad A Alrowaili Dr. T. A. Taha, Dr. M. I. Brahim Dr. K. M. A. Saron | Assessment Of Radon Concentration And Its Resulting Radiological Hazards In Jouf University: Girls Campus, Sakaka, KSA https://pjmhsonline.com/2020/jan_march/pdf/586.pdf | Pakistan Journal Of Medical & Health Sciences | | | | Scopus |
| Dr. Ziyad A. Alrowaili Dr. T. A. Taha, Dr. M. I. Brahim Dr. K. M. A. Saron | Synthesis, Optical Absorption And Radiation Shielding Performance Of Sodium Zinc Borate-Er ₂ O ₃ Glasses https://doi.org/10.1007/S11664-020-08661-2 | Journal Of Electronic Materials | 1.774 | Q3 | 216/314 | ISI |
| Dr. Ziyad A Alrowaili Dr. M. A. Kasem Icon Dr.I. Yousef,Z Dr. A. El-Hussein | Investigating Egyptian Archeological Bone Diagnosis Using ATR-FTIR Micro spectroscopy https://doi.org/10.1080/16878507.2020.1752480 | Journal Of Radiation Research And Applied Sciences | 1.804 | Q3 | 38/71 | ISI |
| Dr. Ziyad A Alrowaili Dr. Mohammed Ezzeldien Dr. M.I.Mohammed Dr. I.S.Yahiaefg | Design of A Low – Cost Laser CUT – Off Filters Using Carmine Dye- Doped PVA Polymeric Composite Films https://doi.org/10.1016/J.Rinp.2020.103203 | Results In Physics | 4.019 | Q1 | 14/85 | ISI |
| Dr. Ziyad A Alrowaili Dr. Ashraf Dr. F. Alia Dr. Emad M El-Giard Dr. Manar M.Ahmede Dr. Abeer M.El-Kadye | Novel Green Synthesis Of Hydroxyapatite Uniform Nanorods Via Microwave-Hydrothermal Route Using Licorice Root Extract As Template https://doi.org/10.1016/J.Ceramint.2020.09.256 | Ceramics International | 3.83 | Q1 | 2/28 | ISI |
| Dr. Ziyad A. Alrowaili | Polymer Gel Dosimetry System: Fundamental Characteristics, Properties And Applications https://doi.org/10.1166/Sam.2020.3879 | Science Of Advanced Materials | 1.117 | Q4 | 266/314 | ISI |
| Dr. Ziyad A Alrowaili Dr. Nomery M A Hadia | Ellipsometric Evaluation And Morphology Of Mixed Zinc Sulfide/Zinc Oxide | Canadian Journal Of Physics | 1.032 | Q3 | 61 / 85 | ISI |

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| | And Zinc Oxide Nanostructures Synthesized At Various Temperatures https://doi.org/10.1139/Cj-p-2018-0945 | | | | | |
| Dr. Ziyad A Alrowaili Dr. Eslam Abd AlTawab Dr. Ali Atta M Ahmed | Controlled Growth Of Hexagonal Nanocrystals Co And Gd Co-Doping Zno By Hydrothermal Method https://doi.org/10.1680/Jemmr.19.00133 | Emerging Materials Research | 0.413 | Q4 | 307 /314 | ISI |
| Dr. Massaud Mostafa, Dr. <u>Ziyad A Alrowaili</u> | MATLAB Image Treatment Of Copper-Steel Laser Welding https://doi.org/10.1155/2020/8914841 | Emerging Materials Research | 1.271 | Q4 | 307 /314 | ISI |
| Dr. Massaud Mostafa Dr. Ziyad A Alrowaili | Ferroelectric Behavior And Spectroscopic Properties Of La-Modified Lead Titanate Nanoparticles Prepared By A Sol-Gel Method https://doi.org/10.1016/J.heliyon.2020.E03389 | Heliyon | 1.2 | Q2 | 43/111 | ISI |
| Dr. Amr Nassar, Dr. Ziyad A. Alrowaili Dr. Ben A. Cheba Sultan Akhtar | Facile Synthesis Of New Composite, Ag-Nps-Loaded Core/Shell Cdo/Co3O4 Nps, Characterization And Excellent Performance In Antibacterial Activity https://link.springer.com/article/10.1007/s13204-020-01606-5 | Applied Nanoscience | 2.88 | Q3 | 58/103 | ISI |
| Dr. Mohamed A Uosif Dr. AHMED Mostafa Dr. Ziyad A. Alrowaili | Structural, Mechanical And Radiation Shielding Properties Of Newly Developed Tungsten Lithium Borate Glasses: An Experimental Study https://www.sciencedirect.com/science/article/abs/pii/S0022309319307525 | Journal Of Non-Crystalline Solids | 2.929 | Q1 | 4/28 | ISI |
| Dr. Mohamed A Uosif Dr. Ziyad A Alrowaili Dr. Ahmed Mostafa | Soil-Soybean Transfer Factor Of Natural Radionuclides In Different Soil Textures And The Assessment Of Committed Effective Dose https://academic.oup.com/rpd/article-abstract/188/4/529/5735230 | Radiation Protection Dosimetry, | 0.79 | Q4 | 27/34 | ISI |
| Dr. Ahmed Mostafa Dr. Mohamed A Uosif Dr. Ziyad A Alrowaili | The Dependence Of Natural Radioactivity Levels And Its Radiological Hazards On The Texture Of Agricultural Soil In Upper Egypt https://link.springer.com/article/10.1007/s12665-020-08946-z | Environmental Earth Sciences | 2.253 | Q2 | 43/94 | ISI |
| Dr. Mohamed F Hasaneen | Structure And Optical Properties Of Polycrystalline | Materials Research Express | 1.929 | Q3 | 203/314 | ISI |

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| Dr. Ziyad A Alrowaili Dr. Wael S Mohamed | Znse Thin Films: Validity Of Swanepol's Approach For Calculating The Optical Parameters https://doi.org/10.1088/2053-1591/Ab6779 | | | | | |
| Dr. Alhulw H Alshammari Dr. Zahrah Alqahtani Dr. Faiz B Mohd Suah Dr. Syaza Atikah Nizar. Dr. Alan Dunbar | Low Cost, High Sensitivity Detection Of Waterborne Al ³⁺ Cations And F ⁻ Anions Via The Fluorescence Response Of A Morin Derivative Dye https://doi.org/10.1016/J.Aca.2020.01.070 | Analytica Chimica Acta | 5.977 | Q1 | 10 /86 | ISI |
| Dr.Mohamed A Uosif Dr. Reda Alsaman Dr. Atef El Taher | Transfer Factor Of Natural Radionuclides From Clay Loam Soil To Sesame And Cowpea: Radiological HaZiyadrds http://ijr.com/article-1-2807-en.html | International Journal Of Radiation Research | 0.598 | Q4 | 133/134 | ISI |
| Dr. Ali Atta M Ahmed Dr Ahmed Abdel- Raheem Dr. Eslam Abdel-Tawab | ION BEAM IRRADIATION EFFECTS On SURFACE MORPHOLOGY And OPTICAL PROPERTIES Of Zno/PVA COMPOSITES https://doi.org/10.1142/S0218625X19502147 | Surface Review And Letters | 0.835 | Q4 | 61/69 | ISI |
| Dr. Ali Atta M Ahmed | Fabrication, Structural Investigation And Comparative Optical Characterization Of Copper Polymer Nanocomposite https://doi.org/10.1007/S00339-020-03990-9 | Applied Physics A: Materials Science And Processing | 1.81 | Q3 | 90/155 | ISI |
| Dr. Ahmed Abdel-Galil Dr. Ali Atta M Ahmed Dr. Mohamed Balboul | Effect Of Low-Energy Oxygen Ion Beam Treatment On The Structural And Physical Properties Of Zno Thin Films https://doi.org/10.1142/S0218625X20500195 | Surface Review And Letters | 0.835 | Q4 | 61/69 | ISI |
| Dr. Ali Atta M Ahmed | Enhanced Dielectric Properties Of Flexible Cu/Polymer Nanocomposite Films https://doi.org/10.1680/Jsuin.20.00020 | Surface Innovations | 2.845 | Q2 | 6 /21 | ISI |
| Dr. Ali Atta M Ahmed Dr Hassan Abdel Hameed Dr Yasser Hassan Dr Mohamed El Okr | Ion Beam And Discharge Characteristics Of Cold Cathode Ion Source http://op.niscair.res.in/ndex.php/IJPAP/Article/View/25926 | Indian Journal Of Pure And Applied Physics | 0.653 | Q4 | 73/85 | ISI |
| Dr Moustafa Yousef Dr. Ali Atta M Ahmed Dr Ahmed Abdel- Raheem | Synthesis And Optical Properties Of | Journal Of Materials Science: | 2.22 | Q2 | 74/155 | ISI |

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| Dr Mohamed El Okr Dr. Atef Farag | PVA/PANI/Ag Nanocomposite Films https://doi.org/10.1007/S10854-020-04774-W | Materials In Electronics | | | | |
| Dr. Mohamed F Hasaneen Dr. M.M. Abd El-Raheem Dr. Mahrous R. Ahmed | Effect Of RF Power Of Al ₂ O ₃ Target On The Physical Properties Of Aluminum-Doped Zinc Oxide Films https://doi.org/10.1007/S00339-020-04021-3 | Applied Physics A | 1.6 | Q3 | | ISI |
| Dr. Mohamed F Hasaneen Dr. A.M. Abdhakeem Dr. H.M.Ali Dr. M.M.Abd El-Raheem | Study The Effect Of Type Of Substrates On The Microstructure And Optical Properties Of Cdte Thin Films https://doi.org/10.1016/J.jleo.2020.165390 | Optik | 2.3 | Q2 | 46/97 | ISI |
| Dr. Mohamed F Hasaneen Dr. A.M. Abdhakeem Dr. H.M.Ali Dr. M.M.Abd El-Raheem | Structure And Optical Properties Of Thermally Evaporated Te Doped Znse Thin Films https://doi.org/10.1016/J.mseb.2020.114704 | Materials Science And Engineering: B | 4.79 | Q1 | -- | ISI |
| Dr. Mohamed F Hasaneen Dr. Y. A. Taya Dr. H. M. Ali Dr. Mahrous R. Ahmed | Optical And Structure Properties Of Cdte/Cds Flms Under Influence Of Both Cdcl ₂ Heat Treatment And (O ₂ +Ar) Atmosphere https://doi.org/10.1007/S00339-020-03688-Y | Applied Physics | 1.6 | Q3 | ---- | ISI |
| Dr. Nomery M A Hadia Dr. E.M.M. Ibrahim Dr. G.A. Ahmed Dr. Vyacheslav Khavrus Dr. S.H. Mohamed Dr. Silke Hampel Dr.A.M. Adam | Tailoring The Thermoelectric Properties Of Pb ₁ -Xsmxte Nanostructures Via Sm Doping https://doi.org/10.1016/J.ijntermet.2020.106923 | Intermetallics | 3.398 | Q2 | 117 / 314 | ISI |
| Dr. Nomery M A Hadia Dr. H Ali Dr. A.M. Alsmadi Dr.B. Salameh Dr. M Mathai Dr. M Shatnawi Dr. E.M.M. Ibrahim | Influence Of Nickel Doping On The Energy Band Gap, Luminescence, And Magnetic Order Of Spray Deposited Nanostructured Zno Thin Films https://doi.org/10.1016/J.jallcom.2019.152538 | Journal Of Alloys And Compound 816 | 4.65 | Q2 | 51/159 | ISI |
| Dr. Nomery M A Hadia Dr. A.M. Abdelraheem Dr. M.I. Abd-Elrahman Dr. Mansour Mohamed Dr. E. R. Shaaban | Linear And Non-Linear Optical Parameters Of Diluted Magnetic Semiconductor Cds _{0.9} Mn _{0.1} Thin Film: Influence Of The Film Thickness https://doi.org/10.1007/S11664-019-07873-5 | Journal Of Electronic Materials | 1.774 | Q3 | 92 / 155 | ISI |
| Dr. Reda M E Elagmy Dr. S. Nawar Dr. A.B. Morcos Dr. G.M.A. Gad Dr. Samar Elgohary | Sky Twilight Brightness At Zenith Expressed In Magnitudes https://doi.org/10.1080/20909977.2020.1714176 | NRIAG Journal Of Astronomy And Geophysics | 0.9 | | | Scopus |

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| Dr. Jihed B Laifi Dr. A.Bchetnia | Impact Of Carrier Gas On The Gan Layers Properties Grown On (001) And (11n) Gaas Substrates By AP-MOVPE: Comparative Study https://link.springer.com/article/10.1134/S106378262006010X | Semiconductors | 0.77 | Q3 | 65/69 | ISI |
| Dr. Ahmed Abou Elmaaref Dr. Kh.S. Shaaban Dr. E. A. Abdel Wahab Dr. M. Abdelawwad Dr. E. R. shaaban Dr. El Sayed Yousef Dr. H. Wilke Dr. H. Hillmer Dr. J. Börcsök | Judd–Ofelt Analysis And Physical Properties Of Erbium Modified Cadmium Lithium Gadolinium Silicate Glasses https://doi.org/10.1007/S10854-020-03065-8 | Journal Of Materials Science: Materials In Electronics | 2.22 | Q2 | 74/155 | ISI |
| Dr. Ahmed Abou Elmaaref Dr. Kh.S. Shaaban Dr. E. A. Abdel Wahab Dr. M. Abdelawwad Dr. M.S.I. Koubisy Dr. El Sayed Yousef Dr. J. Börcsök | Visible And Mid-Infrared Spectral Emissions And Radiative Rates Calculations Of Tm ³⁺ Doped BBLC Glass https://doi.org/10.1016/J.Saa.2020.118774 | Spectrochimica Acta Part A: Molecular And Biomolecular Spectroscopy | 3.2 | Q1 | 7/42 | ISI |
| Dr. Ahmed Abou Elmaaref Dr. Kh.S. Shaaban Dr. E. A. Abdel Wahab Dr. M. Abdelawwad Dr. J. Börcsök | Lithium Cadmium Phosphate Glasses Doped Sm ³⁺ As A Host Material For Near-IR Laser Applications https://doi.org/10.1016/J.Optomat.2020.110638 | Optical Materials | 2.8 | Q2 | 30/97 | ISI |
| Dr. W.Hzez Dr. R.Hamdi Dr. Kraiem,H. Dr. Rahmouni,A Dr. TozriceK.Khirouni Dr. E.Dhahri | Close Look On The Impact Of Treating Dysprosium Manganite With Ca/Sr In Terms Of Transport Properties https://doi.org/10.1016/J.Jallcom.2020.155121 | Journal Of Alloys And Compounds | 4.65 | Q2 | 51 / 159 | ISI |
| Dr. L.H.Omari Dr. A.Lekdadri Dr. E.K.Hlil Dr. H.Lassri Dr. R.Moubah Dr. A.Tozri Dr. E.Dhahri Dr. M.Kerouad Dr. A.Zaim | Nano-Sized Magnetocaloric Compounds Investigation By Using MagnetiZiyadion Measurement And Monte Carlo Simulation: Case Of LSMO Nanoparticles https://doi.org/10.1016/J.Mtcomm.2019.100857 | Materials Today Communications | 2.678 | Q2 | 151/314 | ISI |
| Dr. Wael S Mohamed | Theoretical Studies Of Thin-Film Solar Cells Based On Cdte With Different Window-Layers http://www.naturalspublishing.com/article.asp?artid=21907 | International Journal Of Thin Films Science And Technology | | | | Scopus |

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| Dr. Wael S Mohamed | Facile Synthesis And Characterization Of Novel Gd ₂ O ₃ -CdO Binary Mixed Oxide Nanocomposites Of Highly Photocatalytic Activity For Wastewater Remediation Under Solar Illumination https://www.sciencedirect.com/science/article/abs/pii/S0022369720309707?via%3Dihub | Journal Of Physics And Chemistry Of Solids | 3.4 | Q2 | 26/68 | ISI |
| Dr. Wael S Mohamed | Impact Of Rare Earth Europium (RE-Eu ³⁺) Ions Substitution On Microstructural, Optical And Magnetic Properties Of CoFe ₂ -XeuxO ₄ Nanosystems https://www.sciencedirect.com/science/article/pii/S0272884220307963?via%3Dihub | Ceramics International | 3.8 | Q1 | 2/28 | ISI |
| Dr. Abdelazim M Mebed | Two Phase Co-Cu Thin Films With Size Distribution Of Ferromagnetic Nanostructures Optimum For Giant Magneto Resistance https://doi.org/10.1166/Jnn.2020.17883 | J Nanoscience and Nanotechnology, | 1.134 | Q4 | 94 /103 | ISI |
| Dr.A. M. Mebed Dr. Alaa Abd-Elnaiem | Influence Of Anodizing Parameters On The Electrochemical Characteristics And Morphology Of Highly Doped P-Type Porous Silicon https://link.springer.com/article/10.1007/s12633-020-00490-6 | Silicon | 1.5 | Q4 | 243/314 | ISI |
| Dr. Alaa M. Abd-Elnaiem Dr. Seena I. Hussein Dr. Hasan S. Assaedi Dr. A. M. Mebed | Fabrication And Evaluation Of Structural, Thermal, Mechanical And Optical Behavior Of MWCNTs/Epoxy-TEOS Composites For UV-Shielding https://doi.org/10.1007/S00289-020-03301-5 | Polymer Bulletin | 2.014 | Q2 | 38/89 | ISI |
| Dr. Alaa Abd-Elnaiem Dr. A.M. Mebed Dr. Hatem R. Alamri Dr. Hasan S. Assaedi | Tailoring Controllable Nanowires Morphology Using Multi-Layer Porous Anodic Alumina Template For Technological Applications https://iopscience.iop.org/article/10.1149/1945-7111/Ab9d66 | Journal Of Electrochemical Society; | 3.721 | Q1 | 5/21 | ISI |

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| Dr. Massaud Mostafa Dr. Jihad. Laifi Dr. M. Ashari Dr.Ziyad A Alrowaili | Image Treatment Of Copper-Steel Laser Welding. Advances In Materials Science And Engineering https://www.hindawi.com/journals/amse/2020/8914841/ | Advances In Materials Science And Engineering | 2 | Q3 | 252/460 | ISI |
| Dr. Massaud Mostafa Dr. M.Mobarak Dr. M.A.Zied Dr.M.Ashari | Effects Of Growth Technique On The Microstructure Of CuInSe ₂ Ternary Semiconductor Compound https://doi.org/10.1016/j.heliyon.2020.E03196 | Heliyon | 1.2 | Q2 | 43/111 | ISI |
| Dr. Massaud Mostafa Dr. K. H. Omran, Dr. M. S. Abd El-sadek, Dr. O. M. Hemeda | Influence Of Pbo Phase Content On Structural And Optical Properties Of PZT Nanopowders https://doi.org/10.1007/S13204-020-01390-2 | Applied Nanoscience | 4.9 | Q1 | 13/86 | ISI |
| Dr. Massaud Mostafa Dr. K. H. Omran, Dr. M. S. Abd El-sadek, Dr. O. M. Hemeda | Microstructural Analysis And Optical Properties Of Lead Zirconate Nanoparticles https://doi.org/10.1007/S11837-020-04296-0 | Jom | 3.9 | Q2 | 52/460 | ISI |
| Dr. Ahmed M A Mostafa Dr. Umit Kara Dr. E. Kavaz Dr. Shams A. M. Issa Dr. M. Rashad Dr. G. Susoy Dr. Ahmed M A Mostafa Dr. N. Yildiz Yorgun, Dr. O. Tekin | Optical, Structural And Nuclear Radiation Shielding Properties Of Li ₂ B ₄ O ₇ Glasses: Effect Of Boron Mineral Additive https://doi.org/10.1007/S00339-020-3446-3 | Applied Physics A | 1.81 | Q3 | 90 /155 | ISI |
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