

No.	Authors	Title	Journal name
1	Ahmed S. Al-Asadi <sup>2</sup>	Structural, morphological, and Z-scan technique for a temperature	Applied Physics, B, 125, 48, 2019
2	Fahmi Sh. Radhi <sup>3</sup>	Critical Point of the <sup>152</sup> Sm, <sup>154</sup> Gd, and <sup>156</sup> Dy Isotones	Physics of Atomic Nuclei, 82, 3, 201, 2019
3	Abdulameer Imran, Hussain Ali Badran	Preparation and optoelectronic studies of the organic compound	Journal of Materials Science: Materials in Electronics
4	M.F. Al-Mudhaffer	The Contribution of Fullerene Photocurrent Generation to Organic Solar Cell Performance	The Journal of Physical Chemistry C, 123, 18, 11950, 2019
5	M.F. Al-Mudhaffer	Role of Stabilizing Surfactants on Capacitance, Charge, and Ion Transport in Organic Nanoparticle-Based Electronic Devices	ACS Applied Materials Interfaces, 2019
6	Ahmed S. Al-Asadi	Formation of graphene nanosheets/epoxy resin composite and study its structural, morphological and nonlinear optical properties	Optical Materials, 89, 460, 2019
7	Ahmed S. Al-Asadi	Structural, morphological, and Z-scan technique for a temperature-controllable chemical reaction synthesis of zinc sulfide nanoparticles	Applied Physics B, 125, 48, 2019
8	Ahmed S. Al-Asadi	Electronic structure and band gap engineering of bilayer graphene nanoflakes in the presence of nitrogen, boron and boron nitride impurities	Superlattices and Microstructures, 129, 14, 2019
9	M.J. Majid	I-V characteristics and conductance of strained SWCNTs	Physics Letters A, 383, 9, 879, 2019
10	د. وليد علي حسين + ناظم	The study of Carbon Nanoparticles (CNPs) & Film Thickness & Temperature Effect on the electrical properties of poly (3-hexylthiophene-2,5-diyl)	Advance in life science and Technology 67, 2018

11	Al-Khudair, F.H.	Investigation of isospin excited and mixed-symmetry states in even-even $N = Z$ nuclei	International Journal of Modern Physics E, 2018
12	Alaa Y. Al-Ahmad	Modular LED arrays for large area solar simulation	Progress in Photovoltaics: Research and Applications, 27, 2, 179-189, 2018
13	Sultan, H.A	Far-field diffraction patterns and optical limiting properties of bisdemethoxycurcumin solution under CW laser illumination	Optical Materials, 85, 500-509, 2018
14	Sultan, H.A	Thermal-induced nonlinearities in rose, linseed, and chamomile oils using continuous wave visible laser beam	Canadian Journal of Physic, 96, 2, 157-164, 2018
15	Badran, H.A.	Synthesis, surface profile, nonlinear reflective index and photophysical properties of curcumin compound	Journal of Materials Science: Materials in Electronics, 29, 13, 10890 3, 2018
16	Qusay M. A.	Thermal nonlinearities for three curcuminoids measured by diffraction ring patterns and Z-scan under visible CW laser illumination	Optics and Laser Technology 107, 131, 2018
17	Qusay M. A.	Linear, nonlinear and optical limiting properties of carbon black in epoxy resin	Optik, 2018
18	Hassan, Q.M.A.	Study of nonlinear optical properties and optical limiting of acid green 5 in solution and solid film	Optics and Laser Technology, 106, 366, 2018
19	Hassan, Q.M.A.	Linear, nonlinear and optical limiting properties of carbon black in epoxy resin	Optik 160, 100, 2018
20	Hassan, Q.M.A.	Investigating the nonlinear behavior of cobalt (II) phthalocyanine using visible CW laser beam	Optik 157, 540, 2018
21	M.F. Al-Mudhaffer	The origin of performance limitations in miniemulsion nanoparticulate organic photovoltaic devices	Solar Energy Materials and Solar Cells, 2018

22	Th. S. Dhahi	Semiconductor nanowires biosensors for highly selective and multiplexed detection of biomolecules	Journal of Telecommunication, Electronic and Computer Engineering,10,2, 2018
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26	M. J. Majid	Modification of electronic properties of graphene under three patterns of elastic deformation	Indian Journal of Physics,92,2,159, 2018
27	Jabbar M. khalaf	Half-metallicity of (0 0 1), (1 1 0) and (1 1 1) surfaces of zinc-blende MnBi and their interfaces with HgTe: A first-principle investigation	Journal of Magnetism and Magnetic Materials,446,15,221, 2018
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		Concentrations	science,5(12) 2018
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36	Th. S. Dhahi	Formation of ultra Si/Ti nano thin film for enhancing silicon solar cell efficiency	Journal of Physics: Conference Series,908,12040, 2017
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41	Th. S. Dhahi	Synthesis of zinc oxide thin films prepared by sol-gel for specific bioactivity	AIP Conference Proceedings1885,20211, 2017
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