

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

241  
papers

5,600  
citations

35  
h-index

66  
g-index

263  
ext. papers

6,800  
ext. citations

4.2  
avg, IF

6.3  
L-index

#	Paper	IF	Citations
241	Silver nanoparticle applications and human health. <i>Clinica Chimica Acta</i> , <b>2010</b> , 411, 1841-8	6.2	914
240	Oxidative stress mediated apoptosis induced by nickel ferrite nanoparticles in cultured A549 cells. <i>Toxicology</i> , <b>2011</b> , 283, 101-8	4.4	244
239	Recent advances in conjugated polymers for light emitting devices. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 2036-54	6.3	199
238	ZnO nanorod-induced apoptosis in human alveolar adenocarcinoma cells via p53, survivin and bax/bcl-2 pathways: role of oxidative stress. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2011</b> , 7, 904-13	6	184
237	Structural and thermal studies of silver nanoparticles and electrical transport study of their thin films. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 434	5	179
236	Green synthesis, characterization and evaluation of biocompatibility of silver nanoparticles. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2011</b> , 43, 1266-1271	3	106
235	Enhancement of polycrystalline silicon solar cells using ultrathin films of silicon nanoparticle. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 063107	3.4	101
234	Multipurpose effectiveness of Couroupita guianensis-synthesized gold nanoparticles: high antiplasmodial potential, field efficacy against malaria vectors and synergy with Aplocheilus lineatus predators. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 7543-58	5.1	92
233	Eco-friendly green synthesis of silver nanoparticles from the sesame oil cake and its potential anticancer and antimicrobial activities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2019</b> , 192, 83-89	6.7	84
232	Dual-ion batteries: The emerging alternative rechargeable batteries. <i>Energy Storage Materials</i> , <b>2020</b> , 25, 1-32	19.4	83
231	Green synthesis of silver nanoparticles using seeds: antimicrobial activity and cytotoxicity on human neonatal skin stromal cells and colon cancer cells. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 4439-4449	7.3	82
230	Hydrothermal Growth of Vertically Aligned ZnO Nanorods Using a Biocomposite Seed Layer of ZnO Nanoparticles. <i>Materials</i> , <b>2013</b> , 6, 3584-3597	3.5	81
229	Hydrothermal synthesis of titanium dioxide nanoparticles: mosquitocidal potential and anticancer activity on human breast cancer cells (MCF-7). <i>Parasitology Research</i> , <b>2016</b> , 115, 1085-96	2.4	78
228	Antimicrobial and Cytotoxicity Effects of Synthesized Silver Nanoparticles from Punica granatum Peel Extract. <i>Nanoscale Research Letters</i> , <b>2018</b> , 13, 315	5	71
227	Fighting arboviral diseases: low toxicity on mammalian cells, dengue growth inhibition (in vitro), and mosquitocidal activity of Centroceras clavulatum-synthesized silver nanoparticles. <i>Parasitology Research</i> , <b>2016</b> , 115, 651-62	2.4	70
226	Structural engineering of hydrated vanadium oxide cathode by K <sup>+</sup> incorporation for high-capacity and long-cycling aqueous zinc ion batteries. <i>Energy Storage Materials</i> , <b>2020</b> , 29, 9-16	19.4	63
225	In vivo and in vitro effectiveness of Azadirachta indica-synthesized silver nanocrystals against Plasmodium berghei and Plasmodium falciparum, and their potential against malaria mosquitoes. <i>Research in Veterinary Science</i> , <b>2016</b> , 106, 14-22	2.5	60

224	Microwave-assisted synthesis of silver nanoparticles using poly-N-isopropylacrylamide/acrylic acid microgel particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 377, 356-360	5.1	60
223	Sequential electrochemical oxidation and bio-treatment of the azo dye congo red and textile effluent. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2019</b> , 200, 111655	6.7	58
222	Antimicrobial and catalytic activities of biosynthesized gold, silver and palladium nanoparticles from <i>Solanum nigurum</i> leaves. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2020</b> , 202, 111713	6.7	55
221	Characterization and mosquitocidal potential of neem cake-synthesized silver nanoparticles: genotoxicity and impact on predation efficiency of mosquito natural enemies. <i>Parasitology Research</i> , <b>2016</b> , 115, 1015-25	2.4	54
220	Green fabrication, characterization and antibacterial potential of zinc oxide nanoparticles using <i>Aloe socotrina</i> leaf extract: A novel drug delivery approach. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 55, 101465	4.5	51
219	DNA barcoding and molecular evolution of mosquito vectors of medical and veterinary importance. <i>Parasitology Research</i> , <b>2016</b> , 115, 107-21	2.4	50
218	Influences of Co doping on the structural and optical properties of ZnO nanostructured. <i>Applied Physics A: Materials Science and Processing</i> , <b>2010</b> , 100, 45-51	2.6	49
217	Metal-enhanced fluorescence of mixed coumarin dyes by silver and gold nanoparticles: Towards plasmonic thin-film luminescent solar concentrator. <i>Journal of Luminescence</i> , <b>2013</b> , 143, 43-49	3.8	48
216	Synthesis by in situ chemical oxidative polymerization and characterization of polyaniline/iron oxide nanoparticle composite. <i>Polymer International</i> , <b>2010</b> , 59, 1690-1694	3.3	48
215	Biosynthesis, characterization, and acute toxicity of <i>Berberis tinctoria</i> -fabricated silver nanoparticles against the Asian tiger mosquito, <i>Aedes albopictus</i> , and the mosquito predators <i>Toxorhynchites splendens</i> and <i>Mesocyclops thermocyclopoides</i> . <i>Parasitology Research</i> , <b>2016</b> , 115, 751-9	2.4	47
214	Cancer diagnosis by autofluorescence of blood components*1. <i>Journal of Luminescence</i> , <b>2004</b> , 109, 143-154	3.54	47
213	3D nanorhombus nickel nitride as stable and cost-effective counter electrodes for dye-sensitized solar cells and supercapacitor applications.. <i>RSC Advances</i> , <b>2018</b> , 8, 8828-8835	3.7	44
212	Effect of Urea on the Morphology of Co <sub>3</sub> O <sub>4</sub> Nanostructures and Their Application for Potentiometric Glucose Biosensor. <i>Electroanalysis</i> , <b>2014</b> , 26, 1773-1781	3	43
211	Analysis of the combined effect of lasers of different wavelengths for PDT outcome using 600, 630, and 660 nm. <i>Laser Physics Letters</i> , <b>2011</b> , 8, 386-392	1.5	43
210	Prospects of nanotechnology in clinical immunodiagnosics. <i>Sensors</i> , <b>2010</b> , 10, 6535-81	3.8	43
209	Synthesis of silver nanoparticles using plant derived 4-N-methyl benzoic acid and evaluation of antimicrobial, antioxidant and antitumor activity. <i>Saudi Journal of Biological Sciences</i> , <b>2019</b> , 26, 970-978	4	41
208	Rapid Biological Synthesis of Silver Nanoparticles Using Plant Seed Extracts and Their Cytotoxicity on Colorectal Cancer Cell Lines. <i>Journal of Cluster Science</i> , <b>2017</b> , 28, 595-605	3	39
207	Potentiometric glucose sensor based on the glucose oxidase immobilized iron ferrite magnetic particle/chitosan composite modified gold coated glass electrode. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 173, 698-703	8.5	38

206	Structural and spectroscopic studies of thin film of silver nanoparticles. <i>Applied Surface Science</i> , <b>2011</b> , 257, 10607-10612	6.7	35
205	Tailoring Energy and Power Density through Controlling the Concentration of Oxygen Vacancies in VO/PEDOT Nanocable-Based Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 16647-16655	9.5	34
204	Carbon and silver nanoparticles in the fight against the filariasis vector <i>Culex quinquefasciatus</i> : genotoxicity and impact on behavioral traits of non-target aquatic organisms. <i>Parasitology Research</i> , <b>2016</b> , 115, 1071-83	2.4	33
203	Fluorescence spectra of blood and urine for cervical cancer detection. <i>Journal of Biomedical Optics</i> , <b>2012</b> , 17, 98001-1	3.5	33
202	Optical and structural properties of CsPbBr perovskite quantum dots/PFO polymer composite thin films. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 563, 426-434	9.3	33
201	Magnetic nanoparticles are highly toxic to chloroquine-resistant <i>Plasmodium falciparum</i> , dengue virus (DEN-2), and their mosquito vectors. <i>Parasitology Research</i> , <b>2017</b> , 116, 495-502	2.4	32
200	Designing of PVA/Rose Bengal long-pass optical window applications. <i>Results in Physics</i> , <b>2017</b> , 7, 1238-1244	3.7	31
199	Fabrication of nano-mosquitocides using chitosan from crab shells: Impact on non-target organisms in the aquatic environment. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 132, 318-28	7	31
198	Double layered plasmonic thin-film luminescent solar concentrators based on polycarbonate supports. <i>Renewable Energy</i> , <b>2014</b> , 63, 642-649	8.1	31
197	Fabrication of Well-Aligned ZnO Nanorods Using a Composite Seed Layer of ZnO Nanoparticles and Chitosan Polymer. <i>Materials</i> , <b>2013</b> , 6, 4361-4374	3.5	31
196	Essential oils of two medicinal plants and protective properties of jack fruits against the spoilage bacteria and fungi. <i>Industrial Crops and Products</i> , <b>2020</b> , 147, 112239	5.9	30
195	Ureolytic bacteria mediated synthesis of hairy ZnO nanostructure as photocatalyst for decolorization of dyes. <i>Materials Chemistry and Physics</i> , <b>2020</b> , 243, 122619	4.4	30
194	Cytotoxic and Antimicrobial Efficacy of Silver Nanoparticles Synthesized Using a Traditional Phytoproduct, Asafoetida Gum. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 4351-4362	7.3	28
193	Chitosan overlaid FeO/rGO nanocomposite for targeted drug delivery, imaging, and biomedical applications. <i>Scientific Reports</i> , <b>2020</b> , 10, 18912	4.9	26
192	Elemental analysis of fertilizer using laser induced breakdown spectroscopy. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , <b>2012</b> , 112, 874-880	0.7	26
191	Green Synthesis of Silver Nanoparticles Using the Flower Extract of for Cytotoxicity and Antimicrobial Studies. <i>International Journal of Nanomedicine</i> , <b>2021</b> , 16, 3343-3356	7.3	26
190	High toxicity of camphene and Elemene from <i>Wedelia prostrata</i> essential oil against larvae of <i>Spodoptera litura</i> (Lepidoptera: Noctuidae). <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 10383-10391	5.1	25
189	Enhanced Reversible Zinc Ion Intercalation in Deficient Ammonium Vanadate for High-Performance Aqueous Zinc-Ion Battery. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 116	19.5	25

188	Microwave-Assisted Synthesis of Nickel Oxide Nanoparticles Using Coriandrum sativum Leaf Extract and Their Structural-Magnetic Catalytic Properties. <i>Materials</i> , <b>2017</b> , 10,	3.5	24
187	Optical and electrical properties of electrochemically deposited polyaniline/CeO <sub>2</sub> hybrid nanocomposite film. <i>Journal of Semiconductors</i> , <b>2011</b> , 32, 043001	2.3	24
186	Biogenesis of selenium nanoparticles and their anti-leukemia activity. <i>Journal of King Saud University - Science</i> , <b>2020</b> , 32, 2520-2526	3.6	24
185	A straightforward synthesis of visible light driven BiFeO <sub>3</sub> /AgVO nanocomposites with improved photocatalytic activity. <i>Environmental Pollution</i> , <b>2021</b> , 269, 116067	9.3	24
184	Chitosan-fabricated Ag nanoparticles and larvivorous fishes: a novel route to control the coastal malaria vector Anopheles sudaicus?. <i>Hydrobiologia</i> , <b>2017</b> , 797, 335-350	2.4	23
183	Optoelectronic property enhancement of conjugated polymer in poly(9,9'-di-n-octylfluorenyl-2,7-diyl)/titania nanocomposites. <i>Thin Solid Films</i> , <b>2012</b> , 524, 257-262	2.2	22
182	Laser properties of a conjugate polymer (MEH-PPV) in the liquid-excimeric state. <i>Laser Physics</i> , <b>2007</b> , 17, 1367-1373	1.2	22
181	Photo-catalytic Killing of HeLa Cancer Cells Using Facile Synthesized Pure and Ag Loaded WO Nanoparticles. <i>Scientific Reports</i> , <b>2018</b> , 8, 15224	4.9	22
180	Laser from the dimer state of a conjugated polymer (PFO) in solution. <i>Polymer</i> , <b>2014</b> , 55, 727-732	3.9	21
179	Biosurfactant mediated bioelectrokinetic remediation of diesel contaminated environment. <i>Chemosphere</i> , <b>2021</b> , 264, 128377	8.4	21
178	Evidence for amplified spontaneous emission from double excimer of conjugated polymer (PDHF) in a liquid solution. <i>Polymer</i> , <b>2013</b> , 54, 2401-2405	3.9	20
177	One pot synthesis of silver nanocrystals using the seaweed Gracilaria edulis: biophysical characterization and potential against the filariasis vector Culex quinquefasciatus and the midge Chironomus circumdatus. <i>Journal of Applied Phycology</i> , <b>2017</b> , 29, 649-659	3.2	20
176	Bio-electrokinetic remediation of crude oil contaminated soil enhanced by bacterial biosurfactant. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 405, 124061	12.8	20
175	Amplified spontaneous emission spectra from the superexciplex of coumarin 138. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 97, 1145-51	4.4	19
174	Potentiometric urea biosensor utilizing nanobiocomposite of chitosan-iron oxide magnetic nanoparticles. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 414, 012024	0.3	19
173	Smoking Induced Hemolysis: Spectral and microscopic investigations. <i>Scientific Reports</i> , <b>2016</b> , 6, 21095	4.9	18
172	Giant Self-Kerr Nonlinearity in the Metal Nanoparticles-Graphene Nanodisks-Quantum Dots Hybrid Systems Under Low-Intensity Light Irradiance. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	18
171	Förster-type energy transfer mechanism in PF2/6 to MEH-PPV conjugated polymers. <i>Journal of Luminescence</i> , <b>2012</b> , 132, 386-390	3.8	18

170	Enhanced Optoelectronic Properties of PFO/Fluorol 7GA Hybrid Light Emitting Diodes via Additions of TiO <sub>2</sub> Nanoparticles. <i>Polymers</i> , <b>2016</b> , 8,	4.5	18
169	Spectral Properties of PMMA Films Doped by Perylene Dyes for Photosensitive Greenhouse Cladding Applications. <i>Polymers</i> , <b>2019</b> , 11,	4.5	17
168	Crystallite structural, electrical and luminescent characteristics of thin films of In <sub>2</sub> O <sub>3</sub> nanocubes synthesized by spray pyrolysis. <i>Electronic Materials Letters</i> , <b>2013</b> , 9, 53-57	2.9	17
167	Role of ALA sensitivity in HepG2 cell in the presence of diode laser. <i>Laser Physics</i> , <b>2011</b> , 21, 972-980	1.2	17
166	Synthesis of NiO nanoparticles and their evaluation for photodynamic therapy against HeLa cancer cells. <i>Journal of King Saud University - Science</i> , <b>2020</b> , 32, 1395-1402	3.6	17
165	Synthesis and Study of the Effect of Ba Cations Substitution with Sr Cations on Structural and Optical Properties of BaSrZnWO <sub>6</sub> Double Perovskite Oxides (x = 0.00, 0.25, 0.50, 0.75, 1.00). <i>Materials</i> , <b>2017</b> , 10,	3.5	16
164	Detection of lead in paint samples synthesized locally using laser-induced breakdown spectroscopy. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2011</b> , 46, 42-9	2.3	16
163	Impact and Role of Bacterial Communities on Biocorrosion of Metals Used in the Processing Industry. <i>ACS Omega</i> , <b>2019</b> , 4, 21353-21360	3.9	16
162	Fabrication of novel AgVO/BiOI nanocomposite photocatalyst with photoelectrochemical activity towards the degradation of Rhodamine B under visible light irradiation. <i>Environmental Research</i> , <b>2021</b> , 200, 111365	7.9	16
161	Influence of functional groups on the photophysical properties of dimethylamino chalcones as laser dyes. <i>Optical Materials</i> , <b>2018</b> , 76, 216-221	3.3	15
160	Influence of Pb doping on the structural, optical and electrical properties of nanocomposite SeTe thin films. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 503, 397-401	5.7	15
159	Excimer state of a conjugate polymer (MEH-PPV) in liquid solutions. <i>Laser Physics</i> , <b>2007</b> , 17, 1361-1366	1.2	15
158	Predictive capability evaluation and optimization of Pb(II) removal by reduced graphene oxide-based inverse spinel nickel ferrite nanocomposite. <i>Environmental Research</i> , <b>2022</b> , 204, 112029	7.9	15
157	Genetic deviation in geographically close populations of the dengue vector <i>Aedes aegypti</i> (Diptera: Culicidae): influence of environmental barriers in South India. <i>Parasitology Research</i> , <b>2016</b> , 115, 1149-60	2.4	14
156	Photoluminescence spectra of CdSe/ZnS quantum dots in solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 121, 339-45	4.4	14
155	Structural and electrical properties of spray deposited thin films of CuInS <sub>2</sub> nanocrystals. <i>Materials Letters</i> , <b>2012</b> , 68, 497-500	3.3	14
154	Inhibition of dark quenching by TiO <sub>2</sub> nanoparticles content in novel PFO/Fluorol 7GA hybrid: A new role to improve OLED performance. <i>Chemical Physics Letters</i> , <b>2013</b> , 570, 109-112	2.5	14
153	The Synthesis of NiO/TiO <sub>2</sub> Heterostructures and Their Valence Band Offset Determination. <i>Journal of Nanomaterials</i> , <b>2014</b> , 2014, 1-6	3.2	14

152	Metagenomic analysis of microbial community and its role in bioelectrokinetic remediation of tannery contaminated soil. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 412, 125133	12.8	14
151	Environmental friendly synthesis of carbon nanoplates supported ZnO nanorods for enhanced degradation of dyes and organic pollutants with visible light driven photocatalytic performance. <i>Journal of King Saud University - Science</i> , <b>2020</b> , 32, 1081-1087	3.6	14
150	Biological mediated synthesis of RGO-ZnO composites with enhanced photocatalytic and antibacterial activity. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 409, 124661	12.8	14
149	Dependence of Catalytic Activity of Nanocrystalline Nickel Ferrite on Its Structural, Morphological, Optical, and Magnetic Properties in Aerobic Oxidation of Benzyl Alcohol. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2018</b> , 31, 1219-1225	1.5	14
148	Long-range dipole-dipole energy transfer enhancement via addition of SiO <sub>2</sub> /TiO <sub>2</sub> nanocomposite in PFO/MEH-PPV hybrid thin films. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47845	2.9	13
147	Optimal design for extending the lifetime of thin film luminescent solar concentrators. <i>Optik</i> , <b>2014</b> , 125, 5268-5272	2.5	13
146	Mangrove Helps: <i>Sonneratia alba</i> -Synthesized Silver Nanoparticles Magnify Guppy Fish Predation Against <i>Aedes aegypti</i> Young Instars and Down-Regulate the Expression of Envelope (E) Gene in Dengue Virus (Serotype DEN-2). <i>Journal of Cluster Science</i> , <b>2017</b> , 28, 437-461	3	13
145	Silicon nanoparticle-ZnS nanophosphors for ultraviolet-based white light emitting diode. <i>Journal of Applied Physics</i> , <b>2012</b> , 112, 074313	2.5	13
144	Thin-Film LSCs Based on PMMA Nanohybrid Coatings: Device Optimization and Outdoor Performance. <i>International Journal of Photoenergy</i> , <b>2013</b> , 2013, 1-10	2.1	13
143	Evidence for the Double Excimer State of conjugated polymer in a liquid solution. <i>Journal of the European Optical Society-Rapid Publications</i> , <b>2013</b> , 8,	2.5	13
142	Role of sensitivity of zinc oxide nanorods (ZnO-NRs) based photosensitizers in hepatocellular site of biological tissue. <i>Laser Physics</i> , <b>2011</b> , 21, 1950-1961	1.2	13
141	Diagnosis of liver cancer and cirrhosis by the fluorescence spectra of blood and urine. <i>Technology in Cancer Research and Treatment</i> , <b>2012</b> , 11, 345-51	2.7	13
140	Antimicrobial and anticancer properties of <i>Carica papaya</i> leaves derived di-methyl flubendazole mediated silver nanoparticles. <i>Journal of Infection and Public Health</i> , <b>2021</b> , 14, 577-587	7.4	13
139	A study for the detection of kidney cancer using fluorescence emission spectra and synchronous fluorescence excitation spectra of blood and urine. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2018</b> , 23, 40-44	3.5	13
138	Influence of Zn <sup>2+</sup> and Ni <sup>2+</sup> cations on the structural and optical properties of Ba <sub>2</sub> Zn <sub>1-x</sub> Ni <sub>x</sub> WO <sub>6</sub> (0 ≤ x ≤ 1) tungsten double perovskites. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 701, 797-805	5.7	12
137	<i>Bacillus megaterium</i> -induced biocorrosion on mild steel and the effect of <i>Artemisia pallens</i> methanolic extract as a natural corrosion inhibitor. <i>Archives of Microbiology</i> , <b>2020</b> , 202, 2311-2323		12
136	Curcumin-encased hydroxyapatite nanoparticles as novel biomaterials for antimicrobial, antioxidant and anticancer applications: A perspective of nano-based drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 57, 101752	4.5	12
135	Preparation of magnetic polyacrylonitrile core-shell nanospheres by the miniemulsion polymerization method. <i>Materials Letters</i> , <b>2012</b> , 76, 141-143	3.3	12

134	Photodynamic damage study of HeLa cell line using ALA. <i>Laser Physics</i> , <b>2011</b> , 21, 733-739	1.2	12
133	External energy transfer in amplified spontaneous emissions from MEH-PPV conjugated polymer. <i>Optics and Laser Technology</i> , <b>2011</b> , 43, 147-151	4.2	12
132	Bioreduction of hexavalent chromium by chromium resistant alkalophilic bacteria isolated from tannery effluent. <i>Journal of King Saud University - Science</i> , <b>2020</b> , 32, 1969-1977	3.6	11
131	Synthesis and characteristics of spray deposited CuInS <sub>2</sub> nanocrystals thin films for photovoltaic applications. <i>Materials Research Bulletin</i> , <b>2013</b> , 48, 4277-4282	5.1	11
130	Triple amplified spontaneous emissions from a conjugated copolymer BEHP-co-MEH-PPV in solution. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2013</b> , 53, 66-71	3	11
129	Structural, Magnetic, Optical, and Catalytic Properties of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles by the Sol-Gel Method. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2016</b> , 29, 2053-2058	1.5	11
128	Evaluation of the anticancer potential of Hexadecanoic acid from brown algae <i>Turbinaria ornata</i> on HT <sub>29</sub> colon cancer cells. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1235, 130229	3.4	11
127	Diagnosis of thalassemia using fluorescence spectroscopy, auto-analyzer, and hemoglobin electrophoresis - A prospective study. <i>Journal of Infection and Public Health</i> , <b>2019</b> , 12, 585-590	7.4	10
126	Photovoltaic and capacitance measurements of solar cells comprise of Al-doped CdS (QD) and hierarchical flower-like TiO <sub>2</sub> nanostructured electrode. <i>Results in Physics</i> , <b>2020</b> , 16, 102827	3.7	10
125	Design of Rose Bengal/FTO optical thin film system as a novel nonlinear media for infrared blocking windows. <i>Results in Physics</i> , <b>2017</b> , 7, 1852-1858	3.7	9
124	Study on photocatalytic and impedance spectroscopy investigations of composite CuO/ZnO nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 13708-13718	2.1	9
123	Ultrafast dynamics of laser from green conjugated-oligomer in solution. <i>Polymer</i> , <b>2019</b> , 169, 106-114	3.9	9
122	Fabrication of Cost-Effective Dye-Sensitized Solar Cells Using Sheet-Like CoS <sub>2</sub> Films and Phthaloylchitosan-Based Gel-Polymer Electrolyte. <i>Energies</i> , <b>2018</b> , 11, 281	3.1	9
121	A Temperature-Tunable Thiophene Polymer Laser. <i>Polymers</i> , <b>2018</b> , 10,	4.5	9
120	Cervical cancer detection by time-resolved spectra of blood components. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 057011	3.5	9
119	Detection of cancer by optical analysis of body fluids--a single blind study. <i>Technology in Cancer Research and Treatment</i> , <b>2011</b> , 10, 145-52	2.7	9
118	Phytochemical evaluation and anticancer activity of rambutan ( fruit endocarp extracts against human hepatocellular carcinoma (HepG-2) cells. <i>Saudi Journal of Biological Sciences</i> , <b>2021</b> , 28, 1816-1825 <sup>4</sup>		9
117	Optically Pumped Intensive Light Amplification From a Blue Oligomer. <i>Polymers</i> , <b>2019</b> , 11,	4.5	8



116	High power amplified spontaneous emission from an oligomer in solution. <i>Journal of Luminescence</i> , <b>2015</b> , 168, 109-113	3.8	8
115	N-doped carbon embedded Ni <sub>3</sub> S <sub>2</sub> electrocatalyst material towards efficient hydrogen evolution reaction in broad pH range. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 603, 125194	5.1	8
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