

Muhammad Atif

List of Publications by Year in descending order

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159
papers

3,199
citations

172386

29
h-index

214721

47
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172
all docs

172
docs citations

172
times ranked

3303
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on the magnetic, magnetostrictive and electrical properties of sol-gel synthesized Zn doped nickel ferrite. Journal of Alloys and Compounds, 2011, 509, 5720-5724.	2.8	163
2	Enhanced Reversible Zinc Ion Intercalation in Deficient Ammonium Vanadate for High-Performance Aqueous Zinc-Ion Battery. Nano-Micro Letters, 2021, 13, 116.	14.4	111
3	Investigation on the structural, dielectric and impedance analysis of manganese substituted cobalt ferrite i.e., $\text{Co}_{1-x}\text{Mn}_x\text{Fe}_2\text{O}_4$ (0.0 ≤ x ≤ 0.4). RSC Advances, 2016, 6, 20876-20885.	1.7	97
4	Hydrothermal Growth of Vertically Aligned ZnO Nanorods Using a Biocomposite Seed Layer of ZnO Nanoparticles. Materials, 2013, 6, 3584-3597.	1.3	93
5	Antimicrobial and catalytic activities of biosynthesized gold, silver and palladium nanoparticles from Solanum nigrum leaves. Journal of Photochemistry and Photobiology B: Biology, 2020, 202, 111713.	1.7	92
6	Sodium vanadate/PEDOT nanocables rich with oxygen vacancies for high energy conversion efficiency zinc ion batteries. Energy Storage Materials, 2021, 40, 209-218.	9.5	86
7	Nanoantibiotics Future nanotechnologies to combat antibiotic resistance. Frontiers in Bioscience - Elite, 2018, 10, 352-374.	0.9	80
8	Study of the efficacy of 5-ALA mediated photodynamic therapy on human rhabdomyosarcoma cell line (RD). Laser Physics Letters, 2010, 7, 757-764.	0.6	72
9	Synthesis and investigation of structural, magnetic and dielectric properties of zinc substituted cobalt ferrites. Journal of Physics and Chemistry of Solids, 2018, 123, 36-42.	1.9	68
10	Interplay between the cation distribution and production methods in cobalt ferrite. Materials Chemistry and Physics, 2012, 132, 832-838.	2.0	67
11	<i>In vitro</i> study of 5-aminolevulinic acid-based photodynamic therapy for apoptosis in human cervical HeLa cell line. Laser Physics Letters, 2009, 6, 886-891.	0.6	65
12	Tailoring Energy and Power Density through Controlling the Concentration of Oxygen Vacancies in V_2O_5 /PEDOT Nanocable-Based Supercapacitors. ACS Applied Materials & Interfaces, 2019, 11, 16647-16655.	4.0	57
13	Effect of Mn substitution on the cation distribution and temperature dependence of magnetic anisotropy constant in $\text{Co}_{1-x}\text{Mn}_x\text{Fe}_2\text{O}_4$ (0.0 ≤ x ≤ 0.4) ferrites. Ceramics International, 2014, 40, 471-478.	2.3	56
14	Influence of manganese substitution on the microstructure and magnetostrictive properties of $\text{Co}_{1-x}\text{Mn}_x\text{Fe}_2\text{O}_4$ (0.0 ≤ x ≤ 0.4) ferrite. Journal of Applied Physics, 2013, 113, 153902.	1.1	55
15	Application of silver oxide nanoparticles for the treatment of cancer. Journal of Molecular Structure, 2019, 1189, 203-209.	1.8	55
16	Femtosecond light distribution at skin and liver of rats: analysis for use in optical diagnostics. Laser Physics Letters, 2010, 7, 889-898.	0.6	50
17	Fluorescence spectra of blood and urine for cervical cancer detection. Journal of Biomedical Optics, 2012, 17, 0980011.	1.4	49
18	Potentiometric glucose sensor based on the glucose oxidase immobilized iron ferrite magnetic particle/chitosan composite modified gold coated glass electrode. Sensors and Actuators B: Chemical, 2012, 173, 698-703.	4.0	49

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19	Analysis of the combined effect of lasers of different wavelengths for PDT outcome using 600, 630, and 660 nm. <i>Laser Physics Letters</i> , 2011, 8, 386-392.	0.6	47
20	Essential oils of two medicinal plants and protective properties of jack fruits against the spoilage bacteria and fungi. <i>Industrial Crops and Products</i> , 2020, 147, 112239.	2.5	46
21	Fabrication of Well-Aligned ZnO Nanorods Using a Composite Seed Layer of ZnO Nanoparticles and Chitosan Polymer. <i>Materials</i> , 2013, 6, 4361-4374.	1.3	45
22	Manganese-Doped Cerium Oxide Nanocomposite Induced Photodynamic Therapy in MCF-7 Cancer Cells and Antibacterial Activity. <i>BioMed Research International</i> , 2019, 2019, 1-13.	0.9	45
23	Green synthesis of RGO-ZnO mediated <i>Ocimum basilicum</i> leaves extract nanocomposite for antioxidant, antibacterial, antidiabetic and photocatalytic activity. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101438.	2.4	44
24	Green Synthesis of CeO ₂ Nanoparticles from the <i>Abelmoschus esculentus</i> Extract: Evaluation of Antioxidant, Anticancer, Antibacterial, and Wound-Healing Activities. <i>Molecules</i> , 2021, 26, 4659.	1.7	43
25	Sol-gel synthesis of nanocrystalline Zn _{1-x} Ni _x Fe ₂ O ₄ ceramics and its structural, magnetic and dielectric properties. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 615-626.	1.1	42
26	Potentiometric urea biosensor utilizing nanobiocomposite of chitosan-iron oxide magnetic nanoparticles. <i>Journal of Physics: Conference Series</i> , 2013, 414, 012024.	0.3	32
27	Two-photon excitation studies of m-THPC photosensitizer and photodynamic activity in an epithelial cell line. <i>Photodiagnosis and Photodynamic Therapy</i> , 2007, 4, 106-111.	1.3	29
28	Study of the efficacy of 5 ALA-mediated photodynamic therapy on human larynx squamous cell carcinoma (Hep2c) cell line. <i>Laser Physics</i> , 2010, 20, 1673-1678.	0.6	29
29	Elemental analysis of fertilizer using laser induced breakdown spectroscopy. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2012, 112, 874-880.	0.2	29
30	ZnO nanoparticles as drug delivery agent for photodynamic therapy. <i>Laser Physics Letters</i> , 2014, 11, 025601.	0.6	29
31	Tailoring of Au-TiO ₂ nanoparticles conjugated with doxorubicin for their synergistic response and photodynamic therapy applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 384, 112040.	2.0	28
32	Cytotoxic and photocytotoxic effect of Photofrin® on human laryngeal carcinoma (Hep2c) cell line. <i>Laser Physics</i> , 2011, 21, 1235-1242.	0.6	27
33	Interplay between the ferromagnetic and ferroelectric phases on the magnetic and impedance analysis of (x)Pb(Zr _{0.52} Ti _{0.48})O ₃ -(1-x)CoFe ₂ O ₄ composites. <i>Journal of Alloys and Compounds</i> , 2015, 623, 447-453.	2.8	27
34	Structural, morphological, antimicrobial, and in vitro photodynamic therapeutic assessments of novel Zn ²⁺ -substituted cobalt ferrite nanoparticles. <i>Results in Physics</i> , 2019, 15, 102529.	2.0	26
35	Synthesis of NiO nanoparticles and their evaluation for photodynamic therapy against HeLa cancer cells. <i>Journal of King Saud University - Science</i> , 2020, 32, 1395-1402.	1.6	26
36	Laser-induced effects in different biological samples. <i>Lasers in Medical Science</i> , 2010, 25, 545-550.	1.0	25

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37	Cobalt oxide magnetic nanoparticles-chitosan nanocomposite based electrochemical urea biosensor. Indian Journal of Physics, 2015, 89, 331-336.	0.9	24
38	Soliton Solutions of Mathematical Physics Models Using the Exponential Function Technique. Symmetry, 2020, 12, 176.	1.1	24
39	<p>Therapeutic Potential Assessment of Green Synthesized Zinc Oxide Nanoparticles Derived from Fennel Seeds Extract</p>. International Journal of Nanomedicine, 2020, Volume 15, 8045-8057.	3.3	23
40	An In Vitro Study of the Photodynamic Effectiveness of GO-Ag Nanocomposites against Human Breast Cancer Cells. Nanomaterials, 2017, 7, 401.	1.9	22
41	Optical properties of normal and thermally coagulated chicken liver tissue measured ex-vivo with diffuse reflectance. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 110, 313-319.	0.2	21
42	Sensitivity of A-549 human lung cancer cells to nanoporous zinc oxide conjugated with Photofrin. Lasers in Medical Science, 2012, 27, 607-614.	1.0	21
43	Photovoltaic and Impedance Spectroscopy Study of Screen-Printed TiO ₂ Based CdS Quantum Dot Sensitized Solar Cells. Materials, 2015, 8, 355-367.	1.3	21
44	Structural and optical properties of pure and Ag doped ZnO thin films obtained by sol gel spin coating technique. Materials Science-Poland, 2015, 33, 601-605.	0.4	21
45	900-keV Au ions implantation effect on the efficiency of dye sensitized solar cells. Results in Physics, 2019, 14, 102425.	2.0	21
46	Structural, Optical and Electrical Properties of Cu _{0.6} CoxZn _{0.4} -xFe ₂ O ₄ (x = 0.0, 0.1, 0.2, 0.3, 0.4) Soft Ferrites. Molecules, 2021, 26, 1399.	1.7	21
47	Study of the efficacy of photofrin-Mediated PDT on human hepatocellular carcinoma (HepG2) cell line. Laser Physics, 2011, 21, 1135-1144.	0.6	20
48	First Integral Technique for Finding Exact Solutions of Higher Dimensional Mathematical Physics Models. Symmetry, 2019, 11, 783.	1.1	20
49	Manganese-doped cerium oxide nanocomposite as a therapeutic agent for MCF-7 adenocarcinoma cell line. Saudi Journal of Biological Sciences, 2021, 28, 1233-1238.	1.8	20
50	Automated image classification of chest X-rays of COVID-19 using deep transfer learning. Results in Physics, 2021, 28, 104529.	2.0	20
51	Role of ALA sensitivity in HepG2 cell in the presence of diode laser. Laser Physics, 2011, 21, 972-980.	0.6	19
52	Growth and characterization of layer by layer CdS-ZnS QDs on dandelion like TiO ₂ microspheres for QDSSC application. Materials Science in Semiconductor Processing, 2015, 36, 57-64.	1.9	19
53	Respiratory Tract Viral Infections and Coinfections Identified by Anyplex II RV16 Detection Kit in Pediatric Patients at a Riyadh Tertiary Care Hospital. BioMed Research International, 2017, 2017, 1-10.	0.9	19
54	A study for the detection of kidney cancer using fluorescence emission spectra and synchronous fluorescence excitation spectra of blood and urine. Photodiagnosis and Photodynamic Therapy, 2018, 23, 40-44.	1.3	19

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55	The Photodynamic Effect of ZnO Nanorods and Their Ligands with Different Photosensitizers. <i>Reviews in Nanoscience and Nanotechnology</i> , 2012, 1, 40-51.	0.4	19
56	The potential applications of ZnO nanoparticles conjugated with ALA and photofrin as a biomarker in HepG2 cells. <i>Laser Physics</i> , 2011, 21, 2156-2164.	0.6	18
57	Interface controlling study of silicon based Schottky diode by organic layer. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 19239-19246.	1.1	18
58	Photodynamic therapy, facile synthesis, and effect of sintering temperature on the structure, morphology, optical properties, and anticancer activity of Co ₃ O ₄ nanocrystalline materials in the HepG2 cell line. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 386, 112130.	2.0	18
59	Super Hydrophilic Activated Carbon Decorated Nanopolymer Foam for Scalable, Energy Efficient Photothermal Steam Generation, as an Effective Desalination System. <i>Nanomaterials</i> , 2020, 10, 2510.	1.9	18
60	A novel mathematical model for COVID-19 with remedial strategies. <i>Results in Physics</i> , 2021, 27, 104248.	2.0	18
61	Enhancement in the magnetoelectric and energy storage properties of core-shell like $\text{CoFe}_2\text{BaTiO}_7$. <i>Journal of Alloys and Compounds</i> , 2021, 883, 160875.	2.8	18
62	Tumoricidal effects of nanomaterials in HeLa cell line. <i>Laser Physics</i> , 2011, 21, 1978-1988.	0.6	17
63	Phase change, band gap energy and electrical resistivity of Mg doped TiO ₂ multilayer thin films for dye sensitized solar cells applications. <i>Ceramics International</i> , 2019, 45, 21436-21439.	2.3	17
64	Photoelectrical characteristics of novel Ru(II) complexes based photodiode. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 5516-5525.	1.1	17
65	Synergistic effect of TEMPO-coated TiO ₂ nanorods for PDT applications in MCF-7 cell line model. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3199-3207.	1.8	17
66	Fluence-rate effects upon m-THPC photobleaching in a formalin-fixed cell system. <i>Photodiagnosis and Photodynamic Therapy</i> , 2004, 1, 173-180.	1.3	16
67	The influence of intracellular mTHPC concentration upon photobleaching dynamics. <i>Photodiagnosis and Photodynamic Therapy</i> , 2005, 2, 235-238.	1.3	16
68	Empirical Modeling of Zn/ZnO Nanoparticles Decorated/Conjugated with Fotonol (Chlorine e6) Based Photodynamic Therapy towards Liver Cancer Treatment. <i>Micromachines</i> , 2019, 10, 60.	1.4	16
69	Photovoltaic and capacitance measurements of solar cells comprise of Al-doped CdS (QD) and hierarchical flower-like TiO ₂ nanostructured electrode. <i>Results in Physics</i> , 2020, 16, 102827.	2.0	16
70	Lime peel extract induced NiFe ₂ O ₄ NPs: Synthesis to applications and oxidative stress mechanism for anticancer, antibiotic activity. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101422.	2.4	16
71	Labelling and optimization of PHOTOFRIN [®] with ^{99m} Tc. <i>Radiochimica Acta</i> , 2010, 98, 813-818.	0.5	15
72	Photodynamic therapy of non-melanoma skin cancers. <i>Laser Physics</i> , 2011, 21, 427-433.	0.6	15

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73	Polarimetric characterization of ultra-high molecular weight polyethylene (UHMWPE) for bone substitute biomaterials. <i>Optik</i> , 2011, 122, 99-104.	1.4	15
74	Co-ferrite “ A material with interesting magnetic properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014, 60, 012020.	0.3	15
75	In Vitro Cytotoxicity of Mesoporous SiO ₂ @Eu(OH) ₃ Core-Shell Nanospheres in MCF-7. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-6.	1.5	15
76	Mathematical modeling and experimental analysis of the efficacy of photodynamic therapy in conjunction with photo thermal therapy and PEG-coated Au-doped TiO ₂ nanostructures to target MCF-7 cancerous cells. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1226-1232.	1.8	15
77	Role of sensitivity of zinc oxide nanorods (ZnO-NRs) based photosensitizers in hepatocellular site of biological tissue. <i>Laser Physics</i> , 2011, 21, 1950-1961.	0.6	14
78	The role of sensitivity of ALA (PpIX)-based PDT on Human embryonic kidney cell line (HEK293T). <i>Laser Physics</i> , 2011, 21, 1428-1437.	0.6	13
79	Study of Bacterial Samples Using Laser Induced Breakdown Spectroscopy. <i>Plasma Science and Technology</i> , 2014, 16, 1141-1146.	0.7	13
80	A modified artificial neural network based prediction technique for tropospheric radio refractivity. <i>PLoS ONE</i> , 2018, 13, e0192069.	1.1	13
81	Effects of HeNe laser and argon laser irradiation on growth, germination, and physico-biochemical characteristics of wheat seeds (<i>Triticum aestivum</i> L.). <i>Laser Physics</i> , 2019, 29, 015602.	0.6	13
82	Gamma dose dependent structural, optical and current-voltage characteristics of CdS/p-Si heterojunction. <i>Materials Chemistry and Physics</i> , 2020, 240, 122243.	2.0	13
83	Assessment of green and chemically synthesized copper oxide nanoparticles against hepatocellular carcinoma. <i>Journal of King Saud University - Science</i> , 2021, 33, 101669.	1.6	13
84	Photodynamic damage study of HeLa cell line using ALA. <i>Laser Physics</i> , 2011, 21, 733-739.	0.6	12
85	Apoptotic effect of Fe ₂ O ₃ and SiO ₂ nanoparticles in human rhabdomyosarcoma cell line. <i>Laser Physics</i> , 2014, 24, 125602.	0.6	12
86	Effect of ZnO Nanoparticles Coating Layers on Top of ZnO Nanowires for Morphological, Optical, and Photovoltaic Properties of Dye-Sensitized Solar Cells. <i>Micromachines</i> , 2019, 10, 819.	1.4	11
87	$\text{PbZr}_{0.52}\text{Ti}_{0.48}\text{O}_3$	2.3	11
88	In vitro studies of Photofrin® mediated photodynamic therapy on human rhabdomyosarcoma cell line (RD). <i>Laser Physics</i> , 2012, 22, 286-293.	0.6	10
89	Optical biopsy of breast cancer tissue. <i>Laser Physics</i> , 2012, 22, 1358-1363.	0.6	9
90	Photovoltaic Characteristics of Solar Cells Based on Nanostructured Titanium Dioxide Sensitized with Fluorescein Sodium Salt. <i>Theoretical and Experimental Chemistry</i> , 2014, 50, 121-126.	0.2	9

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91	Assembly of CdS Quantum Dots onto Hierarchical TiO ₂ Structure for Quantum Dots Sensitized Solar Cell Applications. <i>Materials</i> , 2015, 8, 2376-2386.	1.3	9
92	Low Temperature Synthesis and Properties of BiFeO ₃ . <i>Journal of Electronic Materials</i> , 2017, 46, 4582-4589.	1.0	9
93	Synthesis and characterization of nanostructured photoanodes for dye sensitized solar cells. <i>Ceramics International</i> , 2019, 45, 20589-20592.	2.3	9
94	Experimental and theoretical analyses of nano-silver for antibacterial activity based on differential crystal growth temperatures. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7561-7566.	1.8	9
95	Antimicrobial activities of polyethylene glycol and citric acid coated graphene oxide-NPs synthesized via Hummer's method. <i>Arabian Journal of Chemistry</i> , 2022, 15, 104075.	2.3	9
96	Modeling of light propagation in turbid medium using Monte Carlo simulation technique. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2011, 111, 107-112.	0.2	8
97	Spectral features of the body fluids of patients with benign and malignant prostate tumours. <i>Laser Physics</i> , 2013, 23, 055602.	0.6	8
98	Magnetic, dielectric and magnetoelectric properties in (1-x)Pb(Zr _{0.52} Ti _{0.48})O ₃ +xCoFe ₂ O ₄ composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 7737-7744.	1.1	8
99	Photodynamic Effect of Ni Nanotubes on an HeLa Cell Line. <i>PLoS ONE</i> , 2016, 11, e0150295.	1.1	8
100	Spectroscopic features of PHOTOGEM® in human Rhabdomyosarcoma (RD) cellular model. <i>Journal of King Saud University - Science</i> , 2020, 32, 3131-3137.	1.6	8
101	Probing the role of hydrolytically stable, 3-aminopropyl triethoxysilane crosslinked chitosan/graphene oxide membrane towards Congo red dye adsorption. <i>Current Applied Physics</i> , 2022, 40, 110-118.	1.1	8
102	Antidiabetic and antioxidant potentials of <i>Abelmoschus esculentus</i> : In vitro combined with molecular docking approach. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101418.	2.4	8
103	Coherent V ₄ -rich V ₂ O ₅ /carbon aerogel nanocomposites for high performance supercapacitors. <i>Science China Materials</i> , 2022, 65, 1797-1804.	3.5	8
104	Fluorescence spectra of benign and malignant prostate tissues. <i>Laser Physics Letters</i> , 2012, 9, 631-635.	0.6	7
105	Well aligned ZnO nanorods growth on the gold coated glass substrate by aqueous chemical growth method using seed layer of Fe ₃ O ₄ and Co ₃ O ₄ nanoparticles. <i>Journal of Crystal Growth</i> , 2013, 368, 39-46.	0.7	7
106	Design, synthesis, in vitro and in silico studies of naproxen derivatives as dual lipooxygenase and β -glucosidase inhibitors. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101468.	2.4	6
107	Stokes vector determination of polarized light propagation in turbid medium. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2011, 110, 438-441.	0.2	5
108	Phototoxic effects of zinc oxide nanowires (ZnO NWs) complexed with 5-ALA in RD cell line. <i>Laser Physics</i> , 2011, 21, 2165-2170.	0.6	5

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109	Catheters for optical coherence tomography. Laser Physics Letters, 2011, , n/a-n/a.	0.6	5
110	A study of the photodynamic effect on cancerous cells. Laser Physics Letters, 2012, 9, 611-617.	0.6	5
111	Effects of 1064 nm laser on the structural and optical properties of nanostructured TiO ₂ thin film. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2014, 117, 386-391.	0.2	5
112	Synthesis and enhanced magnetoelectric properties of (1-x)Pb(Zr _{0.52} Ti _{0.48})O ₃ -(x)Co _{0.9} Mn _{0.1} Fe ₂ O ₄ composites. Ceramics International, 2019, 45, 4193-4200.	2.3	5
113	Detection of hemophilia by fluorescence spectroscopy: A photodiagnosis approach. Photodiagnosis and Photodynamic Therapy, 2020, 29, 101598.	1.3	5
114	Fluorescence photobleaching dynamics of meso tetra hydroxy phenyl chlorin (mTHPC). Laser Physics Letters, 2012, 9, 387-393.	0.6	4
115	Synthesis and study of structural, morphological, optical and toxicological properties of ferromagnetic cobalt oxide nanoparticles in liver carcinoma cell line. International Journal of Materials Research, 2019, 110, 481-483.	0.1	4
116	Photovoltaic and Impedance Spectroscopic Investigation of MEH-PPV Blended CdS Quantum Dot Sensitized Solar Cell. Journal of Nanoelectronics and Optoelectronics, 2014, 9, 702-708.	0.1	4
117	Photovoltaic and Impedance Spectroscopy of CdS Quantum Dots Onto Nano Urchin TiO ₂ Structure for Quantum Dots Sensitized Solar Cell Applications. Journal of Nanoelectronics and Optoelectronics, 2016, 11, 363-367.	0.1	4
118	Growth and characterization of ZnO nanowires for optical applications. Laser Physics, 2013, 23, 065602.	0.6	3
119	A study on the effects of photosensitizer concentration on singlet oxygen mediated photobleaching. Laser Physics, 2013, 23, 055603.	0.6	3
120	Structural changes in tin oxide thin film with laser exposure. Optics and Spectroscopy (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.2	3
121	Magnetic nanoparticles (Fe ₃ O ₄ & Co ₃ O ₄) and their applications in urea biosensing. Russian Journal of Applied Chemistry, 2016, 89, 517-534.	0.1	3
122	Preliminary study of spectral features of normal and malignant cell cultures. Laser Physics, 2016, 26, 045601.	0.6	3
123	An experimental and algorithm-based study of the spectral features of breast cancer patients by a photodiagnosis approach. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101851.	1.3	3
124	Fluorescence spectra of cultured normal and malignant lung cells. Laser Physics, 2012, 22, 1353-1357.	0.6	2
125	Photodynamic damage (PDD) study using stimulated raman scattering. Laser Physics, 2012, 22, 306-310.	0.6	2
126	Magnetic nanoparticles as a seed layer for growing ZnO nanowires for optical applications. Journal of Physics: Conference Series, 2013, 414, 012019.	0.3	2

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127	In Vitro Studies of Photosensitizer fluorescence changes on singlet oxygen mediated photobleaching. Journal of Physics: Conference Series, 2013, 414, 012025.	0.3	2
128	Qualitative analysis of dental nano-composite restorative material using laser induced breakdown spectroscopy and EDS analysis. , 2014, , .		2
129	Spectral characterization of breast cancer. , 2014, , .		2
130	Evaluation of laser Induced Breakdown Spectroscopy for analysis of annealed Aluminum Germanium alloy at different temperatures. IOP Conference Series: Materials Science and Engineering, 2018, 383, 012012.	0.3	2
131	Photovoltaic and Impedance Spectroscopic Analysis of CdSe Quantum Dot Solar Cell. Journal of Nanoelectronics and Optoelectronics, 2014, 9, 671-674.	0.1	2
132	Photodynamic Effect of NiO in HepG2 Cellular Model. Journal of Nanoelectronics and Optoelectronics, 2016, 11, 339-342.	0.1	2
133	Physical properties of PEG coated Y doped ZnO nanoparticles and their potential as high gamma dose thermoluminescence material. Journal of King Saud University - Science, 2022, 34, 101958.	1.6	2
134	Effects of Valence States of Working Cations on the Electrochemical Performance of Sodium Vanadate. ACS Applied Materials & Interfaces, 2022, 14, 19714-19724.	4.0	2
135	Hydrothermally synthesized lanthanide-incorporated multifunctional zirconia nanoparticles: Potential candidate for multimodal imaging. Journal of King Saud University - Science, 2022, , 102080.	1.6	2
136	Nanoparticles of thiolated chitosan for controlled delivery of moxifloxacin: In-vitro and in-vivo evaluation. Journal of King Saud University - Science, 2022, 34, 102218.	1.6	2
137	Study of the structural analysis of dye-silica core-shell nanoparticles (DSCSNPs). , 2012, , .		1
138	Two-photon cross-section measurement of meso-tetra-hydroxyphenyl-chlorin using femtosecond laser pulses. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 112, 763-766.	0.2	1
139	A parallelism between spectral grading and Gleason grading of malignant prostate tissues. Photodiagnosis and Photodynamic Therapy, 2013, 10, 168-172.	1.3	1
140	Photovoltaic and Impedance Properties of Hierarchical TiO ₂ Nanowire Based Quantum Dot Sensitized Solar Cell. Journal of Nanomaterials, 2015, 2015, 1-9.	1.5	1
141	Influence of Laser Exposure on the Physical Properties of Nano V2O5 Films Grown By Thermal Evaporation. Theoretical and Experimental Chemistry, 2016, 51, 375-379.	0.2	1
142	Study of the Compositional, Mechanical and Magnetic Properties of Saudi Meteorite. Advances in Science, Technology and Innovation, 2019, , 79-81.	0.2	1
143	Physical Characteristics of the Massive Meteorite of Saudi Empty Quarter. Advances in Science, Technology and Innovation, 2019, , 75-78.	0.2	1
144	Elemental composition and physical characteristics of the massive meteorite of the Saudi empty quarter. Journal of King Saud University - Science, 2021, 33, 101341.	1.6	1

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145	In Vitro Cytotoxicity of Magnetic Spinel Nanoferrites (CoMgFe ₂ O ₄) Against HepG2 Cells. Journal of Nanoelectronics and Optoelectronics, 2018, 13, 251-257.	0.1	1
146	Oxygen saturation and blood volume analysis by photoacoustic imaging to identify pre and post-PDT vascular changes. Saudi Journal of Biological Sciences, 2022, 29, 103304.	1.8	1
147	Fluence and photobleaching effects of mTHPC. , 2011, , .		0
148	Photodynamic damage in liver carcinoma HepG2 cells. , 2012, , .		0
149	Spectroscopic analysis of dye-silica core-shell nanoparticles (DSCSNPs). , 2012, , .		0
150	Optical properties of nano-structured Pt/FTO counter electrode for QDSSCs. , 2013, , .		0
151	Study of radiation induced variation in structural and optical properties of polyallyl diglycol carbonate Polymer. , 2014, , .		0
152	Study of the spectral features of different biological samples. Optics and Spectroscopy (English) Tj ETQq0 0 0 rgBT /Qverlock_10 Tf 50 4	0.2	0
153	Gamma irradiation dose dependent nano-structural, optical and impedance spectroscopy of PdS thin films. Journal of Materials Science: Materials in Electronics, 2019, 30, 17288-17294.	1.1	0
154	Pegylated Eu-enabled submicron alumina spheres as potential theranostics agent RD cell line as model. Saudi Journal of Biological Sciences, 2021, 28, 6063-6068.	1.8	0
155	Influence of Gamma Irradiation on the Structural and Optical Properties of Nanostructured Magnesium Doped SnO Thin Films. Journal of Nanoelectronics and Optoelectronics, 2014, 9, 644-647.	0.1	0
156	Synthesis of Nano Particles on Polyallyl Diglycol Carbonate Polymer Surface with Alpha Radiation. Journal of Nanoelectronics and Optoelectronics, 2016, 11, 24-28.	0.1	0
157	Effect of Laser Exposure on Structural and Optical Properties of CdO and Li Doped CdO Nano Structured Thin Film Synthesized by Sol Gel Method. Journal of Nanoelectronics and Optoelectronics, 2016, 11, 536-542.	0.1	0
158	Fluorescence-based techniques using plasma: A unique biomarker for different cancers. , 2022, , 137-145.		0
159	Investigation of structural, mechanical, magnetic properties and hysteresis modelling of dawasir meteorite. Journal of King Saud University - Science, 2022, 34, 101902.	1.6	0