

Muhammad Atif

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5915919/publications.pdf>

Version: 2024-02-01

159
papers

3,199
citations

172386

29
h-index

214721

47
g-index

172
all docs

172
docs citations

172
times ranked

3303
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Fluorescence-based techniques using plasma: A unique biomarker for different cancers. , 2022, , 137-145.		0
3	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
4	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
5	Investigation of structural, mechanical, magnetic properties and hysteresis modelling of dawasir meteorite. <i>Journal of King Saud University - Science</i> , 2022, 34, 101902.	1.6	0
6	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
7	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
8	Design, synthesis, in vitro and in silico studies of naproxen derivatives as dual lipoxygenase and β -glucosidase inhibitors. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101468.	2.4	6
9	Physical properties of PEG coated Y doped ZnO nanoparticles and their potential as high gamma dose thermoluminescence material. <i>Journal of King Saud University - Science</i> , 2022, 34, 101958.	1.6	2
10	Effects of Valence States of Working Cations on the Electrochemical Performance of Sodium Vanadate. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19714-19724.	4.0	2
11	Hydrothermally synthesized lanthanide-incorporated multifunctional zirconia nanoparticles: Potential candidate for multimodal imaging. <i>Journal of King Saud University - Science</i> , 2022, , 102080.	1.6	2
12	Oxygen saturation and blood volume analysis by photoacoustic imaging to identify pre and post-PDT vascular changes. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 103304.	1.8	1
13	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
14	Nanoparticles of thiolated chitosan for controlled delivery of moxifloxacin: In-vitro and in-vivo evaluation. <i>Journal of King Saud University - Science</i> , 2022, 34, 102218.	1.6	2
15	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
16	Manganese-doped cerium oxide nanocomposite as a therapeutic agent for MCF-7 adenocarcinoma cell line. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1233-1238.	1.8	20
17	Structural, Optical and Electrical Properties of Cu _{0.6} CoxZn _{0.4} ^x Fe ₂ O ₄ (x = 0.0, 0.1, 0.2, 0.3, 0.4) Soft Ferrites. <i>Molecules</i> , 2021, 26, 1399.	1.7	21
18	Elemental composition and physical characteristics of the massive meteorite of the Saudi empty quarter. <i>Journal of King Saud University - Science</i> , 2021, 33, 101341.	1.6	1

#	ARTICLE	IF	CITATIONS
19	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
20	Green Synthesis of CeO ₂ Nanoparticles from the Abelmoschus esculentus Extract: Evaluation of Antioxidant, Anticancer, Antibacterial, and Wound-Healing Activities. Molecules, 2021, 26, 4659.	1.7	43
21	A novel mathematical model for COVID-19 with remedial strategies. Results in Physics, 2021, 27, 104248.	2.0	18
22	Automated image classification of chest X-rays of COVID-19 using deep transfer learning. Results in Physics, 2021, 28, 104529.	2.0	20
23	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
24	Experimental and theoretical analyses of nano-silver for antibacterial activity based on differential crystal growth temperatures. Saudi Journal of Biological Sciences, 2021, 28, 7561-7566.	1.8	9
25	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
26	Enhancement in the magnetoelectric and energy storage properties of core-shell-like $\text{CoFe}_2\text{O}_4/\text{BaTiO}_3$ multiferroic nanocomposites. Journal of Alloys and Compounds, 2021, 883, 160875.	2.8	18
27	Assessment of green and chemically synthesized copper oxide nanoparticles against hepatocellular carcinoma. Journal of King Saud University - Science, 2021, 33, 101669.	1.6	13
28	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. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 386, 112130.	2.0	18
29	Gamma dose dependent structural, optical and current-voltage characteristics of CdS/p-Si heterojunction. Materials Chemistry and Physics, 2020, 240, 122243.	2.0	13
30	Antimicrobial and catalytic activities of biosynthesized gold, silver and palladium nanoparticles from Solanum nigurum leaves. Journal of Photochemistry and Photobiology B: Biology, 2020, 202, 111713.	1.7	92
31	Detection of hemophilia by fluorescence spectroscopy: A photodiagnosis approach. Photodiagnosis and Photodynamic Therapy, 2020, 29, 101598.	1.3	5
32	Synthesis of NiO nanoparticles and their evaluation for photodynamic therapy against HeLa cancer cells. Journal of King Saud University - Science, 2020, 32, 1395-1402.	1.6	26
33	Photovoltaic and capacitance measurements of solar cells comprise of Al-doped CdS (QD) and hierarchical flower-like TiO ₂ nanostructured electrode. Results in Physics, 2020, 16, 102827.	2.0	16
34	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
35	Synergistic effect of TEMPO-coated TiO ₂ nanorods for PDT applications in MCF-7 cell line model. Saudi Journal of Biological Sciences, 2020, 27, 3199-3207.	1.8	17
36	Therapeutic Potential Assessment of Green Synthesized Zinc Oxide Nanoparticles Derived from Fennel Seeds Extract. International Journal of Nanomedicine, 2020, Volume 15, 8045-8057.	3.3	23

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	of ferroelectric rich $PbZr_{0.52}Ti_{0.48}$	2.3	11
40	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
41	Soliton Solutions of Mathematical Physics Models Using the Exponential Function Technique. <i>Symmetry</i> , 2020, 12, 176.	1.1	24
42	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
43	First Integral Technique for Finding Exact Solutions of Higher Dimensional Mathematical Physics Models. <i>Symmetry</i> , 2019, 11, 783.	1.1	20
44	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
45	900 keV Au ions implantation effect on the efficiency of dye sensitized solar cells. <i>Results in Physics</i> , 2019, 14, 102425.	2.0	21
46	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
47	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
48	Gamma irradiation dose dependent nano-structural, optical and impedance spectroscopy of PdS thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17288-17294.	1.1	0
49	Synthesis and characterization of nanostructured photoanodes for dye sensitized solar cells. <i>Ceramics International</i> , 2019, 45, 20589-20592.	2.3	9
50	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
51	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
52	Effects of He-Ne 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
53	Study of the Compositional, Mechanical and Magnetic Properties of Saudi Meteorite. <i>Advances in Science, Technology and Innovation</i> , 2019, , 79-81.	0.2	1
54	Tailoring Energy and Power Density through Controlling the Concentration of Oxygen Vacancies in V ₂ O ₅ /PEDOT Nanocable-Based Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16647-16655.	4.0	57

#	ARTICLE	IF	CITATIONS
55	Application of silver oxide nanoparticles for the treatment of cancer. Journal of Molecular Structure, 2019, 1189, 203-209.	1.8	55
56	Physical Characteristics of the Massive Meteorite of Saudi Empty Quarter. Advances in Science, Technology and Innovation, 2019, , 75-78.	0.2	1
57	Photoelectrical characteristics of novel Ru(II) complexes based photodiode. Journal of Materials Science: Materials in Electronics, 2019, 30, 5516-5525.	1.1	17
58	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
59	Effect of ZnO Nanoparticles Coating Layers on Top of ZnO Nanowires for Morphological, Optical, and Photovoltaic Properties of Dye-Sensitized Solar Cells. Micromachines, 2019, 10, 819.	1.4	11
60	Synthesis and enhanced magnetoelectric properties of $(1-x)\text{Pb}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3 + x\text{Co}_{0.9}\text{Mn}_{0.1}\text{Fe}_2\text{O}_4$ composites. Ceramics International, 2019, 45, 4193-4200.	2.3	5
61	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
62	Nanoantibiotics Future nanotechnologies to combat antibiotic resistance. Frontiers in Bioscience - Elite, 2018, 10, 352-374.	0.9	80
63	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
64	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
65	A modified artificial neural network based prediction technique for tropospheric radio refractivity. PLoS ONE, 2018, 13, e0192069.	1.1	13
66	In Vitro Cytotoxicity of Magnetic Spinel Nanoferrites ($\text{CoMgFe}_2\text{O}_4$) Against HepG2 Cells. Journal of Nanoelectronics and Optoelectronics, 2018, 13, 251-257.	0.1	1
67	Low Temperature Synthesis and Properties of BiFeO_3 . Journal of Electronic Materials, 2017, 46, 4582-4589.	1.0	9
68	An In Vitro Study of the Photodynamic Effectiveness of GO-Ag Nanocomposites against Human Breast Cancer Cells. Nanomaterials, 2017, 7, 401.	1.9	22
69	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
70	In Vitro Cytotoxicity of Mesoporous SiO_2 @ $\text{Eu}(\text{OH})_3$ Core-Shell Nanospheres in MCF-7. Journal of Nanomaterials, 2016, 2016, 1-6.	1.5	15
71	Photodynamic Effect of Ni Nanotubes on an HeLa Cell Line. PLoS ONE, 2016, 11, e0150295.	1.1	8
72	Magnetic nanoparticles (Fe_3O_4 & Co_3O_4) and their applications in urea biosensing. Russian Journal of Applied Chemistry, 2016, 89, 517-534.	0.1	3

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	Preliminary study of spectral features of normal and malignant cell cultures. Laser Physics, 2016, 26, 045601.	0.6	3
76	Photodynamic Effect of NiO in HepG2 Cellular Model. Journal of Nanoelectronics and Optoelectronics, 2016, 11, 339-342.	0.1	2
77	Photovoltaic and Impedance Spectroscopy of CdS Quantum Dots Onto Nano Urchin TiO2 Structure for Quantum Dots Sensitized Solar Cell Applications. Journal of Nanoelectronics and Optoelectronics, 2016, 11, 363-367.	0.1	4
78	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
79	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
80	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
81	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
82	Interplay between the ferromagnetic and ferroelectric phases on the magnetic and impedance analysis of $(x)\text{Pb}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3(1-x)\text{CoFe}_2\text{O}_4$ composites. Journal of Alloys and Compounds, 2015, 623, 447-453.	2.8	27
83	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
84	Study of the spectral features of different biological samples. Optics and Spectroscopy (English) Tj ETQq0 0 0 rgBT /Qverlock_10 Tf 50 30	0.2	0
85	Assembly of CdS Quantum Dots onto Hierarchical TiO_2 Structure for Quantum Dots Sensitized Solar Cell Applications. Materials, 2015, 8, 2376-2386.	1.3	9
86	Magnetic, dielectric and magnetoelectric properties in $(1-x)\text{Pb}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3+x\text{CoFe}_2\text{O}_4$ composites. Journal of Materials Science: Materials in Electronics, 2015, 26, 7737-7744.	1.1	8
87	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
88	Cobalt oxide magnetic nanoparticles-chitosan nanocomposite based electrochemical urea biosensor. Indian Journal of Physics, 2015, 89, 331-336.	0.9	24
89	Co-ferrite - A material with interesting magnetic properties. IOP Conference Series: Materials Science and Engineering, 2014, 60, 012020.	0.3	15
90	Qualitative analysis of dental nano-composite restorative material using laser induced breakdown spectroscopy and EDS analysis. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
91	Apoptotic effect of Fe_2O_3 and SiO_2 nanoparticles in human rhabdomyosarcoma cell line. <i>Laser Physics</i> , 2014, 24, 125602.	0.6	12
92	Study of Bacterial Samples Using Laser Induced Breakdown Spectroscopy. <i>Plasma Science and Technology</i> , 2014, 16, 1141-1146.	0.7	13
93	Effects of 1064 nm laser on the structural and optical properties of nanostructured TiO_2 thin film. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2014, 117, 386-391.	0.2	5
94	Study of radiation induced variation in structural and optical properties of polyallyl diglycol carbonate Polymer. , 2014, , .		0
95	Spectral characterization of breast cancer. , 2014, , .		2
96	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% \leq x \leq 0.4) ferrites. <i>Ceramics International</i> , 2014, 40, 471-478.	2.3	56
97	Sol-gel synthesis of nanocrystalline $\text{Zn}_{1-x}\text{Ni}_x\text{Fe}_2\text{O}_4$ ceramics and its structural, magnetic and dielectric properties. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 615-626.	1.1	42
98	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
99	Structural changes in tin oxide thin film with laser exposure. <i>Optics and Spectroscopy (English)</i> Tj ETQq1 1 0.784314.rgBT /Oylock 1	0.2	3
100	ZnO nanoparticles as drug delivery agent for photodynamic therapy. <i>Laser Physics Letters</i> , 2014, 11, 025601.	0.6	29
101	Photovoltaic and Impedance Spectroscopic Analysis of CdSe Quantum Dot Solar Cell. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2014, 9, 671-674.	0.1	2
102	Photovoltaic and Impedance Spectroscopic Investigation of MEH-PPV Blended CdS Quantum Dot Sensitized Solar Cell. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2014, 9, 702-708.	0.1	4
103	Influence of Gamma Irradiation on the Structural and Optical Properties of Nanostructured Magnesium Doped SnO Thin Films. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2014, 9, 644-647.	0.1	0
104	Growth and characterization of ZnO nanowires for optical applications. <i>Laser Physics</i> , 2013, 23, 065602.	0.6	3
105	A parallelism between spectral grading and Gleason grading of malignant prostate tissues. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 168-172.	1.3	1
106	Potentiometric urea biosensor utilizing nanobiocomposite of chitosan-iron oxide magnetic nanoparticles. <i>Journal of Physics: Conference Series</i> , 2013, 414, 012024.	0.3	32
107	Well aligned ZnO nanorods growth on the gold coated glass substrate by aqueous chemical growth method using seed layer of Fe_3O_4 and Co_3O_4 nanoparticles. <i>Journal of Crystal Growth</i> , 2013, 368, 39-46.	0.7	7
108	Optical properties of nano-structured Pt/FTO counter electrode for QDSSCs. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
109	Magnetic nanoparticles as a seed layer for growing ZnO nanowires for optical applications. Journal of Physics: Conference Series, 2013, 414, 012019.	0.3	2
110	Hydrothermal Growth of Vertically Aligned ZnO Nanorods Using a Biocomposite Seed Layer of ZnO Nanoparticles. Materials, 2013, 6, 3584-3597.	1.3	93
111	Fabrication of Well-Aligned ZnO Nanorods Using a Composite Seed Layer of ZnO Nanoparticles and Chitosan Polymer. Materials, 2013, 6, 4361-4374.	1.3	45
112	A study on the effects of photosensitizer concentration on singlet oxygen mediated photobleaching. Laser Physics, 2013, 23, 055603.	0.6	3
113	Spectral features of the body fluids of patients with benign and malignant prostate tumours. Laser Physics, 2013, 23, 055602.	0.6	8
114	Influence of manganese substitution on the microstructure and magnetostrictive properties of $\text{Co}_{1-x}\text{Mn}_x\text{Fe}_2\text{O}_4$ ($x=0.0$ – 0.4) ferrite. Journal of Applied Physics, 2013, 113, 153902.	1.1	55
115	In Vitro Studies of Photosensitizer fluorescence changes on singlet oxygen mediated photobleaching. Journal of Physics: Conference Series, 2013, 414, 012025.	0.3	2
116	Fluorescence spectra of blood and urine for cervical cancer detection. Journal of Biomedical Optics, 2012, 17, 0980011.	1.4	49
117	Fluorescence spectra of benign and malignant prostate tissues. Laser Physics Letters, 2012, 9, 631-635.	0.6	7
118	A study of the photodynamic effect on cancerous cells. Laser Physics Letters, 2012, 9, 611-617.	0.6	5
119	Photodynamic damage in liver carcinoma HepG2 cells. , 2012, , .		0
120	Fluorescence photobleaching dynamics of meso tetra hydroxy phenyl chlorin (mTHPC). Laser Physics Letters, 2012, 9, 387-393.	0.6	4
121	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
122	Spectroscopic analysis of dye-silica core-shell nanoparticles (DSCSNPs). , 2012, , .		0
123	Study of the structural analysis of dye-silica core-shell nanoparticles (DSCSNPs). , 2012, , .		1
124	Optical biopsy of breast cancer tissue. Laser Physics, 2012, 22, 1358-1363.	0.6	9
125	Fluorescence spectra of cultured normal and malignant lung cells. Laser Physics, 2012, 22, 1353-1357.	0.6	2
126	In vitro studies of Photofrin® mediated photodynamic therapy on human rhabdomyosarcoma cell line (RD). Laser Physics, 2012, 22, 286-293.	0.6	10

#	ARTICLE	IF	CITATIONS
127	Photodynamic damage (PDD) study using stimulated raman scattering. Laser Physics, 2012, 22, 306-310.	0.6	2
128	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
129	Interplay between the cation distribution and production methods in cobalt ferrite. Materials Chemistry and Physics, 2012, 132, 832-838.	2.0	67
130	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
131	Elemental analysis of fertilizer using laser induced breakdown spectroscopy. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2012, 112, 874-880.	0.2	29
132	The Photodynamic Effect of ZnO Nanorods and Their Ligands with Different Photosensitizers. Reviews in Nanoscience and Nanotechnology, 2012, 1, 40-51.	0.4	19
133	Fluence and photobleaching effects of mTHPC. , 2011, , .		0
134	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
135	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
136	Stokes vector determination of polarized light propagation in turbid medium. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 110, 438-441.	0.2	5
137	Modeling of light propagation in turbid medium using Monte Carlo simulation technique. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2011, 111, 107-112.	0.2	8
138	Photodynamic therapy of non-melanoma skin cancers. Laser Physics, 2011, 21, 427-433.	0.6	15
139	Photodynamic damage study of HeLa cell line using ALA. Laser Physics, 2011, 21, 733-739.	0.6	12
140	Role of ALA sensitivity in HepG2 cell in the presence of diode laser. Laser Physics, 2011, 21, 972-980.	0.6	19
141	Study of the efficacy of photofrin-Mediated PDT on human hepatocellular carcinoma (HepG2) cell line. Laser Physics, 2011, 21, 1135-1144.	0.6	20
142	Cytotoxic and photocytotoxic effect of Photofrin on human laryngeal carcinoma (Hep2c) cell line. Laser Physics, 2011, 21, 1235-1242.	0.6	27
143	The role of sensitivity of ALA (PpIX)-based PDT on Human embryonic kidney cell line (HEK293T). Laser Physics, 2011, 21, 1428-1437.	0.6	13
144	Role of sensitivity of zinc oxide nanorods (ZnO-NRs) based photosensitizers in hepatocellular site of biological tissue. Laser Physics, 2011, 21, 1950-1961.	0.6	14

#	ARTICLE	IF	CITATIONS
145	Tumoricidal effects of nanomaterials in HeLa cell line. Laser Physics, 2011, 21, 1978-1988.	0.6	17
146	The potential applications of ZnO nanoparticles conjugated with ALA and photofrin as a biomarker in HepG2 cells. Laser Physics, 2011, 21, 2156-2164.	0.6	18
147	Phototoxic effects of zinc oxide nanowires (ZnO NWs) complexed with 5-ALA in RD cell line. Laser Physics, 2011, 21, 2165-2170.	0.6	5
148	Analysis of the combined effect of lasers of different wavelengths for PDT outcome using 600, 630, and 660 nm. Laser Physics Letters, 2011, 8, 386-392.	0.6	47
149	Catheters for optical coherence tomography. Laser Physics Letters, 2011, , n/a-n/a.	0.6	5
150	Polarimetric characterization of ultra-high molecular weight polyethylene (UHMWPE) for bone substitute biomaterials. Optik, 2011, 122, 99-104.	1.4	15
151	Study of the efficacy of 5 ALA-mediated photodynamic therapy on human larynx squamous cell carcinoma (Hep2c) cell line. Laser Physics, 2010, 20, 1673-1678.	0.6	29
152	Laser-induced effects in different biological samples. Lasers in Medical Science, 2010, 25, 545-550.	1.0	25
153	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
154	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
155	Labelling and optimization of PHOTOFRIN [®] with ^{99m} Tc. Radiochimica Acta, 2010, 98, 813-818.	0.5	15
156	<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
157	Two-photon excitation studies of m-THPC photosensitizer and photodynamic activity in an epithelial cell line. Photodiagnosis and Photodynamic Therapy, 2007, 4, 106-111.	1.3	29
158	The influence of intracellular mTHPC concentration upon photobleaching dynamics. Photodiagnosis and Photodynamic Therapy, 2005, 2, 235-238.	1.3	16
159	Fluence-rate effects upon m-THPC photobleaching in a formalin-fixed cell system. Photodiagnosis and Photodynamic Therapy, 2004, 1, 173-180.	1.3	16