

Numan Salah

List of Publications by Year in Descending Order

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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.

142
papers

3,329
citations

30
h-index

51
g-index

149
ext. papers

4,069
ext. citations

4.2
avg, IF

5.79
L-index

#	Paper	IF	Citations
142	Fabrication of Alq3/PMMA nanocomposite sheet and its potential applications as radiation dosimeter. <i>Journal of Luminescence</i> , 2022 , 242, 118588	3.8	3
141	Investigation of the tris(8-hydroxyquinoline) aluminum as a promising fluorescent optical material for in vitro bioimaging. <i>Optical Materials</i> , 2022 , 127, 112260	3.3	1
140	Regulating the redox reversibility of zinc anode toward stable aqueous zinc batteries. <i>Nano Energy</i> , 2022 , 107331	17.1	2
139	Fabrication of size-controlled Alq3 nanoparticles within PMMA matrix in the form of nanocomposite sheet for potential use as UV dosimeter. <i>Optical Materials</i> , 2022 , 128, 112402	3.3	1
138	Graphene and Carbon Nanotubes Fibrous Composite Decorated with PdMg Alloy Nanoparticles with Enhanced Absorption-Desorption Kinetics for Hydrogen Storage Application. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
137	Electrochemical Zinc Ion Capacitors: Fundamentals, Materials, and Systems. <i>Advanced Energy Materials</i> , 2021 , 11, 2100201	21.8	37
136	Elaboration of TiO ₂ /carbon of oil fly ash nanocomposite as an eco-friendly photocatalytic thin-film material. <i>Ceramics International</i> , 2021 , 47, 13544-13551	5.1	2
135	Third-order nonlinear optical properties of the small-molecular organic semiconductor tris (8-Hydroxyquinoline) aluminum by CW Z-scan technique. <i>Results in Physics</i> , 2021 , 24, 104162	3.7	6
134	Fly Ash Carbon Anodes for Alkali Metal-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 26421-26430	9.5	3
133	Annealing effect on structural and optical properties of nanostructured carbon of oil fly ash modified titania thin-film. <i>Results in Physics</i> , 2021 , 25, 104335	3.7	0
132	In situ printing of scaffolds for reconstruction of bone defects. <i>Acta Biomaterialia</i> , 2021 , 127, 313-326	10.8	12
131	Controlled nanostructuring via aluminum doping in CuO nanosheets for enhanced thermoelectric performance. <i>Journal of Alloys and Compounds</i> , 2021 , 869, 159370	5.7	4
130	Optimization preparation of one-dimensional polypyrrole nanotubes for enhanced thermoelectric performance. <i>Polymer</i> , 2021 , 228, 123950	3.9	3
129	Size-controlled, single-crystal CuO nanosheets and the resulting polyethyleneCarbon nanotube nanocomposite as antimicrobial materials. <i>Polymer Bulletin</i> , 2021 , 78, 261-281	2.4	3
128	Ultra-Thin 2D CuO Nanosheet for HRP Immobilization Supported by Encapsulation in a Polymer Matrix: Characterization and Dye Degradation. <i>Catalysis Letters</i> , 2021 , 151, 232-246	2.8	17
127	The effect of morphological modification on the thermoelectric properties of ZnO nanomaterials. <i>Ceramics International</i> , 2021 , 47, 6169-6178	5.1	7
126	Electrical and dielectric properties of meridional and facial Alq3 nanorods powders. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 2075-2087	2.1	8

125	One-Dimensional Nanocomposites Based on Polypyrrole-Carbon Nanotubes and Their Thermoelectric Performance. <i>Polymers</i> , 2021 , 13,	4.5	13
124	Tunable fabrication of rice-like nanostructures aggregated into flowers of Alq3 with negligible photo-degradation for potential biomedical applications. <i>Materials Chemistry and Physics</i> , 2021 , 259, 124080	4.4	8
123	Polypyrrole sheets composed of nanoparticles as a promising room temperature thermo-electric material. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021 , 134, 114889	3	1
122	Effects of X-ray irradiation on the structural and optical properties of microcrystalline Alq3 powder and its potential dosimetry application. <i>Radiation Physics and Chemistry</i> , 2021 , 188, 109656	2.5	5
121	DC electrical conductivity retention and antibacterial aspects of microwave-assisted ultrathin CuO@polyaniline composite. <i>Chemical Papers</i> , 2020 , 74, 3887-3898	1.9	4
120	Synthesis Strategies of Porous Carbon for Supercapacitor Applications. <i>Small Methods</i> , 2020 , 4, 1900853	12.8	161
119	Fabrication of highly efficient organic light-emitting diode based on dysprosium-incorporated tris-(8-hydroxyquinoline)aluminum. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 22179-22189	2.1	6
118	Photocatalytic properties of TiS2 nanodisc and Sb@TiS2 nanocomposite for methylene blue dye. <i>Optik</i> , 2020 , 207, 163810	2.5	3
117	Effective dopants for CuI single nanocrystals as a promising room temperature thermoelectric material. <i>Ceramics International</i> , 2020 , 46, 27244-27253	5.1	4
116	Microwave Irradiation to Produce High Performance Thermoelectric Material Based on Al Doped ZnO Nanostructures. <i>Crystals</i> , 2020 , 10, 610	2.3	3
115	Electrochemical Zinc Ion Capacitors Enhanced by Redox Reactions of Porous Carbon Cathodes. <i>Advanced Energy Materials</i> , 2020 , 10, 2001705	21.8	75
114	Sustainable drug release from polycaprolactone coated chitin-lignin gel fibrous scaffolds. <i>Scientific Reports</i> , 2020 , 10, 20428	4.9	15
113	Thermoelectric properties of oil fly ash-derived carbon nanotubes coated with polypyrrole. <i>Journal of Applied Physics</i> , 2020 , 128, 235104	2.5	1
112	Nanocomposites of CuO/SWCNT: Promising thermoelectric materials for mid-temperature thermoelectric generators. <i>Journal of the European Ceramic Society</i> , 2019 , 39, 3307-3314	6	17
111	Size controlled, antimicrobial ZnO nanostructures produced by the microwave assisted route. <i>Materials Science and Engineering C</i> , 2019 , 99, 1164-1173	8.3	25
110	Highly luminescent Alq3: Zn nanowires. <i>Materials Research Express</i> , 2019 , 6, 105052	1.7	5
109	Structure and photoluminescence characteristics of mixed nickel-chromium oxides nanostructures. <i>Applied Physics A: Materials Science and Processing</i> , 2019 , 125, 1	2.6	37
108	Ajwa Nanopreparation Prevents Doxorubicin-Associated Cardiac Dysfunction: Effect on Cardiac Ischemia and Antioxidant Capacity. <i>Integrative Cancer Therapies</i> , 2019 , 18, 1534735419862351	3	3

107	Effective reinforcements for thermoplastics based on carbon nanotubes of oil fly ash. <i>Scientific Reports</i> , 2019 , 9, 20288	4.9	14
106	The performance of silver modified tungsten oxide for the removal of 2-CP and 2-NP in sunlight exposure: Optical, electrochemical and photocatalytic properties. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 2632-2643	5.9	7
105	Nano and micro structures produced from carbon rich fly ash as effective lubricant additives for 150SN base oil. <i>Journal of Materials Research and Technology</i> , 2019 , 8, 250-258	5.5	7
104	The Effect of Poly (Glycerol Sebacate) Incorporation within Hybrid Chitin-Lignin Sol-Gel Nanofibrous Scaffolds. <i>Materials</i> , 2018 , 11,	3.5	17
103	Effect of ZnO nanoparticles doping on the optical properties of TiS ₂ discs. <i>Optik</i> , 2018 , 171, 183-189	2.5	6
102	Immobilization of horseradish peroxidase on PMMA nanofibers incorporated with nanodiamond. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, S973-S981	6.1	29
101	Study of Electrospinning Parameters and Collection Methods on Size Distribution and Orientation of PLA/PBS Hybrid Fiber Using Digital Image Processing. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 8240-8251	1.3	13
100	Lubricant Additives Based on Carbon Nanotubes Produced from Carbon-Rich Fly Ash. <i>Tribology Transactions</i> , 2017 , 60, 166-175	1.8	19
99	Studies on selenium rich Lead Chalcogenide Pb ₅ Se _{95-x} Zn _x (X =0, 2.5, 5, and 10) thin films composed of NPs. <i>Materials Science in Semiconductor Processing</i> , 2017 , 60, 53-59	4.3	7
98	Fabrication and characterization of poly (aniline-co-o-anthranilic acid)/magnetite nanocomposites and their application in wastewater treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 520, 121-130	5.1	26
97	Synthesis and characterization of Indium doped Lead chalcogenides(PbSe) _{100-x} In _x thin films composed of QDs. <i>Journal of Alloys and Compounds</i> , 2017 , 701, 850-857	5.7	7
96	Microwave synthesis of 2D SnO nanosheets: effects of annealing temperatures on their thermoelectric properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 3598-3606	2.1	6
95	Thermoelectric and Magnetic Properties of Sn _{1-x} O ₂ :Mn _{0.5x} Co _{0.5x} Nanoparticles Produced by the Microwave Technique. <i>Journal of Electronic Materials</i> , 2017 , 46, 1190-1200	1.9	
94	Size controlled ultrafine CeO nanoparticles produced by the microwave assisted route and their antimicrobial activity. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 177	4.5	7
93	Effect of γ irradiation on electrical transport properties of ZnTe thin films composed of nanostructures. <i>Materials Express</i> , 2017 , 7, 189-198	1.3	1
92	Carbon nanotubes of oil fly ash integrated with ultrathin CuO nanosheets as effective lubricant additives. <i>Diamond and Related Materials</i> , 2017 , 78, 97-104	3.5	14
91	Carbon nanotubes of oil fly ash as lubricant additives for different base oils and their tribology performance. <i>RSC Advances</i> , 2017 , 7, 40295-40302	3.7	24
90	Insecticidal effects of pure and silver-doped copper oxide nanosheets on <i>Spodoptera littoralis</i> (Lepidoptera: Noctuidae). <i>Canadian Entomologist</i> , 2017 , 149, 677-690	0.7	4

89	Polymer composite reinforced with nanoparticles produced from graphitic carbon-rich fly ash. <i>Journal of Composite Materials</i> , 2017 , 51, 2675-2685	2.7	4
88	The influence of transition metal doping on the thermoelectric and magnetic properties of microwave synthesized SnO ₂ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 435-445	2.1	5
87	Formation of Carbon Nanotubes from Carbon-Rich Fly Ash: Growth Parameters and Mechanism. <i>Materials and Manufacturing Processes</i> , 2016 , 31, 146-156	4.1	30
86	The effect of sunlight induced surface defects on the photocatalytic activity of nanosized CeO ₂ for the degradation of phenol and its derivatives. <i>Applied Catalysis B: Environmental</i> , 2016 , 180, 391-402	21.8	137
85	The assessment of the photocatalytic activity of magnetically retrievable ZnO coated Fe ₂ O ₃ in sunlight exposure. <i>Chemical Engineering Journal</i> , 2016 , 283, 656-667	14.7	38
84	Tribological behavior of diamond-like carbon thin films deposited by the pulse laser technique at different substrate temperatures. <i>Tribology International</i> , 2016 , 103, 274-280	4.9	23
83	Role of N doping on the structural, optical and photocatalytic properties of the silver deposited ZnO thin films. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 69, 131-138	5.3	12
82	Magnetic properties of microwave-synthesized Mn-doped SnO ₂ nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	6
81	Optical studies on Zn-doped lead chalcogenide (PbSe) _{100-x} Znx thin films composed of nanoparticles. <i>Thin Solid Films</i> , 2016 , 612, 109-115	2.2	8
80	UV-irradiated carbon nanotubes synthesized from fly ash for adsorption of congo red dyes in aqueous solution. <i>Desalination and Water Treatment</i> , 2016 , 57, 21534-21544		5
79	Flow controlled fabrication of N doped ZnO thin films and estimation of their performance for sunlight photocatalytic decontamination of water. <i>Chemical Engineering Journal</i> , 2016 , 291, 115-127	14.7	42
78	The performance of Zn _{1-x} CexO nanoparticles thin films in sunlight exposure: synthesis, characterization and photocatalytic activity. <i>Desalination and Water Treatment</i> , 2016 , 57, 25581-25590		1
77	Zinc Oxide-Multi Walled Carbon Nanotubes Nanocomposites for Carbon Monoxide Gas Sensor Application. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 439-47	1.3	12
76	Carbon rich fly ash and their nanostructures. <i>Carbon Letters</i> , 2016 , 19, 23-31	2.3	11
75	Data Fitting to Study Ablated Hard Dental Tissues by Nanosecond Laser Irradiation. <i>PLoS ONE</i> , 2016 , 11, e0156093	3.7	4
74	Formation of Mn-Doped SnO ₂ Nanoparticles Via the Microwave Technique: Structural, Optical and Electrical Properties. <i>Nanomaterials and Nanotechnology</i> , 2016 , 6, 17	2.9	16
73	Photocatalytic activity of V doped ZnO nanoparticles thin films for the removal of 2- chlorophenol from the aquatic environment under natural sunlight exposure. <i>Journal of Environmental Management</i> , 2016 , 177, 53-64	7.9	19
72	Microwave synthesis of ultrathin, non-agglomerated CuO nanosheets and their evaluation as nanofillers for polymer nanocomposites. <i>Journal of Alloys and Compounds</i> , 2016 , 680, 350-358	5.7	15

71	Growth-controlled from SnO ₂ nanoparticles to SnO nanosheets with tunable properties. <i>Materials and Design</i> , 2016 , 103, 339-347	8.1	15
70	ZnO-nanoparticles thin films synthesized by RF sputtering for photocatalytic degradation of 2-chlorophenol in synthetic wastewater. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 23, 134-139	6.3	35
69	Sunlight mediated removal of chlorophenols over tungsten supported ZnO: Electrochemical and photocatalytic studies. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 1901-1911	6.8	20
68	Thermoluminescence properties of Al ₂ O ₃ :Tb nanoparticles irradiated by gamma rays and 85MeV C ⁶⁺ ion beam. <i>Journal of Luminescence</i> , 2015 , 167, 59-64	3.8	26
67	TL response of Eu activated LiF nanocubes irradiated by 85 MeV carbon ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015 , 358, 201-205	1.2	10
66	Synthesis, Characterization, and Sunlight Mediated Photocatalytic Activity of CuO Coated ZnO for the Removal of Nitrophenols. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 8757-69	9.5	124
65	Sunlight induced formation of surface Bi ₂ O ₄ /Bi ₂ O ₃ nanocomposite during the photocatalytic mineralization of 2-chloro and 2-nitrophenol. <i>Applied Catalysis B: Environmental</i> , 2015 , 163, 444-451	21.8	94
64	Thermoluminescence of gamma rays irradiated CaSO ₄ nanorods doped with different elements. <i>Radiation Physics and Chemistry</i> , 2015 , 106, 40-45	2.5	15
63	Luminescence Properties of CaF ₂ Nanostructure Activated by Different Elements. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-7	3.2	18
62	Evaluation of sunlight induced structural changes and their effect on the photocatalytic activity of V ₂ O ₅ for the degradation of phenols. <i>Journal of Hazardous Materials</i> , 2015 , 286, 127-35	12.8	156
61	Thermoluminescence of gamma rays irradiated LiF nanocubes doped with different elements. <i>Journal of Luminescence</i> , 2015 , 161, 313-317	3.8	8
60	Ag/ZnO nanoparticles thin films as visible light photocatalysts. <i>RSC Advances</i> , 2014 , 4, 56892-56899	3.7	30
59	Enhanced photocatalytic activity of V ₂ O ₅ /ZnO composites for the mineralization of nitrophenols. <i>Chemosphere</i> , 2014 , 117, 115-23	8.4	62
58	Luminescence properties of pure and doped CaSO ₄ nanorods irradiated by 15MeV e-beam. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014 , 319, 107-111	1.2	10
57	Synthesis and characterization of pure and Tb/Cu doped Alq ₃ nanostructures. <i>Journal of Luminescence</i> , 2013 , 143, 640-644	3.8	12
56	Syntheses and characterization of thin films of Te ₉₄ Se ₆ nanoparticles for semiconducting and optical devices. <i>Thin Solid Films</i> , 2013 , 531, 70-75	2.2	9
55	TL response of nanocrystalline MgB ₄ O ₇ :Dy irradiated by 3 MeV proton beam, 50 MeV Li ³⁺ and 120 MeV Ag ⁹⁺ ion beams. <i>Radiation Physics and Chemistry</i> , 2013 , 86, 52-58	2.5	18
54	Study of structure-dependent response kinetics of porous silicon for selective detection of organic vapors. <i>Philosophical Magazine Letters</i> , 2013 , 93, 1-8	1	3

53	Highly luminescent material based on Alq3:Ag nanoparticles. <i>Journal of Fluorescence</i> , 2013 , 23, 1031-7	2.4	17
52	Fabrication of Co-doped ZnO nanorods for spintronic devices. <i>Metals and Materials International</i> , 2013 , 19, 845-850	2.4	19
51	Synthesis and characterization of nano- and microcrystalline cubes of pure and Ag-doped LiF. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 035305	3	17
50	Raman Spectra of Nanodiamonds: New Treatment Procedure Directed for Improved Raman Signal Marker Detection. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-11	1.1	3
49	Color Centers Formation in Lithium Fluoride Nanocubes Doped with Different Elements. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-7	3.2	9
48	Microwave-assisted synthesis of SnO ₂ nanorods for oxygen gas sensing at room temperature. <i>International Journal of Nanomedicine</i> , 2013 , 8, 3875-81	7.3	31
47	Study of structure-dependent response kinetics of porous silicon for selective detection of organic vapors [Philosophical Magazine Letters, DOI: 10.1080/09500839.2012.727487]. <i>Philosophical Magazine Letters</i> , 2013 , 93, 129-129	1	
46	Direct bandgap materials based on the thin films of Se _x Te _{100-x} nanoparticles. <i>Nanoscale Research Letters</i> , 2012 , 7, 509	5	11
45	Electrical and optical properties of a-Se _x Te _{100-x} thin films. <i>Optics and Laser Technology</i> , 2012 , 44, 6-11	4.2	23
44	Synthesis and Characterization of Nanoparticle Films and Their Optical Properties. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-9	3.2	9
43	Direct Bandgap Material Based on Thin Film of Te ₉₇ Ga ₃ Nanoparticles. <i>ECS Journal of Solid State Science and Technology</i> , 2012 , 1, Q96-Q99	2	
42	Multi-Walled Carbon Nanotubes Film Sensor for Carbon Mono-Oxide Gas. <i>Current Nanoscience</i> , 2012 , 8, 274-279	1.4	5
41	High-energy ball milling technique for ZnO nanoparticles as antibacterial material. <i>International Journal of Nanomedicine</i> , 2011 , 6, 863-9	7.3	138
40	Electrical properties of thin films of a-Ga _x Te _{100-x} composed of nanoparticles. <i>Philosophical Magazine Letters</i> , 2011 , 91, 207-213	1	13
39	Nanoparticles of Al ₂ O ₃ :Cr as a sensitive thermoluminescent material for high exposures of gamma rays irradiations. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011 , 269, 401-404	1.2	43
38	Nanocrystalline materials for the dosimetry of heavy charged particles: A review. <i>Radiation Physics and Chemistry</i> , 2011 , 80, 1-10	2.5	78
37	Thermoluminescence and photoluminescence of ZrO ₂ nanoparticles. <i>Radiation Physics and Chemistry</i> , 2011 , 80, 923-928	2.5	60
36	Electrical transport properties of thin film of a-Se ₈₇ Te ₁₃ nanorods. <i>Journal of Experimental Nanoscience</i> , 2011 , 6, 337-348	1.9	22

35	Morphology and Optical Properties of Thin Films of Ga_xSe_{100-x} Nanoparticles. <i>Nanoscience and Nanotechnology Letters</i> , 2011 , 3, 319-323	0.8	10
34	The nanoparticles of $BaSO_4:Eu$ as detectors for high doses of different ionising radiations. <i>Atoms for Peace: an International Journal</i> , 2010 , 3, 84		5
33	Effect of Composition on Electrical and Optical Properties of Thin Films of Amorphous $Ga(x)Se(100-x)$ Nanorods. <i>Nanoscale Research Letters</i> , 2010 , 5, 1512-1517	5	36
32	Quantum effect on the energy levels of Eu^{2+} doped $K_2Ca_2(SO_4)_3$ nanoparticles. <i>Journal of Fluorescence</i> , 2010 , 20, 1009-15	2.4	13
31	Electrical Transport Properties of Ni_9Ti_5 Catalyzed Multi wall Carbon Nanotubes Film. <i>Journal of Nanomaterials</i> , 2009 , 2009, 1-8	3.2	2
30	Copper activated LiF nanorods as TLD material for high exposures of gamma-rays. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009 , 267, 3562-3565	1.2	16
29	Nanoparticles of $BaSO_4:Eu$ for heavy-dose measurements. <i>Journal of Luminescence</i> , 2009 , 129, 192-196	3.8	73
28	Functionalization of gold and carbon nanostructured materials using gamma-ray irradiation. <i>Radiation Physics and Chemistry</i> , 2009 , 78, 910-913	2.5	17
27	Optical properties of $LiF:Mg,Cu,P$ nanorods. <i>International Journal of Nano and Biomaterials</i> , 2009 , 2, 118	0.2	
26	J-E characteristics of Ni-catalysed multiwalled carbon nanotubes. <i>International Journal of Nano and Biomaterials</i> , 2009 , 2, 226	0.2	
25	Synthesis and characterisation of tin dioxide nanoparticles and effect of annealing temperature. <i>International Journal of Nanoparticles</i> , 2009 , 2, 263	0.4	1
24	Electrical transport via variable range hopping in an individual multi-wall carbon nanotube. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 475207	1.8	17
23	Nanorods of $LiF:Mg,Cu,P$ as Detectors for Mixed Field Radiations. <i>IEEE Nanotechnology Magazine</i> , 2008 , 7, 749-753	2.6	24
22	Carbon ions irradiation on nano- and microcrystalline $CaSO_4 : Dy$. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 155302	3	27
21	Thermoluminescence of $BaSO_4 : Eu$ irradiated with 48 MeV Li^{3+} and 150 MeV Ag^{12+} ions. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 085408	3	21
20	Thermoluminescence of silica-based materials irradiated by thermal neutrons. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 065103	3	1
19	Nanocrystalline $Ba_{0.97}Ca_{0.03}SO_4:Eu$ for ion beams dosimetry. <i>Journal of Applied Physics</i> , 2008 , 104, 033520	2.5	36
18	Thermoluminescence and photoluminescence study of nanocrystalline $Ba_{0.97}Ca_{0.03}SO_4 : Eu$. <i>Journal Physics D: Applied Physics</i> , 2007 , 40, 1343-1350	3	76

17	Nanoparticles of $K_2Ca_2(SO_4)_3:Eu$ as effective detectors for swift heavy ions. <i>Journal of Applied Physics</i> , 2007 , 102, 064904	2.5	33
16	Thermoluminescence of $Ba_{0.97}Ca_{0.03}SO_4:Eu$ irradiated with 48MeV 7Li ion beam. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 254, 231-235	1.2	25
15	Thermoluminescence of nanocrystalline $LiF:Mg, Cu, P$. <i>Journal of Luminescence</i> , 2007 , 124, 357-364	3.8	129
14	Nanocrystalline $MgB_4O_7:Dy$ for high dose measurement of gamma radiation. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007 , 204, 2416-2425	1.6	84
13	Effect of high-energy ions on the TL behavior of $LiF:Mg,Cu,P$ detectors. <i>Radiation Measurements</i> , 2007 , 42, 1294-1300	1.5	7
12	$K_3Na(SO_4)_2 : Eu$ nanoparticles for high dose of ionizing radiation. <i>Journal Physics D: Applied Physics</i> , 2007 , 40, 759-764	3	97
11	TL and PL studies on : Dy nanoparticles. <i>Radiation Measurements</i> , 2006 , 41, 40-47	1.5	121
10	Thermoluminescence and photoluminescence study of $Ba_{0.97}Ca_{0.03}SO_4 : Eu$. <i>Journal Physics D: Applied Physics</i> , 2006 , 39, 1786-1792	3	22
9	TL and PL in $BaSr(SO_4)_2:Eu$ mixed sulphate. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 898-905	1.6	8
8	TL, PL and energy transfer in. <i>Radiation Measurements</i> , 2006 , 41, 665-670	1.5	22
7	Thermoluminescence and photoluminescence of $LiNaSO_4:Eu$ irradiated with 24 and 48 MeV 7Li ion beam. <i>Journal of Luminescence</i> , 2006 , 121, 497-506	3.8	25
6	The influence of high-energy 7Li ions on the TL response and glow curve structure of $CaSO_4 : Dy$. <i>Journal Physics D: Applied Physics</i> , 2006 , 39, 2684-2691	3	45
5	Modifications in TL characteristics of $K_2Ca_2(SO_4)_3 : Eu$ by 7Li MeV ion beam. <i>Journal Physics D: Applied Physics</i> , 2005 , 38, 3995-4002	3	24
4	Luminescence characteristics of $K_2Ca_2(SO_4)_3:Eu,Tb$ micro- and nanocrystalline phosphor. <i>Radiation Effects and Defects in Solids</i> , 2004 , 159, 321-334	0.9	44
3	Effect of Tb^{3+} co-doping and particle size on $K_2Ca_2(SO_4)_3:Eu$ phosphor. <i>Radiation Effects and Defects in Solids</i> , 2003 , 158, 819-825	0.9	10
2	Functional enhancement in Alq_3 via metal doping and nanoscale synthesis: a review. <i>Applied Nanoscience (Switzerland)</i> , 1	3.3	0
1	Structural Modifications and Enhanced Thermoelectric Performance of CuI Nanoparticles Induced via Al-Doping. <i>Advanced Electronic Materials</i> , 2101214	6.4	