

Numan Salah

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6335634/numan-salah-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Synthesis Strategies of Porous Carbon for Supercapacitor Applications. <i>Small Methods</i> , 2020 , 4, 1900853	12.8	161
141	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
140	High-energy ball milling technique for ZnO nanoparticles as antibacterial material. <i>International Journal of Nanomedicine</i> , 2011 , 6, 863-9	7.3	138
139	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
138	Thermoluminescence of nanocrystalline LiF:Mg, Cu, P. <i>Journal of Luminescence</i> , 2007 , 124, 357-364	3.8	129
137	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
136	TL and PL studies on : Dy nanoparticles. <i>Radiation Measurements</i> , 2006 , 41, 40-47	1.5	121
135	K ₃ Na(SO ₄) ₂ : Eu nanoparticles for high dose of ionizing radiation. <i>Journal Physics D: Applied Physics</i> , 2007 , 40, 759-764	3	97
134	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
133	Nanocrystalline MgB ₄ O 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
132	Nanocrystalline materials for the dosimetry of heavy charged particles: A review. <i>Radiation Physics and Chemistry</i> , 2011 , 80, 1-10	2.5	78
131	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
130	Electrochemical Zinc Ion Capacitors Enhanced by Redox Reactions of Porous Carbon Cathodes. <i>Advanced Energy Materials</i> , 2020 , 10, 2001705	21.8	75
129	Nanoparticles of BaSO ₄ :Eu for heavy-dose measurements. <i>Journal of Luminescence</i> , 2009 , 129, 192-196	3.8	73
128	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
127	Thermoluminescence and photoluminescence of ZrO ₂ nanoparticles. <i>Radiation Physics and Chemistry</i> , 2011 , 80, 923-928	2.5	60
126	The influence of high-energy ⁷ Li 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

125	Luminescence characteristics of K ₂ Ca 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
124	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
123	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
122	The assessment of the photocatalytic activity of magnetically retrievable ZnO coated γ -Fe ₂ O ₃ in sunlight exposure. <i>Chemical Engineering Journal</i> , 2016 , 283, 656-667	14.7	38
121	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
120	Electrochemical Zinc Ion Capacitors: Fundamentals, Materials, and Systems. <i>Advanced Energy Materials</i> , 2021 , 11, 2100201	21.8	37
119	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
118	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
117	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
116	Nanoparticles of K ₂ Ca ₂ (SO ₄) ₃ :Eu as effective detectors for swift heavy ions. <i>Journal of Applied Physics</i> , 2007 , 102, 064904	2.5	33
115	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
114	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
113	Ag/ZnO nanoparticles thin films as visible light photocatalysts. <i>RSC Advances</i> , 2014 , 4, 56892-56899	3.7	30
112	Immobilization of horseradish peroxidase on PMMA nanofibers incorporated with nanodiamond. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, S973-S981	6.1	29
111	Carbon ions irradiation on nano- and microcrystalline CaSO ₄ : Dy. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 155302	3	27
110	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
109	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
108	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

107	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
106	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
105	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
104	Nanorods of LiF:Mg,Cu,P as Detectors for Mixed Field Radiations. <i>IEEE Nanotechnology Magazine</i> , 2008 , 7, 749-753	2.6	24
103	Modifications in TL characteristics of K ₂ Ca ₂ (SO ₄) ₃ : Eu by 7Li MeV ion beam. <i>Journal Physics D: Applied Physics</i> , 2005 , 38, 3995-4002	3	24
102	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
101	Electrical and optical properties of a-Se ₇₈ Te ₂₂ thin films. <i>Optics and Laser Technology</i> , 2012 , 44, 6-11	4.2	23
100	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
99	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
98	TL, PL and energy transfer in. <i>Radiation Measurements</i> , 2006 , 41, 665-670	1.5	22
97	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
96	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
95	Lubricant Additives Based on Carbon Nanotubes Produced from Carbon-Rich Fly Ash. <i>Tribology Transactions</i> , 2017 , 60, 166-175	1.8	19
94	Fabrication of Co-doped ZnO nanorods for spintronic devices. <i>Metals and Materials International</i> , 2013 , 19, 845-850	2.4	19
93	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
92	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
91	Luminescence Properties of CaF ₂ Nanostructure Activated by Different Elements. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-7	3.2	18
90	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

89	The Effect of Poly (Glycerol Sebacate) Incorporation within Hybrid Chitin-Lignin Sol-Gel Nanofibrous Scaffolds. <i>Materials</i> , 2018 , 11,	3.5	17
88	Highly luminescent material based on Alq3:Ag nanoparticles. <i>Journal of Fluorescence</i> , 2013 , 23, 1031-7	2.4	17
87	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
86	Functionalization of gold and carbon nanostructured materials using gamma-ray irradiation. <i>Radiation Physics and Chemistry</i> , 2009 , 78, 910-913	2.5	17
85	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
84	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
83	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
82	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
81	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
80	Sustainable drug release from polycaprolactone coated chitin-lignin gel fibrous scaffolds. <i>Scientific Reports</i> , 2020 , 10, 20428	4.9	15
79	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
78	Growth-controlled from SnO ₂ nanoparticles to SnO nanosheets with tunable properties. <i>Materials and Design</i> , 2016 , 103, 339-347	8.1	15
77	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
76	Effective reinforcements for thermoplastics based on carbon nanotubes of oil fly ash. <i>Scientific Reports</i> , 2019 , 9, 20288	4.9	14
75	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
74	Quantum effect on the energy levels of Eu ²⁺ doped K ₂ Ca ₂ (SO ₄) ₃ nanoparticles. <i>Journal of Fluorescence</i> , 2010 , 20, 1009-15	2.4	13
73	One-Dimensional Nanocomposites Based on Polypyrrole-Carbon Nanotubes and Their Thermoelectric Performance. <i>Polymers</i> , 2021 , 13,	4.5	13
72	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

71	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
70	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
69	Synthesis and characterization of pure and Tb/Cu doped Alq3 nanostructures. <i>Journal of Luminescence</i> , 2013 , 143, 640-644	3.8	12
68	In situ printing of scaffolds for reconstruction of bone defects. <i>Acta Biomaterialia</i> , 2021 , 127, 313-326	10.8	12
67	Direct bandgap materials based on the thin films of SexTe100 - x nanoparticles. <i>Nanoscale Research Letters</i> , 2012 , 7, 509	5	11
66	Carbon rich fly ash and their nanostructures. <i>Carbon Letters</i> , 2016 , 19, 23-31	2.3	11
65	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
64	Luminescence properties of pure and doped CaSO4 nanorods irradiated by 15MeV e-beam. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014 , 319, 107-111	1.2	10
63	Effect of Tb3+ co-doping and particle size on K2Ca2(SO4)3:Eu phosphor. <i>Radiation Effects and Defects in Solids</i> , 2003 , 158, 819-825	0.9	10
62	Morphology and Optical Properties of Thin Films of GaxSe100-x Nanoparticles. <i>Nanoscience and Nanotechnology Letters</i> , 2011 , 3, 319-323	0.8	10
61	Syntheses and characterization of thin films of Te94Se6 nanoparticles for semiconducting and optical devices. <i>Thin Solid Films</i> , 2013 , 531, 70-75	2.2	9
60	Color Centers Formation in Lithium Fluoride Nanocubes Doped with Different Elements. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-7	3.2	9
59	Synthesis and Characterization of Nanoparticle Films and Their Optical Properties. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-9	3.2	9
58	Optical studies on Zn-doped lead chalcogenide (PbSe)100-xZnx thin films composed of nanoparticles. <i>Thin Solid Films</i> , 2016 , 612, 109-115	2.2	8
57	Thermoluminescence of gamma rays irradiated LiF nanocubes doped with different elements. <i>Journal of Luminescence</i> , 2015 , 161, 313-317	3.8	8
56	TL and PL in BaSr(SO4)2:Eu mixed sulphate. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 898-905	1.6	8
55	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
54	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

53	Studies on selenium rich Lead Chalcogenide $Pb_{5-x}Se_{95-x}Zn_x$ ($x=0, 2.5, 5, \text{ and } 10$) thin films composed of NPs. <i>Materials Science in Semiconductor Processing</i> , 2017 , 60, 53-59	4.3	7
52	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
51	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
50	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
49	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
48	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
47	The effect of morphological modification on the thermoelectric properties of ZnO nanomaterials. <i>Ceramics International</i> , 2021 , 47, 6169-6178	5.1	7
46	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
45	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
44	Effect of ZnO nanoparticles doping on the optical properties of TiS ₂ discs. <i>Optik</i> , 2018 , 171, 183-189	2.5	6
43	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 ⁶		
42	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
41	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
40	Highly luminescent Alq ₃ : Zn nanowires. <i>Materials Research Express</i> , 2019 , 6, 105052	1.7	5
39	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
38	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
37	Multi-Walled Carbon Nanotubes Film Sensor for Carbon Mono-Oxide Gas. <i>Current Nanoscience</i> , 2012 , 8, 274-279	1.4	5
36	Effects of X-ray irradiation on the structural and optical properties of microcrystalline Alq ₃ powder and its potential dosimetry application. <i>Radiation Physics and Chemistry</i> , 2021 , 188, 109656	2.5	5

35	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
34	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
33	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
32	Effective dopants for CuI single nanocrystals as a promising room temperature thermoelectric material. <i>Ceramics International</i> , 2020 , 46, 27244-27253	5.1	4
31	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
30	Data Fitting to Study Ablated Hard Dental Tissues by Nanosecond Laser Irradiation. <i>PLoS ONE</i> , 2016 , 11, e0156093	3.7	4
29	Ajwa Nanopreparation Prevents Doxorubicin-Associated Cardiac Dysfunction: Effect on Cardiac Ischemia and Antioxidant Capacity. <i>Integrative Cancer Therapies</i> , 2019 , 18, 1534735419862351	3	3
28	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
27	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
26	Fabrication of Alq3/PMMA nanocomposite sheet and its potential applications as radiation dosimeter. <i>Journal of Luminescence</i> , 2022 , 242, 118588	3.8	3
25	Photocatalytic properties of TiS ₂ nanodisc and Sb@TiS ₂ nanocomposite for methylene blue dye. <i>Optik</i> , 2020 , 207, 163810	2.5	3
24	Microwave Irradiation to Produce High Performance Thermoelectric Material Based on Al Doped ZnO Nanostructures. <i>Crystals</i> , 2020 , 10, 610	2.3	3
23	Fly Ash Carbon Anodes for Alkali Metal-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 26421-26430	9.5	3
22	Optimization preparation of one-dimensional polypyrrole nanotubes for enhanced thermoelectric performance. <i>Polymer</i> , 2021 , 228, 123950	3.9	3
21	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
20	Electrical Transport Properties of Ni ₉₅ Ti ₅ Catalyzed Multi wall Carbon Nanotubes Film. <i>Journal of Nanomaterials</i> , 2009 , 2009, 1-8	3.2	2
19	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
18	Regulating the redox reversibility of zinc anode toward stable aqueous zinc batteries. <i>Nano Energy</i> , 2022 , 107331	17.1	2

17	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
16	The performance of Zn _{1-x} Ce _x O nanoparticles thin films in sunlight exposure: synthesis, characterization and photocatalytic activity. <i>Desalination and Water Treatment</i> , 2016 , 57, 25581-25590		1
15	Synthesis and characterisation of tin dioxide nanoparticles and effect of annealing temperature. <i>International Journal of Nanoparticles</i> , 2009 , 2, 263	0.4	1
14	Thermoluminescence of silica-based materials irradiated by thermal neutrons. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 065103	3	1
13	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
12	Thermoelectric properties of oil fly ash-derived carbon nanotubes coated with polypyrrole. <i>Journal of Applied Physics</i> , 2020 , 128, 235104	2.5	1
11	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
10	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
9	Fabrication of size-controlled Alq ₃ 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
8	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
7	Functional enhancement in Alq ₃ via metal doping and nanoscale synthesis: a review. <i>Applied Nanoscience (Switzerland)</i> , 1	3.3	0
6	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	
5	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	
4	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	
3	Optical properties of LiF:Mg,Cu,P nanorods. <i>International Journal of Nano and Biomaterials</i> , 2009 , 2, 118	0.2	
2	J-E characteristics of Ni-catalysed multiwalled carbon nanotubes. <i>International Journal of Nano and Biomaterials</i> , 2009 , 2, 226	0.2	
1	Structural Modifications and Enhanced Thermoelectric Performance of CuI Nanoparticles Induced via Al-Doping. <i>Advanced Electronic Materials</i> , 2101214	6.4	