

# Jothi Ramalingam Rajabathar

## List of Publications by Year in descending order

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107  
papers

3,387  
citations

159525

30  
h-index

168321

53  
g-index

111  
all docs

111  
docs citations

111  
times ranked

3925  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of NiO nanoparticles using Aegle marmelos leaf extract for the evaluation of in-vitro cytotoxicity, antibacterial and photocatalytic properties. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 180, 39-50.	1.7	281
2	Green synthesis of Ag nanoparticles using Tamarind fruit extract for the antibacterial studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 169, 178-185.	1.7	183
3	Review of Recent Developments in Solid Acid, Base, and Enzyme Catalysts (Heterogeneous) for Biodiesel Production via Transesterification. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 6162-6172.	1.8	182
4	Okra extract-assisted green synthesis of CoFe <sub>2</sub> O <sub>4</sub> nanoparticles and their optical, magnetic, and antimicrobial properties. <i>Materials Chemistry and Physics</i> , 2018, 204, 410-419.	2.0	138
5	Bioreduction potentials of dried root of Zingiber officinale for a simple green synthesis of silver nanoparticles: Antibacterial studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 177, 62-68.	1.7	128
6	Studies on the efficient dual performance of Mn <sup>1±</sup> xNi <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> spinel nanoparticles in photodegradation and antibacterial activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 165, 121-132.	1.7	127
7	Cerium incorporated ordered manganese oxide OMS-2 materials: Improved catalysts for wet oxidation of phenol compounds. <i>Applied Catalysis B: Environmental</i> , 2005, 59, 91-98.	10.8	109
8	Facile sonochemical synthesis of perovskite-type SrTiO <sub>3</sub> nanocubes with reduced graphene oxide nanocatalyst for an enhanced electrochemical detection of Î±-amino acid (tryptophan). <i>Ultrasonics Sonochemistry</i> , 2019, 56, 193-199.	3.8	96
9	A review of the recent progress on heterogeneous catalysts for Knoevenagel condensation. <i>Dalton Transactions</i> , 2021, 50, 4445-4469.	1.6	95
10	A novel synthesis protocol for Co <sub>3</sub> O <sub>4</sub> nanocatalysts and their catalytic applications. <i>RSC Advances</i> , 2017, 7, 38861-38870.	1.7	71
11	Facile synthesis of copper sulfide decorated reduced graphene oxide nanocomposite for high sensitive detection of toxic antibiotic in milk. <i>Ultrasonics Sonochemistry</i> , 2019, 52, 382-390.	3.8	65
12	Anti-cancer activity of hierarchical ZSM-5 zeolites synthesized from rice-based waste materials. <i>RSC Advances</i> , 2018, 8, 481-490.	1.7	62
13	A screen-printed electrode modified with tungsten disulfide nanosheets for nanomolar detection of the arsenic drug roxarsone. <i>Mikrochimica Acta</i> , 2019, 186, 420.	2.5	62
14	Synergic effect of Cu <sub>2</sub> O/MoS <sub>2</sub> /rGO for the sonophotocatalytic degradation of tetracycline and ciprofloxacin antibiotics. <i>Ceramics International</i> , 2021, 47, 4226-4237.	2.3	58
15	Synthesis, characterization and catalytic oxidation activity of zirconium doped K-OMS-2 type manganese oxide materials. <i>Journal of Molecular Catalysis A</i> , 2006, 252, 49-55.	4.8	57
16	Preparation, characterization and catalytic properties of cerium incorporated porous manganese oxide OMS-2 catalysts. <i>Catalysis Communications</i> , 2005, 6, 41-45.	1.6	56
17	Studies on Opuntia dillenii haw mediated multifunctional ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles: Optical, magnetic and catalytic applications. <i>Materials Chemistry and Physics</i> , 2017, 194, 153-164.	2.0	55
18	A novel electrochemical sensor for determination of DNA damage biomarker (8-hydroxy-2â€²-deoxyguanosine) in urine using sonochemically derived graphene oxide sheets covered zinc oxide flower modified electrode. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104622.	3.8	53

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19	Ultrasound-assisted synthesis of tungsten trioxide entrapped with graphene nanosheets for developing nanomolar electrochemical (hormone) sensor and enhanced sensitivity of the catalytic performance. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 134-142.	3.8	51
20	Comparative investigation on the structural, morphological, optical, and magnetic properties of CoFe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Ceramics International</i> , 2017, 43, 7682-7689.	2.3	50
21	Novel sonochemical synthesis of Fe <sub>3</sub> O <sub>4</sub> nanospheres decorated on highly active reduced graphene oxide nanosheets for sensitive detection of uric acid in biological samples. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104618.	3.8	48
22	Synthesis, characterization and photocatalytic activity of porous manganese oxide doped titania for toluene decomposition. <i>Journal of Hazardous Materials</i> , 2007, 147, 562-569.	6.5	40
23	Highly efficient green mesostructured urea functionalized on SBA-15 catalysts for selective synthesis of benzilidenemalononitrile. <i>Microporous and Mesoporous Materials</i> , 2018, 256, 67-74.	2.2	40
24	Facile synthesis of mesoporous WS <sub>2</sub> nanorods decorated N-doped RGO network modified electrode as portable electrochemical sensing platform for sensitive detection of toxic antibiotic in biological and pharmaceutical samples. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 430-436.	3.8	37
25	Sonochemical synthesis of perovskite-type barium titanate nanoparticles decorated on reduced graphene oxide nanosheets as an effective electrode material for the rapid determination of ractopamine in meat samples. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 318-326.	3.8	36
26	Recent Developments in the Use of Heterogeneous Semiconductor Photocatalyst Based Materials for a Visible-Light-Induced Water-Splitting System—A Brief Review. <i>Catalysts</i> , 2021, 11, 160.	1.6	34
27	A relative study on sonochemically synthesized mesoporous WS <sub>2</sub> nanorods & hydrothermally synthesized WS <sub>2</sub> nanoballs towards electrochemical sensing of psychoactive drug (Clonazepam). <i>Ultrasonics Sonochemistry</i> , 2019, 54, 79-89.	3.8	32
28	Facile synthesis and characterization of erbium oxide (Er <sub>2</sub> O <sub>3</sub> ) nanospheres embellished on reduced graphene oxide nanomatrix for trace-level detection of a hazardous pollutant causing Methemoglobinaemia. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 422-429.	3.8	32
29	Synthesis and structural characterization of copper incorporated manganese oxide OMS-2 materials synthesized via potassium birnessite. <i>Materials Chemistry and Physics</i> , 2006, 100, 257-261.	2.0	31
30	Developing green sonochemical approaches towards the synthesis of highly integrated and interconnected carbon nanofiber decorated with Sm <sub>2</sub> O <sub>3</sub> nanoparticles and their use in the electrochemical detection of toxic 4-nitrophenol. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104595.	3.8	31
31	A novel electrochemical sensor for the detection of oxidative stress and cancer biomarker (4-nitroquinoline N-oxide) based on iron nitride nanoparticles with multilayer reduced graphene nanosheets modified electrode. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 120-129.	4.0	30
32	Review on Carbon Dioxide Utilization for Cycloaddition of Epoxides by Ionic Liquid-Modified Hybrid Catalysts: Effect of Influential Parameters and Mechanisms Insight. <i>Catalysts</i> , 2021, 11, 4.	1.6	30
33	Synthesis of porous activated carbon powder formation from fruit peel and cow dung waste for modified electrode fabrication and application. <i>Biomass and Bioenergy</i> , 2020, 142, 105800.	2.9	28
34	Flexible Type Symmetric Supercapacitor Electrode Fabrication Using Phosphoric Acid-Activated Carbon Nanomaterials Derived from Cow Dung for Renewable Energy Applications. <i>ACS Omega</i> , 2020, 5, 15028-15038.	1.6	28
35	In-situ incorporation of ruthenium/copper nanoparticles in mesoporous silica derived from rice husk ash for catalytic acetylation of glycerol. <i>Renewable Energy</i> , 2020, 160, 564-574.	4.3	27
36	Efficient synthesis of butyl levulinate from furfuryl alcohol over ordered mesoporous Ti-KIT-6 catalysts for green chemistry applications. <i>RSC Advances</i> , 2017, 7, 55206-55214.	1.7	26

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37	Polymer assisted Ga doped ZnO nanodisk/nanorod structures prepared by a low temperature one-pot hydrothermal method. <i>Materials Letters</i> , 2012, 68, 247-250.	1.3	25
38	Facile synthesis of copper(II) oxide nanospheres covered on functionalized multiwalled carbon nanotubes modified electrode as rapid electrochemical sensing platform for super-sensitive detection of antibiotic. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104596.	3.8	25
39	Green Synthesis of Co <sub>3</sub> O <sub>4</sub> Nanorods for Highly Efficient Catalytic, Photocatalytic, and Antibacterial Activities. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2590-2598.	0.9	25
40	Crystal stabilization of $\text{FAPbI}_3$ perovskite by rapid annealing method in industrial scale. <i>Journal of Materials Research and Technology</i> , 2021, 12, 1924-1930.	2.6	25
41	Synthesis, characterization and optical properties of sulfur and fluorine doped ZnO nanostructures for visible light utilized catalysis. <i>Optik</i> , 2017, 148, 325-331.	1.4	24
42	Synthesis and bio-physical characterization of Silver nanoparticle and Ag-mesoporous MnO <sub>2</sub> nanocomposite for anti-microbial and anti-cancer activity. <i>Journal of Molecular Liquids</i> , 2017, 243, 348-357.	2.3	22
43	One-pot sonochemical synthesis of Bi <sub>2</sub> WO <sub>6</sub> nanospheres with multilayer reduced graphene nanosheets modified electrode as rapid electrochemical sensing platform for high sensitive detection of oxidative stress biomarker in biological sample. <i>Ultrasonics Sonochemistry</i> , 2019, 57, 233-241.	3.8	22
44	A Novel Approach in Hybrid Energy Storage System for Maximizing Solar PV Energy Penetration in Microgrid. <i>International Journal of Photoenergy</i> , 2022, 2022, 1-7.	1.4	22
45	Highly sensitive determination of cancer toxic mercury ions in biological and human sustenance samples based on green and robust synthesized stannic oxide nanoparticles decorated reduced graphene oxide sheets. <i>Analytica Chimica Acta</i> , 2020, 1137, 181-190.	2.6	21
46	Synthesis and characterization of metal chalcogenide modified graphene oxide sandwiched manganese oxide nanofibers on nickel foam electrodes for high performance supercapacitor applications. <i>Journal of Alloys and Compounds</i> , 2021, 850, 156346.	2.8	21
47	A Green approach: synthesis, characterization and opto-magnetic properties of Mg <sub>x</sub> Mn <sub>1-x</sub> Fe <sub>2</sub> O <sub>4</sub> spinel nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 10321-10329.	1.1	20
48	Ultrasound-assisted synthesis of $\text{Fe-MnS}$ (alabandite) nanoparticles decorated reduced graphene oxide hybrids: Enhanced electrocatalyst for electrochemical detection of Parkinson's disease biomarker. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 378-385.	3.8	20
49	Investigation of sonochemically synthesized sphere-like metal tungstate nanocrystals decorated activated carbon sheets network and its application towards highly sensitive detection of arsenic drug in biological samples. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 114, 211-219.	2.7	20
50	Selective synthesis of dioxolane biofuel additive via acetalization of glycerol and furfural enhanced by MCM-41-alanine bifunctional catalyst. <i>Fuel</i> , 2021, 288, 119573.	3.4	20
51	Manganese oxide nanocomposites with improved surface area prepared by one-pot surfactant route for electro catalytic and biosensor applications. <i>Journal of Porous Materials</i> , 2010, 17, 677-683.	1.3	19
52	Synthesis and structural characterization of Ga-ZnO nanodisk/nanorods formation by polymer assisted hydrothermal process. <i>Powder Technology</i> , 2013, 239, 308-313.	2.1	19
53	Microwave-assisted synthesis of gadolinium(III) oxide decorated reduced graphene oxide nanocomposite for detection of hydrogen peroxide in biological and clinical samples. <i>Journal of Electroanalytical Chemistry</i> , 2019, 837, 167-174.	1.9	18
54	Floating ZnO QDs-Modified TiO <sub>2</sub> /LLDPE Hybrid Polymer Film for the Effective Photodegradation of Tetracycline under Fluorescent Light Irradiation: Synthesis and Characterisation. <i>Molecules</i> , 2021, 26, 2509.	1.7	18

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55	Acid-base bifunctional SBA-15 as an active and selective catalyst for synthesis of ethyl $\hat{\pm}$ -cyanocinnamate via Knoevenagel condensation. <i>Microporous and Mesoporous Materials</i> , 2021, 320, 111091.	2.2	18
56	Effects of different additives with assistance of microwave heating for heavy metal stabilization in electronic industry sludge. <i>Chemosphere</i> , 2010, 78, 609-613.	4.2	17
57	Synthesis, characterization and catalytic activity of ionic liquid mimic halides modified MCM-41 for solvent free synthesis of phenyl glycidyl carbonate. <i>Materials Chemistry and Physics</i> , 2019, 233, 79-88.	2.0	17
58	Synthesis, characterization and catalytic sorption activity of various method prepared magnetite (Fe <sub>3</sub> O <sub>4</sub> ) for heavy metal stabilization in electronic industry sludge. <i>Chemosphere</i> , 2010, 78, 609-613.	2.8	16
59	Silver nanoparticle/graphene oxide deposited mesoporous-manganese oxide nanocomposite for pollutant removal and supercapacitor applications. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 15679-15688.	3.8	16
60	Unprecedented 2D GNR-CoB nanocomposite for detection and degradation of malachite green: A computational prediction of degradation pathway and toxicity. <i>Chemosphere</i> , 2022, 287, 132153.	4.2	16
61	Synthesis, Characterizations and Catalysis of Sulfated Silica and Nickel Modified Silica Catalysts for Diethyl Ether (DEE) Production from Ethanol towards Renewable Energy Applications. <i>Catalysts</i> , 2021, 11, 1511.	1.6	16
62	A novel nanocomposite with superior electrocatalytic activity: A magnetic property based ZnFe <sub>2</sub> O <sub>4</sub> nanocubes embellished with reduced graphene oxide by facile ultrasonic approach. <i>Ultrasonics Sonochemistry</i> , 2019, 57, 116-124.	3.8	14
63	Review on Carbon Nanotube Varieties for Healthcare Application: Effect of Preparation Methods and Mechanism Insight. <i>Processes</i> , 2020, 8, 1654.	1.3	14
64	Acetylation of glycerol over bimetallic Ag-Cu doped rice husk silica based biomass catalyst for bio-fuel additives application. <i>International Journal of Industrial Chemistry</i> , 2016, 7, 187-194.	3.1	13
65	Surface and Electrochemical Characterization of N-Fe-doped-TiO <sub>2</sub> Nanoparticle Prepared by Hydrothermal and Facile Electro-Deposition Method for Visible Light Driven Pollutant Removal. <i>International Journal of Electrochemical Science</i> , 2017, 12, 797-811.	0.5	13
66	Synthesis of MoS <sub>2</sub> nanoparticle deposited graphene/mesoporous MnOx nanocomposite for high performance super capacitor application. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 17121-17131.	3.8	13
67	Rapid sonochemical synthesis of silver nano-leaves encapsulated on iron pyrite nanocomposite: An excellent catalytic application in the electrochemical detection of herbicide (Acifluorfen). <i>Ultrasonics Sonochemistry</i> , 2019, 54, 90-98.	3.8	13
68	An improving aqueous dispersion of polydopamine functionalized vapor grown carbon fiber for the effective sensing electrode fabrication to chloramphenicol drug detection in food samples. <i>Microchemical Journal</i> , 2021, 170, 106675.	2.3	13
69	Construction of novel quaternary nanocomposite and its synergistic effect towards superior photocatalytic and antibacterial application. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106961.	3.3	13
70	Chitosan-Type Bioadditive-Modified Electronic Industry Waste Sludge for Heavy Metal Stabilization with Assistance of Microwave Heating. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 2557-2561.	1.8	12
71	Synthesis, characterization and catalytic activity of melamine immobilized MCM-41 for condensation reactions. <i>Journal of Porous Materials</i> , 2018, 25, 629-641.	1.3	12
72	Facile sonochemical synthesis of silver nanoparticle and graphene oxide deposition on bismuth doped manganese oxide nanotube composites for electro-catalytic sensor and oxygen reduction reaction (ORR) applications. <i>Intermetallics</i> , 2021, 131, 107101.	1.8	12

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73	FeTiO <sub>3</sub> Perovskite Nanoparticles for Efficient Electrochemical Water Splitting. <i>Catalysts</i> , 2021, 11, 1028.	1.6	12
74	High-power ultrasonic-assisted phenol and dye degradation on porous manganese oxide doped titanium dioxide catalysts. <i>Kinetics and Catalysis</i> , 2009, 50, 741-747.	0.3	10
75	Platinum nanoparticle decorated rutile titania synthesized by surfactant free hydrothermal method for visible light catalysis for dye degradation and hydrogen production study. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23959-23968.	3.8	10
76	Selective synthesis of triacetyl glyceride biofuel additive via acetylation of glycerol over NiO-supported TiO <sub>2</sub> catalyst enhanced by non-microwave instant heating. <i>Applied Surface Science</i> , 2021, 545, 149017.	3.1	10
77	Automatic Detection and Segmentation of Colorectal Cancer with Deep Residual Convolutional Neural Network. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-8.	0.5	9
78	Synthesis and characterization of novel metal chalcogenide modified Ni-Co-MnO <sub>2</sub> nanofibers rolled with graphene based visible light active catalyst for nitro phenol degradation. <i>Optik</i> , 2020, 224, 165538.	1.4	8
79	Antibacterial Activity and Electrical Properties of Gold Nanoparticle Doped Ceria-Rice Husk Silica (Au/Ce-Silica) Nanocomposites Derived From Biomass. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 304-308.	0.6	7
80	Synthesis and characterization of Photochromic inkless coating based on WO <sub>3</sub> -Titania nanocomposite under sun light and solar simulation condition. <i>Optik</i> , 2021, 228, 166145.	1.4	7
81	Design of copper (II) oxide nanoflakes decorated with molybdenum disulfide@reduced graphene oxide composite as an electrode for high performance supercapacitor. <i>Synthetic Metals</i> , 2021, 278, 116843.	2.1	7
82	Preparation and surface characterization of nanodisk/nanoflower-structured gallium-doped zinc oxide as a catalyst for sensor applications. <i>Chinese Journal of Catalysis</i> , 2016, 37, 1235-1241.	6.9	6
83	Cellulose Acetate/N-TiO <sub>2</sub> Biocomposite Flexible Films with Enhanced Solar Photochromic Properties. <i>Journal of Electronic Materials</i> , 2017, 46, 4567-4574.	1.0	6
84	Facile sonochemical synthesis of Nanoparticle modified Bi-MnO <sub>x</sub> and Fe <sub>3</sub> O <sub>4</sub> deposited Bi-MnO <sub>x</sub> Nanocomposites for Sensor and Pollutant Degradation Application. <i>Journal of Alloys and Compounds</i> , 2021, 859, 158263.	2.8	6
85	Design and development of defect rich titania nanostructure for efficient electrocatalyst for hydrogen evolution reaction in an acidic electrolyte. <i>Journal of Materials Research and Technology</i> , 2021, 14, 2739-2750.	2.6	6
86	Anti-Methanogenic Effect of Phytochemicals on Methyl-Coenzyme M Reductase Potential: In Silico and Molecular Docking Studies for Environmental Protection. <i>Micromachines</i> , 2021, 12, 1425.	1.4	6
87	Highly efficient non-microwave instant heating synthesis of hexyl levulinate fuel additive enhanced by sulfated nanosilica catalyst. <i>Microporous and Mesoporous Materials</i> , 2022, 331, 111645.	2.2	6
88	Synthesis of New Hybrid Structured Magnetite Crosslinked Poly Ionic Liquid for Efficient Removal of Coomassie Brilliant Blue R-250 Dye in Aqueous Medium. <i>Molecules</i> , 2022, 27, 441.	1.7	6
89	Facile synthesis of heterostructure NiO@SnO <sub>2</sub> nanocomposite for selective electrochemical determination of l-cysteine. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 6592-6602.	1.1	6
90	Preparation, textural and photoluminescence characterization of green fluorescence protein-immobilised Ga-ZnO (GZO)-nanocomposites. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 165, 202-212.	1.7	5

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91	Polymer surfactant (Triton-100) assisted low cost method for preparing silver and graphene oxide modified Bi-MnO <sub>x</sub> nanocomposite for enhanced sensor and anti-microbial health care applications. Journal of Sol-Gel Science and Technology, 2021, 97, 638-650.	1.1	5
92	Characterization of Pure Rutile Titania Nanoparticle Prepared by Feasible Method for Coatings and Visible Light-Driven Dye Removal Application. Coatings, 2021, 11, 1150.	1.2	5
93	Rapid synthesis and magnetic property characterization of Mg <sup>2+</sup> doped Co <sub>3</sub> O <sub>4</sub> nanostructures. Inorganic and Nano-Metal Chemistry, 2022, 52, 996-1002.	0.9	5
94	Facile microwave synthesis, structural, optical, and magnetic properties of Zn <sup>2+</sup> doped CoAl <sub>2</sub> O <sub>4</sub> spinel nanoparticles. Inorganic and Nano-Metal Chemistry, 2023, 53, 267-276.	0.9	5
95	Effect of Synthesis Conditions on Formation, Electrical Properties, and Seebeck Coefficient of p-Type Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> Thermoelectric Ceramics. Journal of Electronic Materials, 2017, 46, 1787-1793.	1.0	4
96	Phenotypic Assessment of Probiotic and Bacteriocinogenic Efficacy of Indigenous LAB Strains from Human Breast Milk. Current Issues in Molecular Biology, 2022, 44, 731-749.	1.0	4
97	Ag-ZnO Incorporated Silica Based Bio-Nanocomposite Prepared by Low Cost Method for Photocatalytic Dye Degradation. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 741-746.	0.6	3
98	Preparation and Characterization of Mg Doped ZnAl <sub>2</sub> O <sub>4</sub> Spinel Nanoparticles. Journal of Nanoscience and Nanotechnology, 2021, 21, 5659-5665.	0.9	3
99	Preparation, characterization, and morphology insight of ZnO nanodisk@TiO <sub>2</sub> coated SWCNT thin film composites for catalytic sensor application. Surface and Interface Analysis, 2021, 53, 395-405.	0.8	3
100	Isolation, Expansion, and Characterization of Placenta Originated <i>Decidua Basalis</i> -Derived Mesenchymal Stromal Cells. ACS Omega, 2021, 6, 35538-35547.	1.6	3
101	Electrochemical determination of hydrazine using facilely synthesized Sn-decorated $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles modified electrode. Journal of Materials Science: Materials in Electronics, 2022, 33, 13593-13603.	1.1	3
102	Influence of a compressive strain on the high-temperature thermoelectric properties of europium orthoferrite. Semiconductor Science and Technology, 2021, 36, 065017.	1.0	2
103	Synthesis and Characterization of Pyridine-Grafted Copolymers of Acrylic Acid@Styrene Derivatives for Antimicrobial and Fluorescence Applications. Micromachines, 2021, 12, 672.	1.4	2
104	Influence of Aluminum Silicate and Cerium (IV) Oxide Nanofluid on Pool Boiling Characteristics. International Journal of Photoenergy, 2022, 2022, 1-11.	1.4	2
105	Undecacarbonyl-1 <sup>3</sup> C, 2 <sup>4</sup> C, 3 <sup>4</sup> C-[tris(2-chloroethyl) phosphite-1 <sup>3</sup> P]-triangulo-triruthenium(0). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1191-m1192.	0.2	0
106	Synthesis, Structural and Sensor Characterization of Ga-ZnO Nanodisk/Nanorods Prepared by One Step Polymer Assisted Hydrothermal Process on AlN/Si Substrate. Materials Science Forum, 0, 756, 251-258.	0.3	0
107	MWCNT/Alumina Nanocomposite Characterization and Toughening Mechanism of Uniform Dispersion. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 1050-1053.	0.6	0