

Jothi Ramalingam Rajabathar

List of Publications by Year in descending order

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107
papers

3,387
citations

159525

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168321

53
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111
all docs

111
docs citations

111
times ranked

3925
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile microwave synthesis, structural, optical, and magnetic properties of Zn ²⁺ doped CoAl ₂ O ₄ spinel nanoparticles. Inorganic and Nano-Metal Chemistry, 2023, 53, 267-276.	0.9	5
2	Unprecedented 2D GNR-CoB nanocomposite for detection and degradation of malachite green – A computational prediction of degradation pathway and toxicity. Chemosphere, 2022, 287, 132153.	4.2	16
3	Highly efficient non-microwave instant heating synthesis of hexyl levulinate fuel additive enhanced by sulfated nanosilica catalyst. Microporous and Mesoporous Materials, 2022, 331, 111645.	2.2	6
4	Construction of novel quaternary nanocomposite and its synergistic effect towards superior photocatalytic and antibacterial application. Journal of Environmental Chemical Engineering, 2022, 10, 106961.	3.3	13
5	Synthesis of New Hybrid Structured Magnetite Crosslinked Poly Ionic Liquid for Efficient Removal of Coomassie Brilliant Blue R-250 Dye in Aqueous Medium. Molecules, 2022, 27, 441.	1.7	6
6	A Novel Approach in Hybrid Energy Storage System for Maximizing Solar PV Energy Penetration in Microgrid. International Journal of Photoenergy, 2022, 2022, 1-7.	1.4	22
7	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
8	Facile synthesis of heterostructure NiO@SnO ₂ nanocomposite for selective electrochemical determination of l-cysteine. Journal of Materials Science: Materials in Electronics, 2022, 33, 6592-6602.	1.1	6
9	Influence of Aluminum Silicate and Cerium (IV) Oxide Nanofluid on Pool Boiling Characteristics. International Journal of Photoenergy, 2022, 2022, 1-11.	1.4	2
10	Rapid synthesis and magnetic property characterization of Mg ²⁺ doped Co ₃ O ₄ nanostructures. Inorganic and Nano-Metal Chemistry, 2022, 52, 996-1002.	0.9	5
11	Automatic Detection and Segmentation of Colorectal Cancer with Deep Residual Convolutional Neural Network. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-8.	0.5	9
12	Electrochemical determination of hydrazine using facilely synthesized Sn-decorated α -Fe ₂ O ₃ nanoparticles modified electrode. Journal of Materials Science: Materials in Electronics, 2022, 33, 13593-13603.	1.1	3
13	Synthesis and characterization of metal chalcogenide modified graphene oxide sandwiched manganese oxide nanofibers on nickel foam electrodes for high performance supercapacitor applications. Journal of Alloys and Compounds, 2021, 850, 156346.	2.8	21
14	Synergic effect of Cu ₂ O/MoS ₂ /rGO for the sonophotocatalytic degradation of tetracycline and ciprofloxacin antibiotics. Ceramics International, 2021, 47, 4226-4237.	2.3	58
15	Selective synthesis of dioxolane biofuel additive via acetalization of glycerol and furfural enhanced by MCM-41-alanine bifunctional catalyst. Fuel, 2021, 288, 119573.	3.4	20
16	Synthesis and characterization of Photochromic inkless coating based on WO ₃ -Titania nanocomposite under sun light and solar simulation condition. Optik, 2021, 228, 166145.	1.4	7
17	Facile sonochemical synthesis of Nanoparticle modified Bi-MnOx and Fe ₃ O ₄ deposited Bi-MnOx Nanocomposites for Sensor and Pollutant Degradation Application. Journal of Alloys and Compounds, 2021, 859, 158263.	2.8	6
18	Review on Carbon Dioxide Utilization for Cycloaddition of Epoxides by Ionic Liquid-Modified Hybrid Catalysts: Effect of Influential Parameters and Mechanisms Insight. Catalysts, 2021, 11, 4.	1.6	30

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19	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
20	A review of the recent progress on heterogeneous catalysts for Knoevenagel condensation. <i>Dalton Transactions</i> , 2021, 50, 4445-4469.	1.6	95
21	Polymer surfactant (Triton-100) assisted low cost method for preparing silver and graphene oxide modified Bi-MnO _x nanocomposite for enhanced sensor and anti-microbial health care applications. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 97, 638-650.	1.1	5
22	Floating ZnO QDs-Modified TiO ₂ /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
23	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
24	Selective synthesis of triacetyl glyceride biofuel additive via acetylation of glycerol over NiO-supported TiO ₂ catalyst enhanced by non-microwave instant heating. <i>Applied Surface Science</i> , 2021, 545, 149017.	3.1	10
25	Crystal stabilization of 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
26	Influence of a compressive strain on the high-temperature thermoelectric properties of europium orthoferrite. <i>Semiconductor Science and Technology</i> , 2021, 36, 065017.	1.0	2
27	Synthesis and Characterization of Pyridine-Grafted Copolymers of Acrylic Acid—Styrene Derivatives for Antimicrobial and Fluorescence Applications. <i>Micromachines</i> , 2021, 12, 672.	1.4	2
28	Acid-base bifunctional SBA-15 as an active and selective catalyst for synthesis of ethyl α -cyanocinnamate via Knoevenagel condensation. <i>Microporous and Mesoporous Materials</i> , 2021, 320, 111091.	2.2	18
29	FeTiO ₃ Perovskite Nanoparticles for Efficient Electrochemical Water Splitting. <i>Catalysts</i> , 2021, 11, 1028.	1.6	12
30	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
31	Characterization of Pure Rutile Titania Nanoparticle Prepared by Feasible Method for Coatings and Visible Light-Driven Dye Removal Application. <i>Coatings</i> , 2021, 11, 1150.	1.2	5
32	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
33	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
34	Preparation and Characterization of Mg Doped ZnAl ₂ O ₄ Spinel Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 5659-5665.	0.9	3
35	Preparation, characterization, and morphology insight of ZnO nanodisk—TiO ₂ coated SWCNT thin film composites for catalytic sensor application. <i>Surface and Interface Analysis</i> , 2021, 53, 395-405.	0.8	3
36	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

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37	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
38	Isolation, Expansion, and Characterization of Placenta Originated <i>Decidua Basalis</i> -Derived Mesenchymal Stromal Cells. <i>ACS Omega</i> , 2021, 6, 35538-35547.	1.6	3
39	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
40	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
41	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
42	Synthesis and characterization of novel metal chalcogenide modified Ni-Co-MnO ₂ nanofibers rolled with graphene based visible light active catalyst for nitro phenol degradation. <i>Optik</i> , 2020, 224, 165538.	1.4	8
43	Review on Carbon Nanotube Varieties for Healthcare Application: Effect of Preparation Methods and Mechanism Insight. <i>Processes</i> , 2020, 8, 1654.	1.3	14
44	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
45	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
46	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
47	Novel sonochemical synthesis of Fe ₃ O ₄ 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
48	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
49	A novel electrochemical sensor for determination of DNA damage biomarker (8-hydroxy-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
50	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
51	A novel nanocomposite with superior electrocatalytic activity: A magnetic property based ZnFe ₂ O ₄ nanocubes embellished with reduced graphene oxide by facile ultrasonic approach. <i>Ultrasonics Sonochemistry</i> , 2019, 57, 116-124.	3.8	14
52	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
53	Developing green sonochemical approaches towards the synthesis of highly integrated and interconnected carbon nanofiber decorated with Sm ₂ O ₃ nanoparticles and their use in the electrochemical detection of toxic 4-nitrophenol. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104595.	3.8	31
54	One-pot sonochemical synthesis of Bi ₂ WO ₆ 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

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55	Facile sonochemical synthesis of perovskite-type SrTiO ₃ nanocubes with reduced graphene oxide nanocatalyst for an enhanced electrochemical detection of L-tryptophan. <i>Ultrasonics Sonochemistry</i> , 2019, 56, 193-199.	3.8	96
56	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
57	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
58	Ultrasound-assisted synthesis of 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
59	Facile synthesis of mesoporous WS ₂ 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
60	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
61	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
62	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
63	A relative study on sonochemically synthesized mesoporous WS ₂ nanorods & hydrothermally synthesized WS ₂ nanoballs towards electrochemical sensing of psychoactive drug (Clonazepam). <i>Ultrasonics Sonochemistry</i> , 2019, 54, 79-89.	3.8	32
64	Facile synthesis and characterization of erbium oxide (Er ₂ O ₃) 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
65	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
66	Green Synthesis of Co ₃ O ₄ Nanorods for Highly Efficient Catalytic, Photocatalytic, and Antibacterial Activities. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2590-2598.	0.9	25
67	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
68	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
69	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
70	Okra extract-assisted green synthesis of CoFe ₂ O ₄ nanoparticles and their optical, magnetic, and antimicrobial properties. <i>Materials Chemistry and Physics</i> , 2018, 204, 410-419.	2.0	138
71	Highly efficient green mesostructured urea functionalized on SBA-15 catalysts for selective synthesis of benzilidenmalononitrile. <i>Microporous and Mesoporous Materials</i> , 2018, 256, 67-74.	2.2	40
72	Synthesis of MoS ₂ 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

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73	Synthesis, characterization and catalytic sorption activity of various method prepared magnetite (Fe ₃ O ₄) nanoparticles. Journal of Electronic Materials, 2017, 46, 1077-1085.	2.8	16
74	Effect of Synthesis Conditions on Formation, Electrical Properties, and Seebeck Coefficient of p-Type Ca ₃ Co ₄ O ₉ Thermoelectric Ceramics. Journal of Electronic Materials, 2017, 46, 1787-1793.	1.0	4
75	A Green approach: synthesis, characterization and opto-magnetic properties of Mg _x Mn _{1-x} Fe ₂ O ₄ spinel nanoparticles. Journal of Materials Science: Materials in Electronics, 2017, 28, 10321-10329.	1.1	20
76	Silver nanoparticle/r-graphene oxide deposited mesoporous-manganese oxide nanocomposite for pollutant removal and supercapacitor applications. International Journal of Hydrogen Energy, 2017, 42, 15679-15688.	3.8	16
77	Comparative investigation on the structural, morphological, optical, and magnetic properties of CoFe ₂ O ₄ nanoparticles. Ceramics International, 2017, 43, 7682-7689.	2.3	50
78	Studies on Opuntia dillenii haw mediated multifunctional ZnFe ₂ O ₄ nanoparticles: Optical, magnetic and catalytic applications. Materials Chemistry and Physics, 2017, 194, 153-164.	2.0	55
79	Green synthesis of Ag nanoparticles using Tamarind fruit extract for the antibacterial studies. Journal of Photochemistry and Photobiology B: Biology, 2017, 169, 178-185.	1.7	183
80	Bioreduction potentials of dried root of Zingiber officinale for a simple green synthesis of silver nanoparticles: Antibacterial studies. Journal of Photochemistry and Photobiology B: Biology, 2017, 177, 62-68.	1.7	128
81	Synthesis, characterization and optical properties of sulfur and fluorine doped ZnO nanostructures for visible light utilized catalysis. Optik, 2017, 148, 325-331.	1.4	24
82	Synthesis and bio-physical characterization of Silver nanoparticle and Ag-mesoporous MnO ₂ nanocomposite for anti-microbial and anti-cancer activity. Journal of Molecular Liquids, 2017, 243, 348-357.	2.3	22
83	A novel synthesis protocol for Co ₃ O ₄ nanocatalysts and their catalytic applications. RSC Advances, 2017, 7, 38861-38870.	1.7	71
84	Efficient synthesis of butyl levulinate from furfuryl alcohol over ordered mesoporous Ti-KIT-6 catalysts for green chemistry applications. RSC Advances, 2017, 7, 55206-55214.	1.7	26
85	Cellulose Acetate/N-TiO ₂ Biocomposite Flexible Films with Enhanced Solar Photochromic Properties. Journal of Electronic Materials, 2017, 46, 4567-4574.	1.0	6
86	Surface and Electrochemical Characterization of N-Fe-doped-TiO ₂ Nanoparticle Prepared by Hydrothermal and Facile Electro-Deposition Method for Visible Light Driven Pollutant Removal. International Journal of Electrochemical Science, 2017, 12, 797-811.	0.5	13
87	Studies on the efficient dual performance of Mn _{1-x} Ni _x Fe ₂ O ₄ spinel nanoparticles in photodegradation and antibacterial activity. Journal of Photochemistry and Photobiology B: Biology, 2016, 165, 121-132.	1.7	127
88	Preparation and surface characterization of nanodisk/nanoflower-structured gallium-doped zinc oxide as a catalyst for sensor applications. Chinese Journal of Catalysis, 2016, 37, 1235-1241.	6.9	6
89	Preparation, textural and photoluminescence characterization of green fluorescence protein-immobilised Ga-ZnO (GZO)-nanocomposites. Journal of Photochemistry and Photobiology B: Biology, 2016, 165, 202-212.	1.7	5
90	Acetylation of glycerol over bimetallic Ag-Cu doped rice husk silica based biomass catalyst for bio-fuel additives application. International Journal of Industrial Chemistry, 2016, 7, 187-194.	3.1	13

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91	Ag-ZnO Incorporated Silica Based Bio-Nanocomposite Prepared by Low Cost Method for Photocatalytic Dye Degradation. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 741-746.	0.6	3
92	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
93	MWCNT/Alumina Nanocomposite Characterization and Toughening Mechanism of Uniform Dispersion. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014, 44, 1050-1053.	0.6	0
94	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
95	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
96	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
97	Undecacarbonyl-1 \hat{r} 3C,2 \hat{r} 4C,3 \hat{r} 4C-[tris(2-chloroethyl) phosphite-1 \hat{r} P]-triangulo-triruthenium(0). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1191-m1192.	0.2	0
98	Chitosan-Type Bioadditive-Modified Electronic Industry Waste Sludge for Heavy Metal Stabilization with Assistance of Microwave Heating. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 2557-2561.	1.8	12
99	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
100	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
101	Review of Recent Developments in Solid Acid, Base, and Enzyme Catalysts (Heterogeneous) for Biodiesel Production via Transesterification. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 6162-6172.	1.8	182
102	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
103	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
104	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
105	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
106	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
107	Synthesis, Structural and Sensor Characterization of Ga-ZnO Nanodisk/Nanorods Prepared by One Step Polymer Assisted Hydrothermal Process on AlN/Si Substrate. <i>Materials Science Forum</i> , 0, 756, 251-258.	0.3	0