

Saravanan Rajendran

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Recent Strategies on Hybrid Inorganic-Graphene Materials for Enhancing the Electrocatalytic Activity Towards Heavy Metal Detection. <i>Topics in Catalysis</i> , 2022, 65, 604-614.	1.3	3
2	Recent advances in carbon nitride-based nanomaterials for hydrogen production and storage. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 37490-37516.	3.8	11
3	A facile template synthesis of phosphorus-doped graphitic carbon nitride hollow structures with high photocatalytic hydrogen production activity. <i>Materials Chemistry and Physics</i> , 2022, 275, 125299.	2.0	15
4	Current advances in microbial fuel cell technology toward removal of organic contaminants – A review. <i>Chemosphere</i> , 2022, 287, 132186.	4.2	39
5	A critical review on various remediation approaches for heavy metal contaminants removal from contaminated soils. <i>Chemosphere</i> , 2022, 287, 132369.	4.2	246
6	A critical review on relationship of CeO ₂ -based photocatalyst towards mechanistic degradation of organic pollutant. <i>Chemosphere</i> , 2022, 286, 131651.	4.2	147
7	Investigation of mechanism of heavy metals (Cr ⁶⁺ , Pb ²⁺ & Zn ²⁺) adsorption from aqueous medium using rice husk ash: Kinetic and thermodynamic approach. <i>Chemosphere</i> , 2022, 286, 131796.	4.2	78
8	Occurrences and removal of pharmaceutical and personal care products from aquatic systems using advanced treatment- A review. <i>Environmental Research</i> , 2022, 204, 112298.	3.7	79
9	Generation of novel n-p-n (CeO ₂ -PPy-ZnO) heterojunction for photocatalytic degradation of micro-organic pollutants. <i>Environmental Pollution</i> , 2022, 292, 118375.	3.7	62
10	Hybrid metal organic frameworks as an Exotic material for the photocatalytic degradation of pollutants present in wastewater: A review. <i>Chemosphere</i> , 2022, 288, 132448.	4.2	46
11	A review of recent progress on photocatalytic carbon dioxide reduction into sustainable energy products using carbon nitride. <i>Chemical Engineering Research and Design</i> , 2022, 177, 304-320.	2.7	14
12	Nanoflower-like Ti ₃ CN@TiO ₂ /CdS heterojunction photocatalyst for efficient photocatalytic water splitting. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 19580-19589.	3.8	27
13	Engineering strategies and opportunities of next generation biofuel from microalgae: A perspective review on the potential bioenergy feedstock. <i>Fuel</i> , 2022, 312, 122827.	3.4	57
14	Boosting visible-light hydrogen evolution on CdS hollow nanospheres with CoN as cocatalyst. <i>Fuel</i> , 2022, 316, 123307.	3.4	21
15	A long-standing polarized electric field in TiO ₂ @BaTiO ₃ /CdS nanocomposite for effective photocatalytic hydrogen evolution. <i>Fuel</i> , 2022, 314, 122758.	3.4	20
16	Advanced integrated nanocatalytic routes for converting biomass to biofuels: A comprehensive review. <i>Fuel</i> , 2022, 314, 122762.	3.4	28
17	Nanochemistry approach for the fabrication of Fe and N co-decorated biomass-derived activated carbon frameworks: a promising oxygen reduction reaction electrocatalyst in neutral media. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 429-439.	5.3	171
18	A review of graphene-based semiconductors for photocatalytic degradation of pollutants in wastewater. <i>Chemosphere</i> , 2022, 300, 134391.	4.2	76

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19	Surface modification of TiO ₂ by adding V ₂ O ₅ nanocatalytic system for hydrogen generation. <i>Chemical Engineering Research and Design</i> , 2022, 182, 114-119.	2.7	16
20	Functionalization of MXene-based nanomaterials for the treatment of micropollutants in aquatic system: A review. <i>Environmental Pollution</i> , 2022, 301, 119034.	3.7	24
21	Visible light stimulated binary nanostructure and defect enriched TiO ₂ -SnO ₂ for photocatalysis and antibacterial activity. <i>Materials Letters</i> , 2022, 316, 131998.	1.3	9
22	Nanoflower shaped NiO/CeO ₂ p-n junction material for the degradation of pollutant under visible light. <i>Materials Letters</i> , 2022, 317, 132122.	1.3	2
23	Microplastics in the environment: Recent developments in characteristic, occurrence, identification and ecological risk. <i>Chemosphere</i> , 2022, 298, 134161.	4.2	38
24	Advancements on sustainable microbial fuel cells and their future prospects: A review. <i>Environmental Research</i> , 2022, 210, 112930.	3.7	26
25	The role of MOF based nanocomposites in the detection of phenolic compounds for environmental remediation- A review. <i>Chemosphere</i> , 2022, 300, 134516.	4.2	30
26	Halides and oxyhalides-based photocatalysts for abatement of organic water contaminants – An overview. <i>Environmental Research</i> , 2022, 212, 113149.	3.7	12
27	Recent development of organic-inorganic hybrid photocatalysts for biomass conversion into hydrogen production. <i>Nanoscale Advances</i> , 2022, 4, 2561-2582.	2.2	24
28	Role of nanotechnology for the conversion of lignocellulosic biomass into biopotent energy: A biorefinery approach for waste to value-added products. <i>Fuel</i> , 2022, 322, 124236.	3.4	20
29	A review on MXene and its nanocomposites for the detection of toxic inorganic gases. <i>Chemosphere</i> , 2022, 302, 134933.	4.2	24
30	Tailoring the heterojunction of TiO ₂ with multivalence CeO ₂ nanocrystals - for detection of toxic 2-aminophenol. <i>Food and Chemical Toxicology</i> , 2022, 165, 113182.	1.8	7
31	Recent developments on graphene and its derivatives based electrochemical sensors for determinations of food contaminants. <i>Food and Chemical Toxicology</i> , 2022, 165, 113169.	1.8	10
32	Recent trends and advancements in nanoporous membranes for water purification. <i>Chemosphere</i> , 2022, 303, 135205.	4.2	20
33	Sustainable applicability and environmental impact of wastewater treatment by emerging nanobiotechnological approach: Future strategy for efficient removal of contaminants and water purification. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 53, 102484.	1.7	8
34	Water-soluble graphitic carbon nitride for clean environmental applications. <i>Environmental Pollution</i> , 2021, 269, 116172.	3.7	26
35	Plant-derived silica nanoparticles and composites for biosensors, bioimaging, drug delivery and supercapacitors: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 1667-1691.	8.3	94
36	High-performance and stable Ru-Pd nanosphere catalyst supported on two-dimensional boron nitride nanosheets for the hydrogenation of furfural via water-mediated protonation. <i>Fuel</i> , 2021, 290, 119826.	3.4	31

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37	Metal/metal oxide nanocomposites for bactericidal effect: A review. <i>Chemosphere</i> , 2021, 272, 128607.	4.2	87
38	Magnetically Recoverable Graphene Oxide Wrapped CuCo ₂ S ₄ /Iron Oxides Composites for Supercapacitor Application and Fenton Degradation of Organic Molecules. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1978-1991.	1.9	3
39	Green Synthesis of Zinc Oxide Nanoparticles by <i>Justicia adhatoda</i> Leaves and Their Antimicrobial Activity. <i>Chemical Engineering and Technology</i> , 2021, 44, 551-558.	0.9	41
40	Metal organic framework derived magnetically recoverable CuFe ₂ O ₄ porous cubes for efficient photocatalytic application. <i>Inorganic Chemistry Communication</i> , 2021, 125, 108405.	1.8	20
41	Review—Metal Organic Framework Based Nanomaterials for Electrochemical Sensing of Toxic Heavy Metal Ions: Progress and Their Prospects. <i>Journal of the Electrochemical Society</i> , 2021, 168, 037513.	1.3	55
42	The war using microbes: A sustainable approach for wastewater management. <i>Environmental Pollution</i> , 2021, 275, 116598.	3.7	31
43	Photocatalytic degradation of 2,4-dichlorophenol using bio-green assisted TiO ₂ @CeO ₂ nanocomposite system. <i>Environmental Research</i> , 2021, 195, 110852.	3.7	26
44	Effective removal of malachite green dye from aqueous solution in hybrid system utilizing agricultural waste as particle electrodes. <i>Chemosphere</i> , 2021, 273, 129634.	4.2	42
45	Recent advancements of spinel ferrite based binary nanocomposite photocatalysts in wastewater treatment. <i>Chemosphere</i> , 2021, 274, 129734.	4.2	86
46	Self-assembled dendrite-like 3D-CeO ₂ nanostructures for non-enzymatic vitamin B ₂ sensor. <i>Materials Letters</i> , 2021, 295, 129834.	1.3	9
47	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2021, 184, 113252.	5.3	343
48	Green synthesis of white light emitting carbon quantum dots: Fabrication of white fluorescent film and optical sensor applications. <i>Journal of Hazardous Materials</i> , 2021, 416, 125091.	6.5	39
49	CuO-ZnO-PANI a lethal p-n-p combination in degradation of 4-chlorophenol under visible light. <i>Journal of Hazardous Materials</i> , 2021, 416, 125989.	6.5	14
50	Intensification of toxic chlorophenolic compounds degradation over efficient microwave-dried silica-doped tetragonal zirconia nanocatalysts. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 165, 108469.	1.8	10
51	Recent progress in green and biopolymer based photocatalysts for the abatement of aquatic pollutants. <i>Environmental Research</i> , 2021, 199, 111324.	3.7	24
52	Visible light driven exotic p (CuO) - n (TiO ₂) heterojunction for the photodegradation of 4-chlorophenol and antibacterial activity. <i>Environmental Pollution</i> , 2021, 287, 117304.	3.7	42
53	Cultivation of <i>Chlorella vulgaris</i> on dairy waste using vision imaging for biomass growth monitoring. <i>Bioresource Technology</i> , 2021, 341, 125892.	4.8	14
54	A review on recent advancements in photocatalytic remediation for harmful inorganic and organic gases. <i>Chemosphere</i> , 2021, 284, 131344.	4.2	35

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55	Guanine-Based DNA Biosensor Amplified with Pt/SWCNTs Nanocomposite as Analytical Tool for Nanomolar Determination of Daunorubicin as an Anticancer Drug: A Docking/Experimental Investigation. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 816-823.	1.8	358
56	Synthesis of novel AgCl loaded g-C3N5 with ultrahigh activity as visible light photocatalyst for pollutants degradation. <i>Chemical Physics Letters</i> , 2020, 738, 136862.	1.2	47
57	Principles and Mechanisms of Green Photocatalysis. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 1-24.	0.3	9
58	Low cost and quick time absorption of organic dye pollutants under ambient condition using partially exfoliated graphite. <i>Journal of Water Process Engineering</i> , 2020, 34, 101078.	2.6	33
59	Activation of prophenoloxidase and hyperglycemia as indicators of microbial stress in the blue swimmer crab <i>Portunus pelagicus</i> . <i>Marine Pollution Bulletin</i> , 2020, 160, 111711.	2.3	4
60	Nanosized Titania-Nickel mixed oxide for visible light photocatalytic activity. <i>Journal of Molecular Liquids</i> , 2020, 311, 113328.	2.3	12
61	Green polymeric nanomaterials for the photocatalytic degradation of dyes: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 1569-1580.	8.3	134
62	Tuning of metal oxides photocatalytic performance using Ag nanoparticles integration. <i>Journal of Molecular Liquids</i> , 2020, 314, 113588.	2.3	323
63	Facile synthesis of YbVO ₄ , and YVO ₄ nanostructures through MOF route for photocatalytic applications. <i>Inorganic Chemistry Communication</i> , 2020, 115, 107855.	1.8	18
64	Facile synthesis of paper based graphene electrodes for point of care devices: A double stranded DNA (dsDNA) biosensor. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 463-472.	5.0	232
65	An amplified voltammetric sensor based on platinum nanoparticle/polyoxometalate/two-dimensional hexagonal boron nitride nanosheets composite and ionic liquid for determination of N-hydroxysuccinimide in water samples. <i>Journal of Molecular Liquids</i> , 2020, 310, 113185.	2.3	248
66	Photocatalysts for Indoor Air Pollution: A Brief Review. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 247-274.	0.3	4
67	Photosynthesis of H ₂ and its storage on the Bandgap Engineered Mesoporous (Ni ²⁺ /Ni ³⁺)O @ TiO ₂ heterostructure. <i>Journal of Power Sources</i> , 2020, 466, 228305.	4.0	23
68	Horseradish Peroxidase-Immobilized Graphene Oxide-Chitosan Gold Nanocomposites as Highly Sensitive Electrochemical Biosensor for Detection of Hydrogen Peroxide. <i>Journal of the Electrochemical Society</i> , 2020, 167, 147517.	1.3	17
69	Green Photocatalyst for Diverge Applications. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 1-18.	0.3	1
70	Electrochemistry: Different Materials and Applications: An Overview. , 2020, , 1-24.		0
71	Bismuth Enriched Materials for Pseudo Capacitor Applications. , 2020, , .		1
72	Functional nanomaterial in energy and environmental science. , 2020, , 1-23.		2

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73	SiC x /TiC x Nanostructured Material from Ti 3 SiC 2 for High Rate Performance of Lithium Storage. ChemistrySelect, 2019, 4, 7766-7772.	0.7	7
74	Enhanced photo-induced catalytic activity of Cu ion doped ZnO - Graphene ternary nanocomposite for degrading organic dyes. Journal of Water Process Engineering, 2019, 32, 100966.	2.6	27
75	Heterostructures of mesoporous TiO2 and SnO2 nanocatalyst for improved electrochemical oxidation ability of vitamin B6 in pharmaceutical tablets. Journal of Colloid and Interface Science, 2019, 542, 45-53.	5.0	35
76	Visible Light-Driven Photocatalytic H ₂ Generation and Mechanism Insights into Bi ₂ O ₃ /CO ₃ /G-C ₃ N ₄ Z-Scheme Photocatalyst. Journal of Physical Chemistry C, 2019, 123, 4795-4804.	1.5	71
77	Green Synthesis of Silver Nanoparticle from Datura innoxia Flower Extract and Its Cytotoxic Activity. BioNanoScience, 2019, 9, 564-572.	1.5	24
78	Nanosized Fe ₃ O ₄ incorporated on a TiO ₂ surface for the enhanced photocatalytic degradation of organic pollutants. Journal of Molecular Liquids, 2019, 287, 110967.	2.3	56
79	Fabrication of amine functionalized graphene oxide AgNPs nanocomposite with improved dispersibility for reduction of 4-nitrophenol. Composites Part B: Engineering, 2019, 171, 302-309.	5.9	88
80	Current Role of Nanomaterials in Environmental Remediation. Environmental Chemistry for A Sustainable World, 2019, , 1-20.	0.3	12
81	Recent Trends in Nanomaterials for Sustainable Energy. Environmental Chemistry for A Sustainable World, 2019, , 1-20.	0.3	1
82	Influence of mesoporous defect induced mixed-valent NiO (Ni ²⁺ /Ni ³⁺)-TiO ₂ nanocomposite for non-enzymatic glucose biosensors. Sensors and Actuators B: Chemical, 2018, 264, 27-37.	4.0	88
83	Facile synthesis of graphene-AgVO ₃ nanocomposite with excellent supercapacitor performance. Materials Chemistry and Physics, 2018, 212, 30-34.	2.0	13
84	Hydrogen adsorption properties of Ag decorated TiO ₂ nanomaterials. International Journal of Hydrogen Energy, 2018, 43, 2861-2868.	3.8	35
85	Towards green synthesis of monodisperse Cu nanoparticles: An efficient and high sensitive electrochemical nitrite sensor. Sensors and Actuators B: Chemical, 2018, 266, 873-882.	4.0	133
86	Crystallinity and lowering band gap induced visible light photocatalytic activity of TiO ₂ /CS (Chitosan) nanocomposites. International Journal of Biological Macromolecules, 2018, 109, 1239-1245.	3.6	121
87	Simple and innovative method of removal of unfavourable root: technical note. Tropical Doctor, 2018, 48, 146-148.	0.2	0
88	Line defect Ce ³⁺ induced Ag/CeO ₂ /ZnO nanostructure for visible-light photocatalytic activity. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 353, 499-506.	2.0	73
89	Heterostructured Ti ₃ C ₂ /TiO ₂ g-C ₃ N ₄ Nanocomposites with Enhanced Visible-Light Photocatalytic Hydrogen Production Activity. ChemSusChem, 2018, 11, 4226-4236.	3.6	120
90	Core-Shell Nanostructured Fe ₃ O ₄ Poly(styrene-co-vinylbenzyl) Tj ETQq0 0 0 rgBT /Overlock 10 TF Omega, 2018, 3, 13685-13693.	1.6	13

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91	Mechanochemical synthesis of Ag/TiO ₂ for photocatalytic methyl orange degradation and hydrogen production. <i>Chemical Engineering Research and Design</i> , 2018, 120, 339-347.	2.7	106
92	WS ₂ and TiO ₂ Nanorods Acting as Effective Charge Separators on g-C ₃ N ₄ to Boost Visible-Light Activated Hydrogen Production from Seawater. <i>ChemSusChem</i> , 2018, 11, 4077-4085.	3.6	77
93	Degradation of azo dyes under different wavelengths of UV light with chitosan-SnO ₂ nanocomposites. <i>Journal of Molecular Liquids</i> , 2017, 232, 423-430.	2.3	102
94	Two-dimensional porous sheet-like carbon-doped ZnO/g-C ₃ N ₄ nanocomposite with high visible-light photocatalytic performance. <i>Materials Letters</i> , 2017, 189, 156-159.	1.3	99
95	Synthesis and characterization of metal oxides (CeO ₂ , CuO, NiO, Mn ₃ O ₄ , SnO ₂ and ZnO) nanoparticles as photo catalysts for degradation of textile dyes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 43-49.	1.7	168
96	Basic Principles, Mechanism, and Challenges of Photocatalysis. <i>Springer Series on Polymer and Composite Materials</i> , 2017, , 19-40.	0.5	112
97	Sonochemical synthesis of CuO nanostructures and their morphology dependent optical and visible light driven photocatalytic properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 2448-2457.	1.1	36
98	Notable photocatalytic activity of TiO ₂ -polyethylene nanocomposites for visible light degradation of organic pollutants. <i>EXPRESS Polymer Letters</i> , 2017, 11, 899-909.	1.1	60
99	Intermediate state created by dopant ions (Mn, Co and Zr) into TiO ₂ nanoparticles for degradation of dyes under visible light. <i>Journal of Molecular Liquids</i> , 2016, 223, 652-659.	2.3	67
100	Effect of Ag ⁺ and PO ₄ ³⁻ ratios on the microstructure and photocatalytic activity of Ag ₃ PO ₄ . <i>Functional Materials Letters</i> , 2016, 09, 1650063.	0.7	11
101	Ce ³⁺ -ion-induced visible-light photocatalytic degradation and electrochemical activity of ZnO/CeO ₂ nanocomposite. <i>Scientific Reports</i> , 2016, 6, 31641.	1.6	506
102	Fabrication of novel shape Cu and Cu/Cu ₂ O nanoparticles modified electrode for the determination of dopamine and paracetamol. <i>Journal of Molecular Liquids</i> , 2016, 221, 930-941.	2.3	332
103	Conducting PANI stimulated ZnO system for visible light photocatalytic degradation of coloured dyes. <i>Journal of Molecular Liquids</i> , 2016, 221, 1029-1033.	2.3	608
104	Preparation of nanosized yttrium doped CeO ₂ catalyst used for photocatalytic application. <i>Journal of Saudi Chemical Society</i> , 2015, 19, 505-510.	2.4	34
105	Visible light induced degradation of methyl orange using $\hat{1}^2$ -Ag _{0.333} V ₂ O ₅ nanorod catalysts by facile thermal decomposition method. <i>Journal of Saudi Chemical Society</i> , 2015, 19, 521-527.	2.4	106
106	ZnO/CdO nanocomposites for textile effluent degradation and electrochemical detection. <i>Journal of Molecular Liquids</i> , 2015, 209, 374-380.	2.3	163
107	ZnO/Ag/CdO nanocomposite for visible light-induced photocatalytic degradation of industrial textile effluents. <i>Journal of Colloid and Interface Science</i> , 2015, 452, 126-133.	5.0	579
108	ZnO/Ag/Mn ₂ O ₃ nanocomposite for visible light-induced industrial textile effluent degradation, uric acid and ascorbic acid sensing and antimicrobial activity. <i>RSC Advances</i> , 2015, 5, 34645-34651.	1.7	426

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109	Visible light degradation of textile effluent using novel catalyst ZnO/ β -Mn ₂ O ₃ . Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 1910-1917.	2.7	333
110	Preparation and characterization of V ₂ O ₅ /ZnO nanocomposite system for photocatalytic application. Journal of Molecular Liquids, 2014, 198, 409-412.	2.3	363
111	Mn ²⁺ ion influenced optical and photocatalytic behaviour of Mn ²⁺ /ZnS quantum dots prepared by a microwave assisted technique. RSC Advances, 2014, 4, 44592-44599.	1.7	75
112	Tailoring the electrical and dielectric properties of ZnO nanorods by substitution. Journal of Molecular Liquids, 2014, 193, 160-165.	2.3	76
113	Visible light induced degradation of methylene blue using CeO ₂ /V ₂ O ₅ and CeO ₂ /CuO catalysts. Materials Science and Engineering C, 2013, 33, 4725-4731.	3.8	465
114	Comparative study on photocatalytic activity of ZnO prepared by different methods. Journal of Molecular Liquids, 2013, 181, 133-141.	2.3	348
115	ZnO/Ag nanocomposite: An efficient catalyst for degradation studies of textile effluents under visible light. Materials Science and Engineering C, 2013, 33, 2235-2244.	3.8	525
116	Synthesis, characterization and photocatalytic activity of novel Hg doped ZnO nanorods prepared by thermal decomposition method. Journal of Molecular Liquids, 2013, 178, 88-93.	2.3	296
117	The photocatalytic activity of ZnO prepared by simple thermal decomposition method at various temperatures. Journal of Molecular Liquids, 2013, 177, 394-401.	2.3	459
118	Enhanced photocatalytic activity of ZnO/CuO nanocomposite for the degradation of textile dye on visible light illumination. Materials Science and Engineering C, 2013, 33, 91-98.	3.8	923
119	Synthesis and characterization of chitosan ²⁺ -silver nanocomposite. Applied Nanoscience (Switzerland), 2012, 2, 299-303.	1.6	175
120	Synthesis and characterization of ZnO and Ni doped ZnO nanorods by thermal decomposition method for spintronics application. Materials Characterization, 2012, 67, 10-16.	1.9	72
121	PHOTOCATALYTIC DEGRADATION OF ORGANIC DYE USING NANO ZnO. International Journal of Nanoscience, 2011, 10, 253-257.	0.4	19
122	Preparation and characterization of Hg doped ZnO nanorods. , 2011, , .		2
123	ZnO/CdO composite nanorods for photocatalytic degradation of methylene blue under visible light. Materials Chemistry and Physics, 2011, 125, 277-280.	2.0	239
124	PHOTOCATALYTIC DEGRADATION OF AQUEOUS METHYL ORANGE USING NANOTITANIA LOADED Mo-MCM-41. International Journal of Nanoscience, 2011, 10, 1131-1135.	0.4	1
125	Nano-Titania Photocatalyst Loaded on W-MCM-41 Support and Its Highly Efficient Degradation of Methylene Blue. , 2011, , .		0
126	Synthesis and Characterization of Nano-Titania Photocatalyst Loaded on Mo-MCM-41 Support. Advanced Science Letters, 2011, 4, 89-95.	0.2	9

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127	Photocatalytic Degradation of Organic Dyes Using ZnO/CeO ₂ Nanocomposite Material under Visible Light. <i>Advanced Materials Research</i> , 0, 584, 381-385.	0.3	29
128	Adsorptive removal of Pb(II) metal from aqueous medium using biogenically synthesized and magnetically recoverable core-shell structured AM@Cu/Fe ₃ O ₄ nanocomposite. , 0, 111, 278-285.		8
129	Photocatalytic degradation of organic dyes using nickel oxide incorporated titania nanocatalyst. , 0, 182, 359-364.		0