

Vengidusamy Narayanan

List of Publications by Year in descending order

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174
papers

6,251
citations

117453

34
h-index

74018

75
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176
all docs

176
docs citations

176
times ranked

7027
citing authors

#	ARTICLE	IF	CITATIONS
1	Global popularization of CuNiO ₂ and their rGO nanocomposite loveabled to the photocatalytic properties of methylene blue. Environmental Research, 2022, 204, 112338.	3.7	21
2	Rationally Designed Ag@polymer@2-D LDH Nanoflakes for Bifunctional Efficient Electrochemical Sensing of 4-Nitrophenol and Water Oxidation Reaction. ACS Applied Materials & Interfaces, 2022, 14, 6518-6527.	4.0	20
3	New development and photocatalytic performance and antimicrobial activity of $\hat{\pm}$ -NH ₄ (VO ₂)(HPO ₄) nanosheets. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 276, 121250.	2.0	4
4	Surface tuned Au-ZnO nanorods for enhanced electrochemical sensing ability towards the detection of gallic acid. Inorganic Chemistry Communication, 2022, 139, 109400.	1.8	6
5	Cross-linked chitosan/hydroxylated boron nitride nanocomposites for co-delivery of curcumin and 5-fluorouracil towards human colon cancer cells. Journal of the Iranian Chemical Society, 2021, 18, 317-329.	1.2	8
6	CS/Au/MWCNT nanohybrid as an efficient carrier for the sustained release of 5-FU and a study of its cytotoxicity on MCF-7. RSC Advances, 2021, 11, 4584-4592.	1.7	3
7	5-Fluorouracil and curcumin co-encapsulated chitosan/reduced graphene oxide nanocomposites against human colon cancer cell lines. Polymer Bulletin, 2020, 77, 213-233.	1.7	59
8	Mineralogical influence over the presence of primordial radionuclide along the industrial corridor of northern coastal region of Chennai. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 117-133.	0.7	7
9	Chitosan/reduced graphene oxide/Pd nanocomposites for co-delivery of 5-fluorouracil and curcumin towards HT-29 colon cancer cells. Polymer Bulletin, 2020, 77, 5681-5696.	1.7	23
10	Enhanced Photocatalytic Performance of Sn ₆ /SiO ₈ Nanoparticles and Their Reduced Graphene Oxide (rGO) Nanocomposite. Journal of Nanoscience and Nanotechnology, 2020, 20, 5426-5432.	0.9	5
11	Facile Synthesis of Phase Tunable MoO ₃ Nanostructures and Their Electrochemical Sensing Properties. Journal of Nanoscience and Nanotechnology, 2020, 20, 2823-2831.	0.9	7
12	Visible-Light Driven Effective Photocatalytic Degradation of Methylene Blue Dye Using Perforated Curly Zn _{0.1} Ni _{0.9} O Nanosheets. Journal of Nanoscience and Nanotechnology, 2020, 20, 5759-5764.	0.9	1
13	Hydrogen evolution reaction with transition metal molybdate as cathode material. AIP Conference Proceedings, 2019, , .	0.3	0
14	Luminescent carbon dots/chitosan nanocomposite for bioimaging. AIP Conference Proceedings, 2019, , .	0.3	0
15	Fabrication of Ag@Co-Al Layered Double Hydroxides Reinforced poly(o-phenylenediamine) Nanohybrid for Efficient Electrochemical Detection of 4-Nitrophenol, 2,4-Dinitrophenol and Uric acid at Nano Molar Level. Scientific Reports, 2019, 9, 13250.	1.6	28
16	Pseudocapacitive polycarbazole/Ag ₂ O nanocomposite for supercapacitor applications. AIP Conference Proceedings, 2019, , .	0.3	2
17	Bifunctional hexagonal Ni/NiO nanostructures: influence of the core-shell phase on magnetism, electrochemical sensing of serotonin, and catalytic reduction of 4-nitrophenol. Nanoscale Advances, 2019, 1, 1531-1540.	2.2	39
18	Enhanced Photocatalytic Behavior of (GO/Cu ₂ O) Composite with Cu ₂ O Being Synthesized Through Green Route. Journal of Nanoscience and Nanotechnology, 2019, 19, 7215-7220.	0.9	8

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19	Camphor sulphonic acid doped novel polycarbazole-g-C ₃ N ₄ as an efficient electrode material for supercapacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 8736-8750.	1.1	19
20	Environmental and antimicrobial properties of silver nanoparticles synthesized using <i>Azadirachta indica</i> Juss leaves extract. <i>SN Applied Sciences</i> , 2019, 1, .	1.5	15
21	Size-dependent catalytic property of gold nanoparticle mediated by <i>Justicia adhatoda</i> leaf extract. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	20
22	Pd-Co alloy as an efficient recyclable catalyst for the reduction of hazardous 4-nitrophenol. <i>Research on Chemical Intermediates</i> , 2019, 45, 815-832.	1.3	19
23	Facile <i>Justicia adhatoda</i> leaf extract derived route to silver nanoparticle: synthesis, characterization and its application in photocatalytic and anticancer activity. <i>Materials Research Express</i> , 2019, 6, 045003.	0.8	15
24	Catalytic behavior of magnetic Ni-Zn alloy. <i>Research on Chemical Intermediates</i> , 2018, 44, 4149-4161.	1.3	2
25	Visible light driven photocatalytic degradation of methylene blue using novel camphor sulfonic acid doped polycarbazole/g-C ₃ N ₄ nanocomposite. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	7
26	Recent advances in polymer supporting layered double hydroxides nanocomposite for electrochemical biosensors. <i>Materials Research Express</i> , 2018, 5, 014011.	0.8	17
27	MnMoO ₄ nanolayers : Synthesis characterizations and electrochemical detection of QA. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
28	Tunable poly(o-anisidine)/carbon nanotubes nanocomposites as an electrochemical sensor for the detection of an anthelmintic drug mebendazole. <i>Polymer Bulletin</i> , 2018, 75, 3127-3147.	1.7	7
29	Effect of Dendritic Cu-In Alloy on Cr(VI) Reduction Synthesized via Pulsed Electrodeposition. <i>ChemistrySelect</i> , 2018, 3, 12613-12619.	0.7	2
30	Investigation of natural background radiation of sediments in Rameswaram Island, Tamil Nadu, India. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	7
31	Amperometric nanomolar detection of dopamine using metal free carbon nanotubes synthesized by a simple chemical approach. <i>Materials Research Express</i> , 2018, 5, 095604.	0.8	2
32	A voltammetric biosensor based on poly(o-methoxyaniline)-gold nanocomposite modified electrode for the simultaneous determination of dopamine and folic acid. <i>Materials Science and Engineering C</i> , 2018, 91, 512-523.	3.8	25
33	Highly efficient catalytic reduction and electrochemical sensing of hazardous 4-nitrophenol using chitosan/rGO/palladium nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14093-14104.	1.1	15
34	Photocatalytic and biological properties of porous titanium aminophosphate. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1791-1807.	1.6	7
35	Influence of geochemical variation and heavy mineral component on primordial radionuclide presence in Tamiraparani River sediments. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	4
36	In vitro cytotoxicity study of dual drug loaded chitosan/palladium nanocomposite towards HT-29 cancer cells. <i>Materials Science and Engineering C</i> , 2017, 75, 1399-1410.	3.8	49

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37	A strategy to promote the electroactive platform adopting poly(o-anisidine)-silver nanocomposites probed for the voltammetric detection of NADH and dopamine. <i>Materials Science and Engineering C</i> , 2017, 80, 425-437.	3.8	17
38	Comparative studies of chitosan and its nanoparticles for the adsorption efficiency of various dyes. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1449-1458.	3.6	79
39	Effective dual role catalyst of mixed oxide heterostructure for photocatalyst and electrocatalytic sensing of isoniazid. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 12726-12740.	1.1	10
40	ZnO nanoparticles: hydrothermal synthesis and 4-nitrophenol sensing property. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 9272-9278.	1.1	10
41	Implementation of oligonucleotide-gated supports for the electrochemical detection of Ochratoxin A. <i>Supramolecular Chemistry</i> , 2017, 29, 776-783.	1.5	4
42	Facile solvothermal decomposition synthesis of single phase ZnBi ₃₈ O ₆₀ nanobundles for sensitive detection of 4-nitrophenol. <i>New Journal of Chemistry</i> , 2017, 41, 7020-7027.	1.4	25
43	Synthesis & characterization of Bi _{7.38} Ce _{0.62} O _{12.3} and its optical and electrocatalytic property. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	2
44	Solventless synthesis of m-LaVO ₄ photocatalyst for the degradation of methylene blue and textile effluent. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 4014-4019.	1.1	13
45	Chitosan stabilized Ag-Au nanoalloy for colorimetric sensing and 5-Fluorouracil delivery. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 862-872.	3.6	24
46	Manganese-doped hematite nanoplates with enhanced and non-enzymatic electrochemical sensing performance. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 450-455.	0.9	2
47	Biological Evolution of New Intercalated Layered Double Hydroxides: Anticancer, Antibacterial and Photocatalytic Studies. <i>ChemistrySelect</i> , 2017, 2, 11717-11726.	0.7	4
48	Synthesis of chitosan supported palladium nanoparticles and its catalytic activity towards 2-nitrophenol reduction. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	6
49	Fabrication of chitosan/MWCNT nanocomposite as a carrier for 5-fluorouracil and a study of the cytotoxicity of 5-fluorouracil encapsulated nanocomposite towards MCF-7. <i>Polymer Bulletin</i> , 2016, 73, 3221-3236.	1.7	19
50	Seasonal observation on radionuclide concentration in Krusadai Island Mangroves, Gulf of Mannar, India. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 1277-1288.	0.7	5
51	Sensing of picric acid with a glassy carbon electrode modified with CuS nanoparticles deposited on nitrogen-doped reduced graphene oxide. <i>Mikrochimica Acta</i> , 2016, 183, 2421-2430.	2.5	35
52	Î±-MoO ₃ /polyaniline composite for effective scavenging of Rhodamine B, Congo red and textile dye effluent. <i>RSC Advances</i> , 2016, 6, 28871-28886.	1.7	66
53	Polyaniline Nanorods: Synthesis, Characterization, and Application for the Determination of <i>p</i> -Nitrophenol. <i>Analytical Letters</i> , 2016, 49, 269-281.	1.0	23
54	Hopping of charge carriers and relaxation processes of poly(o-anisidine)/graphene nanocomposite. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	0

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55	BiVO ₄ nanoparticles: Preparation, characterization and photocatalytic activity. Cogent Chemistry, 2015, 1, 1074647.	2.5	53
56	Investigation of background radiation level in Krusadai Island Mangrove, Gulf of Mannar, India. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 735-744.	0.7	12
57	Synthesis and spectral characterization of silver embedded chitosan matrix nanocomposite for the selective colorimetric sensing of toxic mercury. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 143, 242-250.	2.0	38
58	Synthesis of New Acyclic Schiff Base Oxovanadium(IV) Complexes and Their Electrochemical, Catecholase, and Antimicrobial Studies of Minimum Inhibitory Concentration. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 1647-1654.	0.6	4
59	Investigations on the performance of poly(o-anisidine)/graphene nanocomposites for the electrochemical detection of NADH. Materials Science and Engineering C, 2015, 55, 579-591.	3.8	38
60	ZnO/Ag/CdO nanocomposite for visible light-induced photocatalytic degradation of industrial textile effluents. Journal of Colloid and Interface Science, 2015, 452, 126-133.	5.0	579
61	Manganese sesquioxide to trimanganese tetroxide hierarchical hollow nanostructures: effect of gadolinium on structural, thermal, optical and magnetic properties. CrystEngComm, 2015, 17, 2886-2895.	1.3	33
62	ZnO/Ag/Mn ₂ O ₃ nanocomposite for visible light-induced industrial textile effluent degradation, uric acid and ascorbic acid sensing and antimicrobial activity. RSC Advances, 2015, 5, 34645-34651.	1.7	426
63	Synthesis, growth and photoluminescence behaviour of Gd ₂ O ₂ SO ₄ :Eu ³⁺ nanophosphors: the effect of temperature on the structural, morphological and optical properties. RSC Advances, 2015, 5, 7515-7521.	1.7	22
64	Synthesis and characterization of chromium(III) Schiff base complexes: Antimicrobial activity and its electrocatalytic sensing ability of catechol. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 139, 431-441.	2.0	32
65	An in vitro cytotoxicity study of 5-fluorouracil encapsulated chitosan/gold nanocomposites towards MCF-7 cells. RSC Advances, 2015, 5, 1024-1032.	1.7	83
66	Cytotoxicity and Antimicrobial Studies of Silver Nanoparticles Synthesized Using <i>Psidium guajava</i> L. Extract. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 426-432.	0.6	5
67	Synthesis and characterization of 1 ² -naphthalene sulphonic acid doped poly(o-anisidine)., 2014, , .		1
68	Solid state synthesis of copper tungstate nanoparticles and its electrochemical detection of 4-chlorophenol. AIP Conference Proceedings, 2014, , .	0.3	9
69	Electrochemical Studies of Hydroxyapatite-Poly Ethylene Glycol Nanocomposite. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 329-335.	0.6	3
70	1 [±] -Fe ₂ O ₃ nanoflowers: synthesis, characterization, electrochemical sensing and photocatalytic property. Journal of the Iranian Chemical Society, 2014, 11, 645-652.	1.2	18
71	Cytotoxicity and antimicrobial activities of green synthesized silver nanoparticles. European Journal of Medicinal Chemistry, 2014, 76, 256-263.	2.6	110
72	Copper vanadate nanoparticles: synthesis, characterization and its electrochemical sensing property. Journal of Materials Science: Materials in Electronics, 2014, 25, 1485-1491.	1.1	34

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73	Spectroscopic investigations, antimicrobial, and cytotoxic activity of green synthesized gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 129, 484-490.	2.0	50
74	Preparation of nitrogen-doped reduced graphene oxide and its use in a glassy carbon electrode for sensing 4-nitrophenol at nanomolar levels. <i>Mikrochimica Acta</i> , 2014, 181, 1863-1870.	2.5	23
75	Characterization of Mo-MCM-41 and its Electrochemical Sensing Property. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014, 44, 1194-1198.	0.6	3
76	Dendritic Ag@Fe nanocrystalline alloy synthesized by pulsed electrodeposition and its characterization. <i>Applied Surface Science</i> , 2014, 316, 491-496.	3.1	16
77	Synthesis, characterization, catalytic, antimicrobial, DNA binding and cleavage studies of N-functionalized tetraazamacrocyclic binuclear copper(II) complexes. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 825-837.	1.2	3
78	Fabrication of Ni@Fe ₂ O ₃ magnetic nanorods and application to the detection of uric acid. <i>RSC Advances</i> , 2014, 4, 17146.	1.7	103
79	Double dumbbell shaped AgNi alloy by pulsed electrodeposition. , 2014, , .		3
80	Synthesis of zinc sulphide nanoparticles and its photodegradation ability towards organic pollutants. , 2014, , .		0
81	Synthesis and characterization of poly(4-vinyl pyridine-co-styrene)/FHAP nanocomposite, and its biomedical application. <i>Applied Nanoscience (Switzerland)</i> , 2013, 3, 373-382.	1.6	3
82	Nanomolar determination of 4-nitrophenol based on a poly(methylene blue)-modified glassy carbon electrode. <i>Analyst, The</i> , 2013, 138, 5811.	1.7	75
83	Cadmium oxide nanoplatelets: synthesis, characterization and their electrochemical sensing property of catechol. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 771-776.	1.2	18
84	Aqueous based synthesis of Cu ₅ Se ₄ nanosheets and characterization. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 1888-1894.	1.1	15
85	Fabrication of iron oxide nanoparticles: magnetic and electrochemical sensing property. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 1256-1263.	1.1	21
86	Synthesis and characterization of bimetallic nanocatalysts and their application in selective hydrogenation of citral to unsaturated alcohols. <i>Journal of Chemical Sciences</i> , 2013, 125, 1365-1374.	0.7	9
87	Synthesis, crystal structure, magnetic, DSS cell, lifetime measurement, electrochemical, catecholase activity, and antimicrobial studies of mono and hetero binuclear cryptates. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 63-76.	1.2	3
88	New "side-off"™ coordination asymmetric homobinuclear Ni(II) and heterobinuclear Ni(II)Zn(II) complexes as models for hydrolysis of p-nitrophenylphosphate: Synthesis, characterization and electrochemical studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 105, 245-250.	2.0	6
89	Synthesis, characterization and photocatalytic activity of novel Hg doped ZnO nanorods prepared by thermal decomposition method. <i>Journal of Molecular Liquids</i> , 2013, 178, 88-93.	2.3	296
90	The photocatalytic activity of ZnO prepared by simple thermal decomposition method at various temperatures. <i>Journal of Molecular Liquids</i> , 2013, 177, 394-401.	2.3	459

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91	Enhanced photocatalytic activity of ZnO/CuO nanocomposite for the degradation of textile dye on visible light illumination. <i>Materials Science and Engineering C</i> , 2013, 33, 91-98.	3.8	923
92	Synthesis, characterization, catalytic, and biological studies of macrobicyclic binuclear nickel(II) complexes of 1,8-difunctionalized cyclam derivatives. <i>Journal of Coordination Chemistry</i> , 2013, 66, 206-217.	0.8	15
93	Synthesis of reduced graphene oxide and its electrochemical sensing of 4-nitrophenol. , 2013, , .		0
94	Electrocatalytic Property of Nano-Fe ₃ O ₄ Modified Glassy Carbon Electrode. <i>Advanced Materials Research</i> , 2012, 584, 272-275.	0.3	0
95	Visible light photocatalytic property of Zn doped V ₂ O ₅ nanoparticles. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	12
96	Effect of Iron Oxide on Ionic Conductivity of Polyindole Based Composite Polymer Electrolytes. <i>Advanced Materials Research</i> , 2012, 584, 536-540.	0.3	5
97	Synthesis, Spectral, Electrochemical, Magnetic and Biological Studies of Tet-A Based Binuclear Mn(III) Complexes. <i>Advanced Materials Research</i> , 2012, 584, 386-390.	0.3	1
98	Synthesis and characterization of chitosan-silver nanocomposite. <i>Applied Nanoscience (Switzerland)</i> , 2012, 2, 299-303.	1.6	175
99	Fabrication of Fe ₂ O ₃ Nanoparticles for the Electrochemical Detection of Uric Acid. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 303-307.	0.6	22
100	Microstructure analysis of the ferromagnetic Ag-Ni system synthesized by pulsed electrodeposition. <i>Applied Surface Science</i> , 2012, 258, 3126-3132.	3.1	19
101	Heterogeneous Oxidation of Styrene Using Iron(III) Porphyrin Encapsulated in Mesoporous Molecular Sieves. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 608-615.	0.6	5
102	In Vitro Anti Microbial and Anti Inflammatory Study of Nano Carbonated Hydroxyapatite/Poly(Vinyl Alcohol) Composites: Synthesis and Its Characterization. <i>Journal of Bionanoscience</i> , 2012, 6, 49-55.	0.4	3
103	Synthesis, structure stability and magnetic properties of nanocrystalline Ag-Ni alloy. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	46
104	Study on photoluminescence from tris-(8-hydroxyquinoline)indium thin films and influence of light. <i>Optik</i> , 2012, 123, 1393-1396.	1.4	12
105	Synthesis and characterization of ZnO and Ni doped ZnO nanorods by thermal decomposition method for spintronics application. <i>Materials Characterization</i> , 2012, 67, 10-16.	1.9	72
106	Facile synthesis of cobalt doped hematite nanospheres: Magnetic and their electrochemical sensing properties. <i>Materials Chemistry and Physics</i> , 2012, 134, 590-596.	2.0	62
107	Synthesis and characterization of new unsymmetrical tetra and hexa coordinate homobinuclear Cu(II) and heterobinuclear Cu(II)-Zn(II) complexes: Magnetic, electrochemical and kinetic studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 94, 334-339.	2.0	4
108	Polyindole-CuO composite polymer electrolyte containing LiClO ₄ for lithium ion polymer batteries. <i>Polymer Bulletin</i> , 2012, 68, 181-196.	1.7	32

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109	Spectral, Electrochemical, Fluorescence, Kinetic and Anti-microbial Studies of Acyclic Schiff-base Gadolinium(III) Complexes. Bulletin of the Korean Chemical Society, 2012, 33, 3581-3588.	1.0	5
110	Cadmium Sulphide Nanorods: Synthesis, Characterization and their Photocatalytic Activity. Bulletin of the Korean Chemical Society, 2012, 33, 2910-2916.	1.0	33
111	TiO ₂ supported Ru and Pt nano catalysts for selective hydrogenation of citral. , 2011, , .		0
112	Synthesis, characterization and antimicrobial activity of PVA/hydroxyapatite nanocomposites. , 2011, , .		2
113	PHOTOCATALYTIC DEGRADATION OF ORGANIC DYE USING NANO ZnO. International Journal of Nanoscience, 2011, 10, 253-257.	0.4	19
114	Liquid phase selective hydrogenation of citral over Ru/TiO ₂ and Pt/TiO ₂ nano catalysts. , 2011, , .		0
115	Preparation and characterization of Hg doped ZnO nanorods. , 2011, , .		2
116	Synthesis, characterization and electrochemical sensing properties of Fe doped V ₂ O ₅ nanoparticles. , 2011, , .		1
117	Adsorption efficacy of chitosan nanoparticles from Cunnighamella elegans on RBB dye. , 2011, , .		1
118	Synthesis of silver nanoparticles using Aegle marmelos plant extract and evaluation of their antimicrobial activities and cytotoxicity. , 2011, , .		0
119	Cadmium oxide as electrochemical probe for nitrophenols. , 2011, , .		0
120	Synthesis, Characterization and Electrochemical Sensing Properties of PANI-Cobalt doped Fe ₂ O ₃ Nanocomposites. , 2011, , .		0
121	ZnO/CdO composite nanorods for photocatalytic degradation of methylene blue under visible light. Materials Chemistry and Physics, 2011, 125, 277-280.	2.0	239
122	Burning rate enhancement of a high energy rocket composite solid propellant based on ferrocene-grafted hydroxyl-terminated polybutadiene binder. Journal of Applied Polymer Science, 2011, 119, 2517-2524.	1.3	88
123	New 14-membered trans-di-substituted tetra- TM macrocycles and their copper(II) and nickel(II) complexes: Spectral, magnetic, electrochemical, crystal structure, catalytic and antimicrobial studies. Journal of Molecular Structure, 2011, 989, 91-100.	1.8	9
124	Electrochemical, catalytic and antimicrobial activity of N-functionalized tetraazamacrocyclic binuclear nickel(II) complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 601-606.	2.0	9
125	Synthesis, characterization, crystal structure and antimicrobial activities of new trans N,N-substituted macrocyclic dioxocyclam and their copper(II) and nickel(II) complexes. Polyhedron, 2011, 30, 106-113.	1.0	9
126	Preparation And Study Of Electrodeposited Silver-Nickel Binary System. , 2011, , .		1

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127	New acyclic Schiff-base copper(II) complexes and their electrochemical, catalytic, and antimicrobial studies. <i>Journal of Coordination Chemistry</i> , 2011, 64, 637-650.	0.8	19
128	Synthesis and Characterization of Polyindoleâ€“NiO-Based Composite Polymer Electrolyte with LiClO ₄ . <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2011, 60, 877-892.	1.8	32
129	PHOTOCATALYTIC DEGRADATION OF AQUEOUS METHYL ORANGE USING NANOTITANIA LOADED Mo-MCM-41. <i>International Journal of Nanoscience</i> , 2011, 10, 1131-1135.	0.4	1
130	Nano-Titania Photocatalyst Loaded on W-MCM-41 Support and Its Highly Efficient Degradation of Methylene Blue. , 2011, , .		0
131	New Acyclic Schiff-Base Nickel(II) Complexes and their Electrochemical, Kinetic, and Antimicrobial Studies. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 963-972.	0.6	7
132	Synthesis and Characterization of Nano-Titania Photocatalyst Loaded on Mo-MCM-41 Support. <i>Advanced Science Letters</i> , 2011, 4, 89-95.	0.2	9
133	New Unsymmetric Dinuclear Copper(II) Complexes of Trans-disubstituted Cyclam Derivatives: Spectral, Electrochemical, Magnetic, Catalytic, Antimicrobial, DNA Binding and Cleavage Studies. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 1669-1678.	1.0	12
134	Preparation and characterization of polyindoleâ€“ZnO composite polymer electrolyte with LiClO ₄ . <i>Ionics</i> , 2010, 16, 839-848.	1.2	34
135	Metalloporphyrins encapsulated mesoporous molecular sieves as efficient heterogeneous catalysts for oxidation of cyclohexene with iodobenzene. <i>Journal of Porous Materials</i> , 2010, 17, 711-718.	1.3	16
136	Synthesis, electrochemical, magnetic, catalytic and antimicrobial studies of N-functionalized cyclam based trinuclear copper(II) and nickel(II) complexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 66, 297-306.	1.6	7
137	N-benzoylated 1,4,8,11-tetraazacyclotetradecane and their copper(II) and nickel(II) complexes: Spectral, magnetic, electrochemical, crystal structure, catalytic and antimicrobial studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 77, 92-100.	2.0	10
138	Synthesis, characterization and bioactive evaluation of copper(II) 5,10,15,20-tetrakis[1,1,1,2-(2,6-bis(4-methylpiperazine-1-yl-methyl)-4-iminomethyl phenol)phenyl] porphyrin: A picket-fence porphyrin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 77, 652-660.	2.0	5
139	A new approach for synthesis of CSA-SBA-15: Its characterization and superior catalytic activity. <i>Microporous and Mesoporous Materials</i> , 2010, 132, 494-500.	2.2	13
140	Studies on the Fluorescence of Tris-(8-hydroxyquinoline)Aluminum and the Effect of Light Exposure. <i>Polymer-Plastics Technology and Engineering</i> , 2010, 49, 1289-1291.	1.9	0
141	Hydrothermal Synthesis and Characterization of Cobalt Doped Fe ₂ O ₃ . , 2010, , .		4
142	Synthesis, characterization, and antimicrobial activities of nickel(II) and copper(II) Schiff-base complexes. <i>Journal of Coordination Chemistry</i> , 2010, 63, 136-146.	0.8	88
143	Spectroscopic, Redox and Biological Studies of Push-Pull Porphyrins and Their Metal Complexes. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2656-2664.	1.0	10
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