

P Muralidhar Reddy

List of Publications by Year in descending order

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63
papers

1,989
citations

279798

23
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254184

43
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65
all docs

65
docs citations

65
times ranked

2947
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiferromagnetic spin correlations above the bulk ordering temperature in NiO nanoparticles: Effect of extrinsic factors. <i>Applied Surface Science</i> , 2022, 578, 152081.	6.1	1
2	One-pot hydrothermal preparation and defect-enhanced photocatalytic activity of Bi-doped CdWO ₄ nanostructures. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8775-8786.	2.8	7
3	Synthesis, Characterization and in vitro Anticancer Studies of New Co(II), Ni(II), Cu(II) and Zn(II) Complexes of (E)-4-((Quinoline-8-ylimino)methyl)benzene-1,2,3-triol Ligand. <i>Asian Journal of Organic & Medicinal Chemistry</i> , 2022, 6, 250-258.	0.0	0
4	Potential applications of nanoparticles embedded U-bent fiber optic probe. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	2
5	Synthesis and characterization of oxo zirconium (IV) complexes of polydentate ligands. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
6	Synthesis and Rational Design of New Appended 1,2,3-Triazole-uracil Ensembles as Promising Anti-Tumor Agents via In Silico VEGFR-2 Transferase Inhibition. <i>Molecules</i> , 2021, 26, 1952.	3.8	6
7	Mono and Tri-cationic Imidazolium Salts: Use as Stabilizers for Silver Nanoparticles and Anticancer Study. <i>Asian Journal of Organic & Medicinal Chemistry</i> , 2021, 6, 167-174.	0.0	0
8	Room Temperature Magnetic Memory Effect in Cluster-Glassy Fe-Doped NiO Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 1318.	4.1	9
9	In Situ FTIR Spectroscopic Monitoring of the Formation of the Arene Diazonium Salts and Its Applications to the Heck-Matsuda Reaction. <i>Molecules</i> , 2020, 25, 2199.	3.8	4
10	Production of optically pure (â€“)borneol by <i>Pseudomonas monteilii</i> TCU-CK1 and characterization of borneol dehydrogenase involved. <i>Enzyme and Microbial Technology</i> , 2020, 139, 109586.	3.2	11
11	Preparation and characterization of CdWO ₄ :Cu nanorods with enhanced photocatalytic performance under sunlight irradiation. <i>New Journal of Chemistry</i> , 2020, 44, 2380-2388.	2.8	11
12	Synthesis, Biological Evaluation and Molecular Modeling Studies of Novel C (7) Modified Analogues of Chrysin. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 873-883.	0.7	0
13	Personal care products use and phthalate exposure levels among pregnant women. <i>Science of the Total Environment</i> , 2019, 648, 135-143.	8.0	77
14	Molecular Design, Synthesis, and Biological Evaluation of 2-Hydroxy-3-Chrysin Dithiocarbamate Derivatives. <i>Molecules</i> , 2019, 24, 3038.	3.8	4
15	Medicinal Use of Synthetic Cannabinoidsâ€”a Mini Review. <i>Current Pharmacology Reports</i> , 2019, 5, 1-13.	3.0	14
16	Direct detection of carbapenemase-associated proteins of <i>Acinetobacter baumannii</i> using nanodiamonds coupled with matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Journal of Microbiological Methods</i> , 2018, 147, 36-42.	1.6	17
17	Resolution of isoborneol and its isomers by GC/MS to identify â€œsyntheticâ€ and â€œsemiâ€ syntheticâ€ borneol products. <i>Chirality</i> , 2018, 30, 1233-1239.	2.6	11
18	Positive Association between Urinary Concentration of Phthalate Metabolites and Oxidation of DNA and Lipid in Adolescents and Young Adults. <i>Scientific Reports</i> , 2017, 7, 44318.	3.3	28

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37	Synthesis of mono, bis-2-(2-arylideneaminophenyl) indole azomethines as potential antimicrobial agents. Archives of Pharmacal Research, 2011, 34, 1077-1084.	6.3	26
38	Advances in mass spectrometry for the identification of pathogens. Mass Spectrometry Reviews, 2011, 30, 1203-1224.	5.4	64
39	Synthesis and antimicrobial activities of a new class of 6-arylbenzimidazo[1,2-c]quinazolines. Journal of the Brazilian Chemical Society, 2010, 21, 49-57.	0.6	29
40	Binuclear cobalt(II), nickel(II), copper(II) and palladium(II) complexes of a new Schiff-base as ligand: Synthesis, structural characterization, and antibacterial activity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 77, 911-915.	3.9	112
41	Digestion completeness of microwave-assisted and conventional trypsin-catalyzed reactions. Journal of the American Society for Mass Spectrometry, 2010, 21, 421-424.	2.8	42
42	Antimicrobial study of newly synthesized 6-substituted indolo[1,2-c]quinazolines. European Journal of Medicinal Chemistry, 2010, 45, 1200-1205.	5.5	117
43	Synthesis of some new mono, bis-indolo[1, 2-c]quinazolines: evaluation of their antimicrobial studies. Journal of the Brazilian Chemical Society, 2010, 21, 897-904.	0.6	18
44	Concentration and in Situ Detection of Peptides Using Liquid Matrix-Assisted Laser Desorption Ionization Matrixes. Analytical Chemistry, 2010, 82, 44-48.	6.5	14
45	Identification of Pathogens by Mass Spectrometry. Clinical Chemistry, 2010, 56, 525-536.	3.2	82
46	6-Substituted Indolo[1,2-c]quinazolines as New Antimicrobial Agents. Archiv Der Pharmazie, 2009, 342, 533-540.	4.1	32
47	Application of nickel-catalysed reduction and azo dye reactions for the determination of tinidazole. Coloration Technology, 2009, 125, 284-287.	1.5	7
48	Ru(III)-catalyzed oxidation of pyridoxine and albuterol in pharmaceuticals. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 72, 204-208.	3.9	9
49	Ru(II) complexes of N4 and N2O2 macrocyclic Schiff base ligands: Their antibacterial and antifungal studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 73, 205-211.	3.9	119
50	Physicochemical and biological characterization of novel macrocycles derived from o-phthalaldehyde. European Journal of Medicinal Chemistry, 2009, 44, 2621-2625.	5.5	43
51	Mono and bis-6-arylbenzimidazo[1,2-c]quinazolines: A new class of antimicrobial agents. European Journal of Medicinal Chemistry, 2009, 44, 3330-3339.	5.5	96
52	Encapsulation of Pd(II) by N4 and N2O2 macrocyclic ligands: their use in catalysis and biology. Journal of Coordination Chemistry, 2009, 62, 3040-3049.	2.2	19
53	Synthesis, characterization and catalytic applications of rhodium(I) organometallics with substituted tertiary phosphines. Transition Metal Chemistry, 2008, 33, 153-160.	1.4	5
54	Synthesis of new macrocyclic rhodium(III) compounds and their utility as catalysts for the oxidation of ascorbic acid. Transition Metal Chemistry, 2008, 33, 251-258.	1.4	14

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55	Synthesis, spectral studies, and catalytic and antibacterial activity of Ru(II) complexes with coordinated amides. <i>Journal of Applied Spectroscopy</i> , 2008, 75, 864-871.	0.7	0
56	Catalytic reduction of pralidoxime in pharmaceuticals by macrocyclic Ni(II) compounds derived from orthophthalaldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 704-712.	3.9	17
57	Substituted tertiary phosphine Ru(II) organometallics: Catalytic utility on the hydrolysis of etofibrate in pharmaceuticals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 1231-1237.	3.9	11
58	Identifying bacterial species using CE-MS and SEQUEST with an empirical scoring function. <i>Electrophoresis</i> , 2007, 28, 1387-1392.	2.4	13
59	Synthesis, spectral studies and antibacterial activity of novel macrocyclic Co(II) compounds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 1000-1006.	3.9	31
60	Synthesis, spectral characterization, catalytic and antibacterial activity of macrocyclic Cu(I) compounds. <i>Transition Metal Chemistry</i> , 2007, 32, 507-513.	1.4	28
61	Using Capillary Electrophoresis-Selective Tandem Mass Spectrometry To Identify Pathogens in Clinical Samples. <i>Analytical Chemistry</i> , 2006, 78, 5124-5133.	6.5	32
62	Identification of microbial mixtures by LC-selective proteotypic-peptide analysis(SPA). <i>Journal of Mass Spectrometry</i> , 2006, 41, 1049-1060.	1.6	19
63	Identification of Microbial Mixtures by Capillary Electrophoresis/Selective Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2005, 77, 1488-1495.	6.5	28