P Muralidhar Reddy

List of Publications by Year
in descending order

63	1,989	279798 23	254184 43
papers	citations	h-index	g-index

65	65	65	2947
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review on the effects of current chemotherapy drugs and natural agents in treating nonâ€“small cell		

#	Article	IF	Citations
19	Identification of Microbial Mixtures by Capillary Electrophoresis/Selective Tandem Mass Spectrometry. Analytical Chemistry, 2005, 77, 1488-1495.	6.5	28
20	Synthesis, spectral characterization, catalytic and antibacterial activity of macrocyclic CuII compounds. Transition Metal Chemistry, 2007, 32, 507-513.	1.4	28
21	Synthesis, Spectral and Antibacterial Studies of Copper(II) Tetraaza Macrocyclic Complexes. International Journal of Molecular Sciences, 2012, 13, 4982-4992.	4.1	28
22	Positive Association between Urinary Concentration of Phthalate Metabolites and Oxidation of DNA and Lipid in Adolescents and Young Adults. Scientific Reports, 2017, 7, 44318.	3.3	28
23	Synthesis of mono, bis-2-(2-arylideneaminophenyl) indole azomethines as potential antimicrobial agents. Archives of Pharmacal Research, 2011, 34, 1077-1084.	6.3	26
24	Diagnosis of Î²-Lactam Resistance inAcinetobacter baumanniiUsing Shotgun Proteomics and LC-Nano-Electrospray Ionization Ion Trap Mass Spectrometry. Analytical Chemistry, 2013, 85, 2802-2808.	6.5	24
25	Synthesis of N4 donor macrocyclic Schiff base ligands and their Ru (II), Pd (II), Pt (II) metal complexes for biological studies and catalytic oxidation of didanosine in pharmaceuticals. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 189-196.	3.9	22
26	Memory effect in weakly-interacting Fe₃O₄ nanoparticles. RSC Advances, 2015, 5, 84782-84789.	3.6	20
27	Identification of microbial mixtures by LC-selective proteotypic-peptide analysis(SPA). Journal of Mass Spectrometry, 2006, 41, 1049-1060.	1.6	19
28	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
29	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
30	Catalytic reduction of pralidoxime in pharmaceuticals by macrocyclic Ni(II) compounds derived from orthophthalaldehyde. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 704-712.	3.9	17
31	Mass spectrometric identification of pathogens in foods using a zirconium hydroxide immobilization approach. International Journal of Mass Spectrometry, 2012, 312, 45-52.	1.5	17
32	Direct detection of carbapenemase-associated proteins of Acinetobacter baumannii using nanodiamonds coupled with matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Journal of Microbiological Methods, 2018, 147, 36-42.	1.6	17
33	Evaluating the potential nonthermal microwave effects of microwave-assisted proteolytic reactions. Journal of Proteomics, 2013, 80, 160-170.	2.4	16
34	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
35	Concentration and in Situ Detection of Peptides Using Liquid Matrix-Assisted Laser Desorption Ionization Matrixes. Analytical Chemistry, 2010, 82, 44-48.	6.5	14
36	Medicinal Use of Synthetic Cannabinoidsâ€"a Mini Review. Current Pharmacology Reports, 2019, 5, 1-13.	3.0	14

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37	Identifying bacterial species using CEâ€“MS and SEQUEST with an empirical scoring function. Electrophoresis, 2007, 28, 1387-1392.	2.4	13
38	Altered susceptibility to the bactericidal effect of photocatalytic oxidation by TiO2 is related to colistin resistance development in Acinetobacter baumannii. Applied Microbiology and Biotechnology, 2016, 100, 8549-8561.	3.6	13
39	Study of microwave effects on the lipase-catalyzed hydrolysis. Enzyme and Microbial Technology, 2016, 82, 164-172.	3.2	13
40	Synthesis, characterization and molecular docking studies of novel 2-amino 3-cyano pyrano[2,3H]chrysin derivatives as potential antimicrobial agents. Medicinal Chemistry Research, 2015, 24, 3696-3709.	2.4	12
41	Substituted tertiary phosphine Ru(II) organometallics: Catalytic utility on the hydrolysis of etofibrate in pharmaceuticals. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 1231-1237.	3.9	11
42	Resolution of isoborneol and its isomers by GC/MS to identify â€œsyntheticâ€•and â€œsemiâ€•syntheticâ€• borneol products. Chirality, 2018, 30, 1233-1239.	2.6	11
43	Production of optically pure (â€“)-borneol by Pseudomonas monteilii TCU-CK1 and characterization of borneol dehydrogenase involved. Enzyme and Microbial Technology, 2020, 139, 109586.	3.2	11
44	Preparation and characterization of CdWO₄:Cu nanorods with enhanced photocatalytic performance under sunlight irradiation. New Journal of Chemistry, 2020, 44, 2380-2388.	2.8	11
45	Quantification of genetically modified soya using strong anion exchange chromatography and time-of-flight mass spectrometry. Analytical and Bioanalytical Chemistry, 2014, 406, 5339-5346.	3.7	10
46	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
47	Room Temperature Magnetic Memory Effect in Cluster-Glassy Fe-Doped NiO Nanoparticles. Nanomaterials, 2020, 10, 1318.	4.1	9
48	Application of nickelâ€catalysed reduction and azo dye reactions for the determination of tinidazole. Coloration Technology, 2009, 125, 284-287.	1.5	7
49	One-pot hydrothermal preparation and defect-enhanced photocatalytic activity of Bi-doped CdWO₄ nanostructures. Physical Chemistry Chemical Physics, 2022, 24, 8775-8786.	2.8	7
50	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. Molecules, 2021, 26, 1952.	3.8	6
51	Synthesis, characterization and catalytic applications of rhodium(I) organometallics with substituted tertiary phosphines. Transition Metal Chemistry, 2008, 33, 153-160.	1.4	5
52	Hydrolysis of Letrozole catalyzed by macrocyclic Rhodium (I) Schiff-base complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 139, 43-48.	3.9	5
53	Rapid and sensitive detection of carbapenemase activity in Acinetobacter baumannii using superficially porous liquid chromatography-tandem mass spectrometry. Journal of Microbiology, Immunology and Infection, 2016, 49, 910-917.	3.1	4
54	Molecular Design, Synthesis, and Biological Evaluation of 2-Hydroxy-3-Chrysino Dithiocarbamate Derivatives. Molecules, 2019, 24, 3038.	3.8	4

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55	In Situ FTIR Spectroscopic Monitoring of the Formation of the Arene Diazonium Salts and Its Applications to the Heckâ€“Matsuda Reaction. Molecules, 2020, 25, 2199.	3.8	4
56	Potential applications of nanoparticles embedded U-bent fiber optic probe. AIP Conference Proceedings, 2021, , .	0.4	2
57	Antiferromagnetic spin correlations above the bulk ordering temperature in NiO nanoparticles: Effect of extrinsic factors. Applied Surface Science, 2022, 578, 152081.	6.1	1
58	Synthesis, spectral studies, and catalytic and antibacterial activity of Ru(II) complexes with coordinated amides. Journal of Applied Spectroscopy, 2008, 75, 864-871.	0.7	0
59	Sample Preparation Methods for the Rapid MS Analysis of Microorganisms. , 2016, , 51-71.		0
60	Synthesis and characterization of oxo zirconium (IV) complexes of polydentate ligands. AIP Conference Proceedings, 2021, , .	0.4	0
61	Mono and Tri-cationic Imidazolium Salts: Use as Stabilizers for Silver Nanoparticles and Anticancer Study. Asian Journal of Organic & Medicinal Chemistry, 2021, 6, 167-174.	0.0	0
62	Synthesis, Biological Evaluation and Molecular Modeling Studies of Novel C (7) Modified Analogues of Chrysin. Letters in Drug Design and Discovery, 2020, 17, 873-883.	0.7	0
63	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. Asian Journal of Organic & Medicinal Chemistry, 2022, 6, 250-258.	0.0	0