

Joseph Jeyasekaran

List of Publications by Year in descending order

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33
papers

624
citations

567281

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34
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	Quinoxaline-based Schiff base transition metal complexes: review. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1416-1450.	2.2	86
2	Novel metal based anti-tuberculosis agent: Synthesis, characterization, catalytic and pharmacological activities of copper complexes. <i>European Journal of Medicinal Chemistry</i> , 2012, 49, 151-163.	5.5	61
3	Synthesis, spectral characterization, DNA interaction, anticancer and molecular docking studies on some transition metal complexes with bidentate ligand. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 115-124.	3.8	57
4	Synthesis, characterization and antimicrobial activities of copper complexes derived from 4-aminoantipyrine derivatives. <i>Journal of Saudi Chemical Society</i> , 2013, 17, 285-294.	5.2	54
5	SYNTHESIS, SPECTRAL CHARACTERIZATION AND DNA CLEAVAGE STUDY OF HETEROCYCLIC SCHIFF BASE METAL COMPLEXES. <i>Journal of the Chilean Chemical Society</i> , 2007, 52, .	1.2	35
6	Synthesis and characterization of metal complexes of Schiff base ligand derived from imidazole-2-carboxaldehyde and 4-aminoantipyrine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 149-155.	3.9	33
7	SYNTHESIS, STRUCTURAL CHARACTERIZATION AND ANTIMICROBIAL STUDIES OF NOVEL SCHIFF BASE COPPER(II) COMPLEXES. <i>Journal of the Chilean Chemical Society</i> , 2009, 54, .	1.2	31
8	Molecular designing, structural elucidation, and comparison of the cleavage ability of oxovanadium(IV) Schiff base complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2007, 33, 7-11.	1.0	25
9	Design, synthesis, structural elucidation, pharmacological evaluation of metal complexes with pyrazoline derivatives. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 57-68.	3.8	24
10	Dielectric properties and conductivity studies of some tetradentate cobalt(II), nickel(II), and copper(II) Schiff base complexes. <i>Journal of King Saud University - Science</i> , 2012, 24, 233-236.	3.5	20
11	Synthesis, structural characterization and biological studies of copper complexes with 2-aminobenzothiazole derivatives. <i>Journal of Molecular Structure</i> , 2014, 1063, 160-169.	3.6	20
12	Novel Copper-Based Therapeutic Agent for Anti-Inflammatory: Synthesis, Characterization, and Biochemical Activities of Copper(II) Complexes of Hydroxyflavone Schiff Bases. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1446-1458.	2.9	18
13	Antioxidant and Biochemical Activities of Mixed Ligand Complexes. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 867-890.	2.9	18
14	Copper complexes bearing 2-aminobenzothiazole derivatives as potential antioxidant: Synthesis, characterization. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 86-92.	3.8	18
15	Synthesis, characterization and biological studies of copper(II) complexes with 2-aminobenzimidazole derivatives. <i>Journal of Molecular Structure</i> , 2017, 1137, 17-26.	3.6	18
16	Metal based SOD mimetic therapeutic agents: Synthesis, characterization and biochemical studies of metal complexes. <i>Arabian Journal of Chemistry</i> , 2017, 10, S1963-S1972.	4.9	14
17	Antimicrobial, antioxidant and SOD activities of copper(II) complexes derived from 2-aminobenzothiazole derivatives. <i>Journal of Coordination Chemistry</i> , 2017, 70, 242-260.	2.2	12
18	Copper(II) complexes of hydroxyflavone derivatives as potential bioactive molecule to combat antioxidants: synthesis, characterization and pharmacological activities. <i>Applied Organometallic Chemistry</i> , 2011, 25, 704-717.	3.5	11

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19	Designing, structural elucidation, comparison of DNA cleavage, and antibacterial activity of metal(II) complexes containing tetradentate Schiff base. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 842-848.	1.0	10
20	Metal-Based Molecular Design Tuning Biochemical Behavior: Synthesis, Characterization, and Biochemical Studies of Mixed Ligand Complexes Derived From 4-Aminoantipyridine Derivatives. Spectroscopy Letters, 2014, 47, 86-100.	1.0	10
21	Synthesis, characterization and pharmacological studies of copper complexes of flavone derivatives as potential anti-tuberculosis agents. Journal of Photochemistry and Photobiology B: Biology, 2016, 162, 125-145.	3.8	9
22	Synthesis, spectral characterization and antimicrobial activity of macrocyclic Schiff-base copper(II) complexes containing polycrystalline nanosized grains. Journal of Coordination Chemistry, 2009, 62, 1162-1171.	2.2	8
23	A continuously monitored colorimetric method for detection of <i>Mycobacterium tuberculosis</i> complex in sputum. International Journal of Tuberculosis and Lung Disease, 2013, 17, 1607-1612.	1.2	6
24	Determination of ammonia content in various drinking water sources in Malappuram District, Kerala and its removal by adsorption using agricultural waste materials. Materials Today: Proceedings, 2021, 45, 811-819.	1.8	6
25	Novel metal-based antimicrobial agents of copper(II) complexes: Synthesis, spectral characterization and DNA interaction study. Russian Journal of Inorganic Chemistry, 2010, 55, 1064-1074.	1.3	5
26	Pharmacological and spectral studies of synthetic biomimetic copper complexes derived from 3-hydroxyflavone derivatives as anti-inflammatory agents. Arabian Journal of Chemistry, 2016, 9, S548-S556.	4.9	4
27	Design, synthesis, characterization and biological studies of copper(II) complexes with 2-aminobenzimidazole derivatives as biomimetic agents. Applied Organometallic Chemistry, 2017, 31, e3585.	3.5	4
28	DESIGNING, SYNTHESIS, SPECTRAL CHARACTERIZATION OF ANTIMICROBIAL AND DNA ACTIVE TRIDENTATE SCHIFF BASE LIGANDS AND THEIR COMPLEXES. Journal of the Chilean Chemical Society, 2008, 53, .	1.2	2
29	Synthesis, Spectral Characterization and Anticancer Studies of Some Metal(II) Complexes Derived from Imidazole-2-carboxaldehyde with 2-Amino-3-carboxyethyl-4,5-dimethylthiophene. Oriental Journal of Chemistry, 2017, 33, 1477-1482.	0.3	2
30	Highly conjugative heterocyclic nitrogen base derivative and its metal complexes towards optoelectronic materials: Chemical architecture, synthesis, structural elucidation, catalytic, optoelectronic and pharmacological studies. Materials Today: Proceedings, 2021, 45, 906-911.	1.8	1
31	Synthesis, structural elucidation, pharmacological and molecular docking studies of terpolymer transition metal complexes. Journal of Molecular Structure, 2021, 1227, 129424.	3.6	1
32	Abnormal synergistic behavior of metal chelates of 1,10-phenanthroline scaffold for enhancing hydrogen evolution from water. International Journal of Hydrogen Energy, 2022, 47, 14331-14338.	7.1	1
33	Mixed Ligand Complexes with 4-Aminoantipyridine Derivatives to Combat Natural Antioxidant System: Synthesis, Characterization and Biological Studies. Asian Journal of Chemistry, 2015, 27, 790-802.	0.3	0