

# Joseph Jeyasekaran

## List of Publications by Year in descending order

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33  
papers

624  
citations

567281

15  
h-index

580821

25  
g-index

34  
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34  
docs citations

34  
times ranked

837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Abnormal synergistic behavior of metal chelates of 1,10-phenanthroline scaffold for enhancing hydrogen evolution from water. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 14331-14338.	7.1	1
2	Determination of ammonia content in various drinking water sources in Malappuram District, Kerala and its removal by adsorption using agricultural waste materials. <i>Materials Today: Proceedings</i> , 2021, 45, 811-819.	1.8	6
3	Highly conjugative heterocyclic nitrogen base derivative and its metal complexes towards optoelectronic materials: Chemical architecture, synthesis, structural elucidation, catalytic, optoelectronic and pharmacological studies. <i>Materials Today: Proceedings</i> , 2021, 45, 906-911.	1.8	1
4	Synthesis, structural elucidation, pharmacological and molecular docking studies of terpolymer transition metal complexes. <i>Journal of Molecular Structure</i> , 2021, 1227, 129424.	3.6	1
5	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
6	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
7	Design, synthesis, characterization and biological studies of copper(II) complexes with 2-aminobenzimidazole derivatives as biomimetic agents. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3585.	3.5	4
8	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
9	Synthesis, Spectral Characterization and Anticancer Studies of Some Metal(II) Complexes Derived from Imidazole-2-carboxaldehyde with 2-Amino-3-carboxyethyl-4,5-dimethylthiophene. <i>Oriental Journal of Chemistry</i> , 2017, 33, 1477-1482.	0.3	2
10	Pharmacological and spectral studies of synthetic biomimetic copper complexes derived from 3-hydroxyflavone derivatives as anti-inflammatory agents. <i>Arabian Journal of Chemistry</i> , 2016, 9, S548-S556.	4.9	4
11	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
12	Synthesis, characterization and pharmacological studies of copper complexes of flavone derivatives as potential anti-tuberculosis agents. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 125-145.	3.8	9
13	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
14	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
15	Mixed Ligand Complexes with 4-Aminoantipyrine Derivatives to Combat Natural Antioxidant System: Synthesis, Characterization and Biological Studies. <i>Asian Journal of Chemistry</i> , 2015, 27, 790-802.	0.3	0
16	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
17	Metal-Based Molecular Design Tuning Biochemical Behavior: Synthesis, Characterization, and Biochemical Studies of Mixed Ligand Complexes Derived From 4-Aminoantipyrine Derivatives. <i>Spectroscopy Letters</i> , 2014, 47, 86-100.	1.0	10
18	Antioxidant and Biochemical Activities of Mixed Ligand Complexes. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 867-890.	2.9	18

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19	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
20	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
21	Quinoxaline-based Schiff base transition metal complexes: review. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1416-1450.	2.2	86
22	A continuously monitored colorimetric method for detection of <i>Mycobacterium tuberculosis</i> complex in sputum. <i>International Journal of Tuberculosis and Lung Disease</i> , 2013, 17, 1607-1612.	1.2	6
23	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
24	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
25	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
26	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
27	Novel metal-based antimicrobial agents of copper(II) complexes: Synthesis, spectral characterization and DNA interaction study. <i>Russian Journal of Inorganic Chemistry</i> , 2010, 55, 1064-1074.	1.3	5
28	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
29	Synthesis, spectral characterization and antimicrobial activity of macrocyclic Schiff-base copper(II) complexes containing polycrystalline nanosized grains. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1162-1171.	2.2	8
30	Designing, structural elucidation, comparison of DNA cleavage, and antibacterial activity of metal(II) complexes containing tetradentate Schiff base. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2008, 34, 842-848.	1.0	10
31	DESIGNING, SYNTHESIS, SPECTRAL CHARACTERIZATION OF ANTIMICROBIAL AND DNA ACTIVE TRIDENTATE SCHIFF BASE LIGANDS AND THEIR COMPLEXES. <i>Journal of the Chilean Chemical Society</i> , 2008, 53, .	1.2	2
32	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
33	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