

Sangamesh A Patil

List of Publications by Year in descending order

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53
papers

1,878
citations

257450

24
h-index

254184

43
g-index

53
all docs

53
docs citations

53
times ranked

1724
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, spectral characterization, in vitro antibacterial, antifungal and cytotoxic activities of Co(II), Ni(II) and Cu(II) complexes with 1,2,4-triazole Schiff bases. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 2639-2649.	5.5	326
2	Synthesis, characterization, DNA cleavage and in vitro antimicrobial studies of La(III), Th(IV) and VO(IV) complexes with Schiff bases of coumarin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2904-2912.	5.5	151
3	DNA cleavage, antimicrobial, spectroscopic and fluorescence studies of Co(II), Ni(II) and Cu(II) complexes with SNO donor coumarin Schiff bases. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 347-354.	3.9	92
4	Title is missing!. <i>Transition Metal Chemistry</i> , 1997, 22, 220-224.	1.4	75
5	Synthesis, spectral, electrochemical and biological studies of Co(II), Ni(II) and Cu(II) complexes with Schiff bases of 8-formyl-7-hydroxy-4-methyl coumarin. <i>Journal of Coordination Chemistry</i> , 2009, 62, 481-492.	2.2	70
6	DNA cleavage, antimicrobial, anti-inflammatory anthelmintic activities, and spectroscopic studies of Co(II), Ni(II), and Cu(II) complexes of biologically potential coumarin Schiff bases. <i>Journal of Coordination Chemistry</i> , 2011, 64, 4264-4275.	2.2	67
7	Co(II), Ni(II) and Cu(II) complexes with coumarin-8-yl Schiff-bases: Spectroscopic, in vitro antimicrobial, DNA cleavage and fluorescence studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1128-1136.	3.9	67
8	Bio-important antipyrene derived Schiff bases and their transition metal complexes: Synthesis, spectroscopic characterization, antimicrobial, anthelmintic and DNA cleavage investigation. <i>Journal of Molecular Structure</i> , 2017, 1127, 314-321.	3.6	58
9	DNA cleavage, antibacterial, antifungal and anthelmintic studies of Co(II), Ni(II) and Cu(II) complexes of coumarin Schiff bases: Synthesis and spectral approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 641-651.	3.9	56
10	Synthesis, characterization, in vitro antimicrobial and DNA cleavage studies of Co(II), Ni(II) and Cu(II) complexes with ONOO donor coumarin Schiff bases. <i>Journal of Molecular Structure</i> , 2011, 985, 330-338.	3.6	55
11	Synthesis, characterization and biological approach of metal chelates of some first row transition metal ions with halogenated bidentate coumarin Schiff bases containing N and O donor atoms. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 157, 1-14.	3.8	49
12	Spectroscopic, <i>in vitro</i> antibacterial, and antifungal studies of Co(II), Ni(II), and Cu(II) complexes with 4-chloro-3-coumarinaldehyde Schiff bases. <i>Journal of Coordination Chemistry</i> , 2011, 64, 323-336.	2.2	44
13	Synthesis, spectral characterization and in vitro biological studies of Co(II), Ni(II) and Cu(II) complexes with 1,2,4-triazole Schiff bases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 381-394.	5.2	42
14	Synthesis, spectral characterization, biological and fluorescence studies of lanthanum(III) complexes with 3-substituted-4-amino-5-hydrazino-1,2,4-triazole Schiff bases. <i>Transition Metal Chemistry</i> , 2006, 31, 842-848.	1.4	38
15	Synthesis and characterization of heteroleptic Schiff base transition metal complexes: a study of anticancer, antimicrobial, DNA cleavage and anti-TB activity. <i>Journal of Coordination Chemistry</i> , 2018, 71, 271-283.	2.2	38
16	Synthesis, physicochemical investigation and biological studies of Zinc(II) complexes with 1,2,4-triazole Schiff bases. <i>Journal of the Iranian Chemical Society</i> , 2009, 6, 259-270.	2.2	37
17	Synthesis, spectral, thermal, solid-state DC electrical conductivity and biological studies of Co(II) complexes with Schiff bases derived from 3-substituted-4-amino-5-hydrazino-1,2,4-triazole and substituted salicylaldehydes. <i>Transition Metal Chemistry</i> , 2008, 33, 275-283.	1.4	35
18	DNA cleavage and antimicrobial investigation of Co(II), Ni(II), and Cu(II) complexes with triazole Schiff bases: synthesis and spectral characterization. <i>Medicinal Chemistry Research</i> , 2011, 20, 346-354.	2.4	35

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19	Synthesis, spectral characterization, <i>in vitro</i> biological and DNA cleavage studies of Co(II), Ni(II), Cu(II), and Zn(II) complexes with 1,2,4-triazole Schiff bases. Journal of Coordination Chemistry, 2009, 62, 1690-1700.	2.2	33
20	SNO donor Schiff bases and their Co(II), Ni(II) and Cu(II) complexes: synthesis, characterization, electrochemical and antimicrobial studies. Journal of Sulfur Chemistry, 2009, 30, 145-159.	2.0	32
21	Graft copolymerization of methacrylic acid onto guar gum, using potassium persulfate as an initiator. Journal of Applied Polymer Science, 2006, 101, 618-623.	2.6	28
22	Oxovanadium(IV) and dioxouranium(VI) complexes with thiocarbohydrazones. Inorganica Chimica Acta, 1984, 95, 195-199.	2.4	27
23	Synthesis, spectral characterization, electrochemical and biological studies of Co(II), Ni(II) and Cu(II) complexes with thiocarbohydrazone. Journal of Coordination Chemistry, 2008, 61, 2793-2806.	2.2	24
24	Synthesis, spectral, thermal, fluorescence, antimicrobial, anthelmintic and DNA cleavage studies of mononuclear metal chelates of bi-dentate 2H-chromene-2-one Schiff base. Journal of Photochemistry and Photobiology B: Biology, 2015, 148, 322-332.	3.8	24
25	Magnetic and spectral properties of nickel(II) complexes of ligands containing O, N, and S donor atoms. Transition Metal Chemistry, 1983, 8, 238-240.	1.4	23
26	Spectral and magnetic studies of tin(IV) complexes with nickel(II) thiocarbohydrazones. Polyhedron, 1984, 3, 21-24.	2.2	23
27	Synthesis, characterization, electrochemical and <i>in-vitro</i> antimicrobial studies of Co(II), Ni(II), and Cu(II) complexes with Schiff bases of formyl coumarin derivatives. Journal of Coordination Chemistry, 2009, 62, 3060-3072.	2.2	23
28	DNA cleavage, <i>in vitro</i> antimicrobial and electrochemical studies of Co(II), Ni(II), and Cu(II) complexes with <i>m</i> -substituted thiosemicarbazide Schiff bases. Journal of Coordination Chemistry, 2010, 63, 688-699.	2.2	23
29	Green synthesis of nano sized transition metal complexes containing heterocyclic Schiff base: Structural and morphology characterization and bioactivity study. Journal of Molecular Structure, 2018, 1164, 378-385.	3.6	22
30	DNA cleavage and antimicrobial studies of 17-membered schiff base macrocyclic triazoles: synthesis and spectroscopic approach. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 68, 347-358.	1.6	20
31	Spectroscopic, DNA cleavage and antimicrobial studies of Co(II), Ni(II) and Cu(II) complexes of sulfur donor Schiff bases. Journal of Sulfur Chemistry, 2010, 31, 109-121.	2.0	20
32	In vitro antibacterial, antifungal, and DNA cleavage studies of coumarin Schiff bases and their metal complexes: synthesis and spectral characterization. Medicinal Chemistry Research, 2012, 21, 4017-4027.	2.4	20
33	Synthesis, spectral, thermal, solid state d.c. electrical conductivity and biological studies of Co(II), Ni(II) and Cu(II) complexes with 3-substituted-4-amino (indole-3-aldehydo)-5-mercapto-1,2,4-triazole Schiff bases. Journal of Coordination Chemistry, 2008, 61, 1884-1896.	2.2	18
34	Synthesis, characterization, fluorescence and biological studies of Mn(II), Fe(III) and Zn(II) complexes of Schiff bases derived from Isatin and 3-substituted-4-amino-5-mercapto-1,2,4-triazoles. Complex Metals: an Open Access Journal, 2014, 1, 128-137.	0.6	18
35	Synthesis, characterization, biological and thermal behaviour of Co(II), Ni(II) and Cu(II) complexes with Schiff bases having coumarin moieties. Journal of Thermal Analysis and Calorimetry, 2013, 111, 1281-1289.	3.6	16
36	Synthesis of novel metal (II) complexes tailored from 9-oxo-9H-fluorene-1-carboxylic acid via green protocol: DNA cleavage and anticancer studies. Inorganica Chimica Acta, 2020, 500, 119210.	2.4	14

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37	Synthesis, spectral, thermal, solid state d.c. electrical conductivity and biological studies of lanthanum(III) and thorium(IV) complexes with thiocarbohydrazone. <i>Transition Metal Chemistry</i> , 2007, 32, 379-386.	1.4	13
38	Synthesis, spectral, thermal, solid state d.c. electrical conductivity, fluorescence and biological studies of lanthanum(III) and thorium(IV) complexes of 24-membered macrocyclic triazoles. <i>Journal of Coordination Chemistry</i> , 2008, 61, 2570-2583.	2.2	12
39	DNA cleavage and in vitro antimicrobial studies of Co(II), Ni(II), and Cu(II) complexes with ONNO donor Schiff bases: Synthesis, spectral characterization, and electrochemical studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 87-96.	5.2	12
40	Anticancer activity studies of novel metal complexes of ligands derived from polycyclic aromatic compound via greener route. <i>Journal of Organometallic Chemistry</i> , 2020, 914, 121219.	1.8	12
41	Synthesis, characterization, DNA cleavage, and <i>in-vitro</i> antimicrobial studies of Co(II), Ni(II), and Cu(II) complexes with Schiff bases of coumarin derivatives. <i>Journal of Coordination Chemistry</i> , 2011, 64, 2688-2697.	2.2	11
42	Antimicrobial and DNA Cleavage Studies of New N ₂ O ₂ Diazadioxo Macrocyclic Schiff Base Co(II), Ni(II) and Cu(II) Complexes Containing Triazole Head Unit: Synthesis and Spectroscopic Approach. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010, 47, 510-520.	2.2	10
43	Synthesis, Physico-Chemical investigations of Co(II), Ni(II) and Cu(II) complexes and their in vitro microbial, cytotoxic, DNA cleavage studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2010, 25, 430-439.	5.2	9
44	Synthesis, physico-chemical investigations, and <i>in vitro</i> microbial, studies of VO(IV) complexes with novel ONON donor Schiff bases. <i>Main Group Chemistry</i> , 2009, 8, 71-88.	0.8	8
45	Synthesis, spectral characterization, in vitro microbial and cytotoxic studies of lanthanum(III) and thorium(IV) complexes with 1,2,4-triazole Schiff bases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 730-741.	5.2	8
46	Antimicrobial and DNA-Cleavage Studies of 22-Membered N ₄ Tetraaza Macrocyclic Triazoles: Template Synthesis and Physicochemical Characterization. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2010, 29, 658-675.	1.1	8
47	Template synthesis, characterization, <i>in vitro</i> antimicrobial, and DNA cleavage studies of Co(II), Ni(II), Cu(II), and Zn(II) complexes with 15-membered N ₂ O ₂ diazadioxo macrocycles. <i>Main Group Chemistry</i> , 2009, 8, 189-206.	0.8	7
48	Antimicrobial and DNA Cleavage Studies of New N ₂ O ₂ Diazadioxo Macrocyclic Schiff Base Co(II), Ni(II) and Cu(II) Complexes Containing Triazole Head Unit: Synthesis and Spectroscopic Approach. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010, 47, 816-827.	2.2	7
49	Green synthesis of biologically active transition metal nanoparticles containing novel Schiff base via catalyst free hydrothermal reaction: Structural, biological and morphology study. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4322.	3.5	5
50	Synthesis and spectral studies of oxozirconium(IV) complexes with thiocarbohydrazones. <i>Journal of the Less Common Metals</i> , 1985, 106, 89-93.	0.8	4
51	Synthesis, characterization and fluorescence studies of Th(IV) complexes of Schiff bases derived from 2,6-diformyl-4-methyl phenol and 3-substituted-4-amino-5-mercapto-1,2,4-triazoles. <i>Journal of Coordination Chemistry</i> , 2008, 61, 1827-1838.	2.2	4
52	Scorpionate ligand derived from 1-amino-9H-fluoren-9-ol and its metal (II) complexes as potential anticancer agents. <i>Chemical Data Collections</i> , 2019, 21, 100226.	2.3	4
53	Crystal structure of 3-[(E)-2-(4-phenyl-1,3-thiazol-2-yl)hydrazin-1-ylidene]indolin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, o1177-o1178.	0.2	1