Krishna Naik

List of Publications by Year
in descending order

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53	898	471509	526287
papers	citations	17	27
		h-index	g-index

53	53	53	989
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydroxyacetone derived N4-methyl substituted thiosemicarbazone: Syntheses, crystal structures and spectroscopic characterization of later first-row transition metal complexes. Journal of Molecular Structure, 2021, 1224, 129055.	3.6	4
2	8-Hydroxyquinoline derived p-halo N4-phenyl substituted thiosemicarbazones: Crystal structures, spectral characterization and in vitro cytotoxic studies of their Co(III), Ni(II) and Cu(II) complexes. Bioorganic Chemistry, 2021, 112, 104962.	4.1	25
3	Synthesis, structural characterization, protein binding, DNA cleavage and anticancer activity of fluorophore labelled copper(<scp>ii</scp>) complexes based on 1,8-naphthalimide conjugates. New Journal of Chemistry, 2021, 45, 16319-16332.	2.8	9
4	Fluorophore Tagged Mixed Ligand Copper(II) Complexes: Synthesis, Structural Characterization, Protein Binding, DNA Cleavage and Anticancer Activity. ChemistrySelect, 2021, 6, 12666-12676.	1.5	2
5	Synthesis, structural characterization and biological properties of cyclometalated iridium(iii) complexes containing [1,2,5]-thiadiazolo-[3,4-f]-[1,10]-phenanthroline. New Journal of Chemistry, 2020, 44, 17442-17452.	2.8	2
6	Copper (II) complexes of 3,5â€di‹i›tert‹/i›â€butylâ€2â€hydroxybenzoylhydrazones of 2â€formylpyridine and 2â€acetylpyridine, with tautomeric azineâ€scaffoldâ€based architecture: Synthesis, crystal structures, the effect of counteranions on complexation, and their antiâ€microbial and antiâ€tuberculosis evaluation. Applied Organometallic Chemistry, 2019, 33, e4840.	3.5	26
7	Synthesis, crystal structure and biological properties of a ‹i›cis‹/i›-dichloridobis(diimine)copper(II) complex. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 146-151.	0.5	23
8	Phosphorescent cyclometalated iridium(‹scp›iii‹/scp›) complexes: synthesis, photophysics, DNA interaction, cellular internalization, and cytotoxic activity. New Journal of Chemistry, 2018, 42, 16846-16854.	2.8	11
9	Bis-(2-Hydroxybenzylidene)-1H-Pyrazole 3,5-Dicarbohydrazide as a Novel Chemosensor for the Detection of Endogenous Zinc: A Fluorometric Study. Journal of Fluorescence, 2018, 28, 1105-1114.	2.5	4
10	Luminescent Ruthenium(II) Polypyridyl Complexes as Nonviral Carriers for DNA Delivery. Chemistry - an Asian Journal, 2017, 12, 254-264.	3.3	12
11	Efficient DNA condensation by ruthenium(‹scp›ii‹/scp›) polypyridyl complexes containing triptycenyl functionalized 1,10-phenanthroline. New Journal of Chemistry, 2017, 41, 5513-5520.	2.8	8
12	Synthesis, structural characterization and biological properties of phosphorescent iridium(III) complexes. Journal of Inorganic Biochemistry, 2017, 177, 127-137.	3.5	13
13	[Dichlorido (2-(2-(1H-benzo[d]thiazol-2-yl)hydrazono)propan-1-ol) Cu(II)]: Crystal structure, Hirshfeld surface analysis and correlation of its ESI-MS behavior with [Dichlorido 3-(hydroxyimino)-2-butanone-2-(1H-benzo[d]thiazol-2-yl)hydrazone Cu(II)]. Journal of Molecular Structure, 2017, 1149, 357-366.	3.6	15
14	Evaluation of DNA cleavage, antimicrobial and anti-tubercular activities of potentially active transition metal complexes derived from 2,6-di(benzofuran-2-carbohydrazono)-4-methylphenol. Journal of Molecular Structure, 2017, 1127, 289-295.	3.6	16
15	A fluorophore-labelled copper complex: crystal structure, hybrid cyclic waterâ€“perchlorate cluster and biological properties. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 710-717.	0.5	7
16	Synthesis and spectroscopic characterization of transition metal complexes derived from novel benzofuran hydrazone chelating ligand: DNA cleavage studies and antimicrobial activity with special emphasis on antituberculosis. Applied Organometallic Chemistry, 2016, 30, 181-187.	3.5	14
17	Pd(II) complexes of N(4)â€substituted phenylaminoacetohydrazone and biacetylmonooxime: synthesis, characterization, structures and catalytic behaviour towards Suzukiâ€“Miyaura coupling reactions. Applied Organometallic Chemistry, 2016, 30, 170-180.	3.5	8
18	Hybrid Cyclic Waterâ€“Chloride Cluster Self-assembled in a Ruthenium(II) Polypyridyl Complex. Journal of Chemical Crystallography, 2016, 46, 9-14.	1.1	6

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19	Synthesis, crystal structures and characterization of late first row transition metal complexes derived from thiosemicarbazone hub: DNA binding/cleavage studies. Applied Organometallic Chemistry, 2015, 29, 280-289.	3.5	21
20	Supramolecular architecture and photophysical and biological properties of ruthenium(<scp>ii</scp>) polypyridyl complexes. New Journal of Chemistry, 2015, 39, 3646-3657.	2.8	15
21	Synthesis, Characterization and Ethylene Oligomerization Studies of Nickel Complexes Bearing Novel Bis-Î±-diimine Ligands. Catalysis Letters, 2014, 144, 181-191.	2.6	9
22	Synthesis, crystal structures and characterization of late first row transition metal complexes derived from benzothiazole core: Anti-tuberculosis activity and special emphasis on DNA binding andÂcleavage property. European Journal of Medicinal Chemistry, 2014, 79, 47-56.	5.5	73
23	Design, Synthesis and Characterization of Bimetallic Palladium Complexes for Terminal Olefin Epoxidation. Catalysis Letters, 2014, 144, 1573-1583.	2.6	8
24	Nickel(II) complexes of thiosemicarbazones: synthesis, characterization, X-ray crystallographic studies and in vitro antitubercular and antimicrobial studies. Transition Metal Chemistry, 2014, 39, 519-526.	1.4	15
25	Pyrazole-bridged late first row transition metal complexes derived from hexadentate compartmental ligand: synthesis, characterization, antibacterial activity, and DNA binding/cleavage studies. Medicinal Chemistry Research, 2013, 22, 1948-1956.	2.4	10
26	4-Aminoantipyrine-based Schiff-base transition metal complexes as potent anticonvulsant agents. Medicinal Chemistry Research, 2012, 21, 2273-2279.	2.4	34
27	Phenoxide bridged tetranuclear Co(II), Ni(II), Cu(II) and Zn(II) complexes: Syntheses, characterization and fluorescence studies. Journal of Luminescence, 2012, 132, 2763-2768.	3.1	15
28	Transition metal complexes of thiosemicarbazones with quinoxaline hub: an emphasis on antidiabetic property. Medicinal Chemistry Research, 2012, 21, 663-671.	2.4	68
29	Synthesis and structure of transition metal complexes derived from a novel polynucleating oxaza macrocycle having diazine and phenoxo bridging components. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2012, 72, 149-155.	1.6	3
30	Synthesis, antimicrobial screening, and DNA-binding/cleavage of new pyrazole-based binuclear Co^{II}, Ni^{II}, Cu^{II}, and Zn^{II} complexes. Journal of Coordination Chemistry, 2011, 64, 725-741.	2.2	22
31	Coordination chemistry of a new tetranucleating 26-membered polyaza macropolycyclic ligand and a novel phenolate/phthalazine-bridged copper(II) and zinc(II) complexes. Supramolecular Chemistry, 2011, 23, 342-350.	1.2	1
32	Exploration on structure and anticonvulsant activity of transition metal complexes derived from an â€œend-offâ€•compartmental bis-quinoxaline derivative with phthalazinyl-diazine as endogenous bridge. Monatshefte FÃ¼r Chemie, 2011, 142, 487-494.	1.8	11
33	Synthesis, characterization, antibiogram and DNA binding studies of novel Co(II), Ni(II), Cu(II), and Zn(II) complexes of Schiff base ligands with quinoline core. Medicinal Chemistry Research, 2011, 20, 421-429.	2.4	34
34	Transition metal complexes of pyrazole head 24-membered polyazamacrocyclic bimetal cores: synthesis, characterization, electrochemistry and spectral study. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 66, 327-333.	1.6	14
35	Bi- and tetranuclear ligational deeds of a polyaza macrocycle having four diazine (N2) bridging components headed for CoII, NiII, CuII and ZnII ions: An emphasis on electrochemistry of non-innocent ligand system. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 67, 217-223.	1.6	7
36	Interaction of E. coli DNA with diazine-bridged late first row transition metal complexes derived from hexadentate compartmental ligands: an approach to DNA cleavage/binding studies. Transition Metal Chemistry, 2010, 35, 649-658.	1.4	22

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37	Construction of mononuclear transition metal(II) complexes with bi- and tridentate, neutral hydrazone ligands with a quinoxaline hub. Journal of Coordination Chemistry, 2010, 63, 2172-2180.	2.2	9
38	Spectroscopy, structure, and electrochemistry of transition metal complexes having [M2N2OS2] coordination sphere. Journal of Coordination Chemistry, 2010, 63, 3301-3312.	2.2	8
39	Spectroscopy, Electrochemistry, and Structure of 3d-Transition Metal Complexes of Thiosemicarbazones with Quinoline Core: Evaluation of Antimicrobial Property. Spectroscopy Letters, 2010, 43, 235-246.	1.0	19
40	Ligational behavior of S, N, and O donor quinoxaline derivatives toward the later first-row transition metal ions. Journal of Coordination Chemistry, 2010, 63, 1785-1794.	2.2	16
41	Versatility in the coordination behavior of a hexatopic compartmental Schiff-base ligand in the architecture of binuclear transition metal(II) complexes. Journal of Coordination Chemistry, 2010, 63, 1430-1439.	2.2	7
42	Binuclear transition metal complexes of bicompartmental SNO donor ligands: synthesis, characterization, and electrochemistry. Journal of Coordination Chemistry, 2010, 63, 1451-1461.	2.2	17
43	Ligational behavior of a bidentate coumarin derivative towards Co^{II}, Ni^{II}, and Cu^{II}: synthesis, characterization, electrochemistry, and antimicrobial studies. Journal of Coordination Chemistry, 2009, 62, 3961-3968.	2.2	29
44	Ligational behavior of new mononucleating SNOO thiosemicarbazone ligands towards 3d metal(II) ions: synthesis and spectroscopic studies. Transition Metal Chemistry, 2008, 33, 361-366.	1.4	17
45	Spectroscopic studies of bridged binuclear complexes of Co(II), Ni(II), Cu(II) and Zn(II). Transition Metal Chemistry, 2007, 32, 81-87.	1.4	36
46	Title is missing!. Transition Metal Chemistry, 2002, 27, 333-336.	1.4	28
47	Symmetric binuclear complexes with an â€˜end-offâ€™ compartmental Schiff base ligand. Transition Metal Chemistry, 2002, 27, 316-320.	1.4	54
48	Thiocarbohydrazide as ``Diamine'' to Construct Macrocyclic and Side-Off Compartmental Ligands. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2002, 43, 291-297.	1.6	18
49	Design, synthesis and physico-chemical investigation of a dinuclear zinc(II) complex with a novel â€˜end-offâ€™ compartmental ligand. Journal of Chemical Sciences, 2001, 113, 285-290.	1.5	27
50	Oxomolybdenum(VI) and (V) complexes with 6â€“methyl-4â€“hydroxypyrimidinyl hydrazones. Transition Metal Chemistry, 1998, 23, 625-628.	1.4	10
51	Synthesis and characterisation of molybdenum (V) and (VI) complexes of 2, 6-diformyl-p-cresol-bis[4-(X-phenyl) thiosemicarbazone]. Journal of Chemical Sciences, 1997, 109, 7-13.	1.5	6
52	Oxomolybdenum(V) complexes of 2-benzothiazolyl hydrazones. Transition Metal Chemistry, 1996, 21, 401-405.	1.4	8
53	Syntheses and structural characterization of metal complexes of antitubercular activity. Journal of Coordination Chemistry, 0, , 1-13.	2.2	2