

Krishna Naik

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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 and cleavage property. <i>European Journal of Medicinal Chemistry</i> , 2014, 79, 47-56.	5.5	73
2	Transition metal complexes of thiosemicarbazones with quinoxaline hub: an emphasis on antidiabetic property. <i>Medicinal Chemistry Research</i> , 2012, 21, 663-671.	2.4	68
3	Symmetric binuclear complexes with an "end-off"™ compartmental Schiff base ligand. <i>Transition Metal Chemistry</i> , 2002, 27, 316-320.	1.4	54
4	Spectroscopic studies of bridged binuclear complexes of Co(II), Ni(II), Cu(II) and Zn(II). <i>Transition Metal Chemistry</i> , 2007, 32, 81-87.	1.4	36
5	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. <i>Medicinal Chemistry Research</i> , 2011, 20, 421-429.	2.4	34
6	4-Aminoantipyrine-based Schiff-base transition metal complexes as potent anticonvulsant agents. <i>Medicinal Chemistry Research</i> , 2012, 21, 2273-2279.	2.4	34
7	Ligational behavior of a bidentate coumarin derivative towards Co ^{II} , Ni ^{II} , and Cu ^{II} : synthesis, characterization, electrochemistry, and antimicrobial studies. <i>Journal of Coordination Chemistry</i> , 2009, 62, 3961-3968.	2.2	29
8	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 333-336.	1.4	28
9	Design, synthesis and physico-chemical investigation of a dinuclear zinc(II) complex with a novel "end-off"™ compartmental ligand. <i>Journal of Chemical Sciences</i> , 2001, 113, 285-290.	1.5	27
10	Copper (II) complexes of 3,5-di- <i>tert</i> -butyl-2-hydroxybenzoylhydrazones of 2-formylpyridine and 2-acetylpyridine, with tautomeric azine scaffold based architecture: Synthesis, crystal structures, the effect of counteranions on complexation, and their antimicrobial and anti-tuberculosis evaluation. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4840.	3.5	26
11	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. <i>Bioorganic Chemistry</i> , 2021, 112, 104962.	4.1	25
12	Synthesis, crystal structure and biological properties of a <i>cis</i> -dichloridobis(diimine)copper(II) complex. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 146-151.	0.5	23
13	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. <i>Transition Metal Chemistry</i> , 2010, 35, 649-658.	1.4	22
14	Synthesis, antimicrobial screening, and DNA-binding/cleavage of new pyrazole-based binuclear Co ^{II} , Ni ^{II} , Cu ^{II} , and Zn ^{II} complexes. <i>Journal of Coordination Chemistry</i> , 2011, 64, 725-741.	2.2	22
15	Synthesis, crystal structures and characterization of late first row transition metal complexes derived from thiosemicarbazone hub: DNA binding/cleavage studies. <i>Applied Organometallic Chemistry</i> , 2015, 29, 280-289.	3.5	21
16	Spectroscopy, Electrochemistry, and Structure of 3d-Transition Metal Complexes of Thiosemicarbazones with Quinoline Core: Evaluation of Antimicrobial Property. <i>Spectroscopy Letters</i> , 2010, 43, 235-246.	1.0	19
17	Thiocarbohydrazide as "Diamine" to Construct Macrocyclic and Side-Off Compartmental Ligands. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 43, 291-297.	1.6	18
18	Ligational behavior of new mononucleating SNOO thiosemicarbazone ligands towards 3d metal(II) ions: synthesis and spectroscopic studies. <i>Transition Metal Chemistry</i> , 2008, 33, 361-366.	1.4	17

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19	Binuclear transition metal complexes of bicompartamental SNO donor ligands: synthesis, characterization, and electrochemistry. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1451-1461.	2.2	17
20	Ligational behavior of S, N, and O donor quinoxaline derivatives toward the later first-row transition metal ions. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1785-1794.	2.2	16
21	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. <i>Journal of Molecular Structure</i> , 2017, 1127, 289-295.	3.6	16
22	Phenoxide bridged tetranuclear Co(II), Ni(II), Cu(II) and Zn(II) complexes: Syntheses, characterization and fluorescence studies. <i>Journal of Luminescence</i> , 2012, 132, 2763-2768.	3.1	15
23	Nickel(II) complexes of thiosemicarbazones: synthesis, characterization, X-ray crystallographic studies and in vitro antitubercular and antimicrobial studies. <i>Transition Metal Chemistry</i> , 2014, 39, 519-526.	1.4	15
24	Supramolecular architecture and photophysical and biological properties of ruthenium(II) polypyridyl complexes. <i>New Journal of Chemistry</i> , 2015, 39, 3646-3657.	2.8	15
25	[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)hydrazono Cu(II)]. <i>Journal of Molecular Structure</i> , 2017, 1149, 357-366.	3.6	15
26	Transition metal complexes of pyrazole head 24-membered polyazamacrocyclic bimetal cores: synthesis, characterization, electrochemistry and spectral study. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 66, 327-333.	1.6	14
27	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. <i>Applied Organometallic Chemistry</i> , 2016, 30, 181-187.	3.5	14
28	Synthesis, structural characterization and biological properties of phosphorescent iridium(III) complexes. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 127-137.	3.5	13
29	Luminescent Ruthenium(II) Polypyridyl Complexes as Nonviral Carriers for DNA Delivery. <i>Chemistry - an Asian Journal</i> , 2017, 12, 254-264.	3.3	12
30	Exploration on structure and anticonvulsant activity of transition metal complexes derived from an α - ω -bicompartamental bis-quinoxaline derivative with phthalazinyldiazine as endogenous bridge. <i>Monatshefte für Chemie</i> , 2011, 142, 487-494.	1.8	11
31	Phosphorescent cyclometalated iridium(III) complexes: synthesis, photophysics, DNA interaction, cellular internalization, and cytotoxic activity. <i>New Journal of Chemistry</i> , 2018, 42, 16846-16854.	2.8	11
32	Oxomolybdenum(VI) and (V) complexes with 6-methyl-4-hydroxypyrimidinyl hydrazones. <i>Transition Metal Chemistry</i> , 1998, 23, 625-628.	1.4	10
33	Pyrazole-bridged late first row transition metal complexes derived from hexadentate compartmental ligand: synthesis, characterization, antibacterial activity, and DNA binding/cleavage studies. <i>Medicinal Chemistry Research</i> , 2013, 22, 1948-1956.	2.4	10
34	Construction of mononuclear transition metal(II) complexes with bi- and tridentate, neutral hydrazone ligands with a quinoxaline hub. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2172-2180.	2.2	9
35	Synthesis, Characterization and Ethylene Oligomerization Studies of Nickel Complexes Bearing Novel Bis- β -diimine Ligands. <i>Catalysis Letters</i> , 2014, 144, 181-191.	2.6	9
36	Synthesis, structural characterization, protein binding, DNA cleavage and anticancer activity of fluorophore labelled copper(II) complexes based on 1,8-naphthalimide conjugates. <i>New Journal of Chemistry</i> , 2021, 45, 16319-16332.	2.8	9

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37	Oxomolybdenum(V) complexes of 2-benzothiazolyl hydrazones. <i>Transition Metal Chemistry</i> , 1996, 21, 401-405.	1.4	8
38	Spectroscopy, structure, and electrochemistry of transition metal complexes having [M ₂ N ₂ OS ₂] coordination sphere. <i>Journal of Coordination Chemistry</i> , 2010, 63, 3301-3312.	2.2	8
39	Design, Synthesis and Characterization of Bimetallic Palladium Complexes for Terminal Olefin Epoxidation. <i>Catalysis Letters</i> , 2014, 144, 1573-1583.	2.6	8
40	Pd(II) complexes of N(4)-substituted phenylaminoacetohydrazone and biacetylmonooxime: synthesis, characterization, structures and catalytic behaviour towards Suzuki-Miyaura coupling reactions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 170-180.	3.5	8
41	Efficient DNA condensation by ruthenium(II) polypyridyl complexes containing triptycyl functionalized 1,10-phenanthroline. <i>New Journal of Chemistry</i> , 2017, 41, 5513-5520.	2.8	8
42	Bi- and tetranuclear ligational deeds of a polyaza macrocycle having four diazine (N ₂) bridging components headed for CoII, NiII, CuII and ZnII ions: An emphasis on electrochemistry of non-innocent ligand system. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 217-223.	1.6	7
43	Versatility in the coordination behavior of a hexatopic compartmental Schiff-base ligand in the architecture of binuclear transition metal(II) complexes. <i>Journal of Coordination Chemistry</i> , 2010, 63, 1430-1439.	2.2	7
44	A fluorophore-labelled copper complex: crystal structure, hybrid cyclic water-perchlorate cluster and biological properties. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 710-717.	0.5	7
45	Hybrid Cyclic Water-Chloride Cluster Self-assembled in a Ruthenium(II) Polypyridyl Complex. <i>Journal of Chemical Crystallography</i> , 2016, 46, 9-14.	1.1	6
46	Synthesis and characterisation of molybdenum (V) and (VI) complexes of 2,6-diformyl-p-cresol-bis[4-(X-phenyl) thiosemicarbazone]. <i>Journal of Chemical Sciences</i> , 1997, 109, 7-13.	1.5	6
47	Bis-(2-Hydroxybenzylidene)-1H-Pyrazole 3,5-Dicarbohydrazide as a Novel Chemosensor for the Detection of Endogenous Zinc: A Fluorometric Study. <i>Journal of Fluorescence</i> , 2018, 28, 1105-1114.	2.5	4
48	Hydroxyacetone derived N4-methyl substituted thiosemicarbazone: Syntheses, crystal structures and spectroscopic characterization of later first-row transition metal complexes. <i>Journal of Molecular Structure</i> , 2021, 1224, 129055.	3.6	4
49	Synthesis and structure of transition metal complexes derived from a novel polynucleating oxaza macrocycle having diazine and phenoxo bridging components. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 149-155.	1.6	3
50	Synthesis, structural characterization and biological properties of cyclometalated iridium(III) complexes containing [1,2,5]-thiadiazolo-[3,4-f]-[1,10]-phenanthroline. <i>New Journal of Chemistry</i> , 2020, 44, 17442-17452.	2.8	2
51	Syntheses and structural characterization of metal complexes of antitubercular activity. <i>Journal of Coordination Chemistry</i> , 0, , 1-13.	2.2	2
52	Fluorophore Tagged Mixed Ligand Copper(II) Complexes: Synthesis, Structural Characterization, Protein Binding, DNA Cleavage and Anticancer Activity. <i>ChemistrySelect</i> , 2021, 6, 12666-12676.	1.5	2
53	Coordination chemistry of a new tetranucleating 26-membered polyaza macropolycyclic ligand and a novel phenolate/phthalazine-bridged copper(II) and zinc(II) complexes. <i>Supramolecular Chemistry</i> , 2011, 23, 342-350.	1.2	1