

Ram Chatritra Maurya

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Nd(III), Th(IV), and UO ₂ (VI) with schiff bases derived from sulfa drugs, viz., Sulfanilamide/Sulfamerazine and o-vanillin. Spectroscopy Letters, 1999, 32, 213-236.	1.0	68
2	Pyrone-based Cu(II) complexes, their characterization, DFT based conformational drift from square planar to square pyramidal geometry and biological activities. Journal of Chemical Sciences, 2016, 128, 511-522.	1.5	36
3	Synthesis and characterization of Mixed-Ligand Complexes of Cu(II), Ni(II), Co(II), Zn(II), Sm(III), and U(VI)O ₂ , with a Schiff Base Derived from the Sulfa Drug Sulfamerazine and 2,2'-Bipyridine. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2003, 33, 801-816.	1.8	35
4	Density functionalized [Ru II (NO)(Salen)(Cl)] complex: Computational photodynamics and in vitro anticancer facets. Photodiagnosis and Photodynamic Therapy, 2017, 19, 363-374.	2.6	35
5	OXOVANADIUM(IV) COMPLEXES OF BIOINORGANIC AND INDUSTRIAL RELEVANCE: SYNTHESIS AND CHARACTERIZATION OF SOME OXOVANADIUM(IV) COMPLEXES INVOLVING SCHIFF BASES DERIVED FROM BIOLOGICALLY ACTIVE 4-BENZOYL-3-METHYL-1-PHENYL-2-PYRAZOLIN-5-ONE AND CERTAIN AROMATIC AMINES. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2002, 32, 231-246.	1.8	31
6	Nitric oxide as a therapeutic option for COVID-19 treatment: a concise perspective. New Journal of Chemistry, 2021, 45, 1774-1784.	2.8	30
7	The Coordination Chemistry of Dioxouranium(VI): Studies on Some Novel Di- and Trinuclear Dioxouranium(VI) Complexes with Pyrazolone Based Schiff Bases. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1998, 28, 1265-1281.	1.8	24
8	A gentle introduction to gasotransmitters with special reference to nitric oxide: biological and chemical implications. Reviews in Inorganic Chemistry, 2018, 38, 193-220.	4.1	23
9	Nitric oxide functionalized molybdenum(0) pyrazolone Schiff base complexes: thermal and biochemical study. RSC Advances, 2018, 8, 35102-35130.	3.6	20
10	Bacterial sensitivity and SOD behavior of N-pyrone glucosamine Schiff base Fe(III) complex: conjoint experimental-DFT evaluation. Journal of Coordination Chemistry, 2017, 70, 3199-3216.	2.2	18
11	Synthesis and Characterisation of Some Novel <i>cis</i> -Dioxo - Molybdenum(VI) Complexes of Schiff Bases Derived from Salicylaldehyde. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1995, 25, 437-449.	1.8	17
12	Oxidoperoxidomolybdenum(VI) complexes involving 4-formyl-3-methyl-1-phenyl-2-pyrazoline-5-one and some β -diketoenolates. Journal of Thermal Analysis and Calorimetry, 2016, 124, 57-70.	3.6	17
13	A new Ru(II) carbonyl complex of 2-benzoylpyridine: medicinal and material evaluation at the computational-experimental convergence. Journal of the Chinese Advanced Materials Society, 2018, 6, 156-168.	0.7	16
14	Synthesis and Characterization of Some Novel Hexa-coordinated Mixed-Ligand Cyanonitrosyl {CrNO} Complexes of Chromium with some Potentially Mono- and Bi-Dentate 5-Pyrazolone Derivatives. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1989, 19, 533-544.	1.8	15
15	Conjoint experimental-theoretical evaluation of pyrone-salicylic acid hydrazide copper(II) Schiff base complexes: their synthesis, SOD and electrochemical fronts. Journal of the Chinese Advanced Materials Society, 2018, 6, 55-80.	0.7	14
16	Studies on Some Mixed-Ligand Chelates of Cobalt(II) Involving Acetoacetylarylamides and Biologically Active Heterocyclic Oxygen Donors. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1997, 27, 1453-1466.	1.8	12
17	Nitric oxide-releasing molecules at the interface of inorganic chemistry and biology: a concise overview. Reviews in Inorganic Chemistry, 2019, 39, 91-112.	4.1	12
18	Physiological and pathophysiological implications of hydrogen sulfide: a persuasion to change the fate of the dangerous molecule. Journal of the Chinese Advanced Materials Society, 2018, 6, 434-458.	0.7	11

#	ARTICLE	IF	CITATIONS
19	<i>cis</i> -Dioxomolybdenum(VI) complex of <i>N</i> - <i>o</i> -hydroxyacetophenone-isonicotinic acid hydrazide as nosocomial anti-infectious agent: experimental and theoretical study. Journal of the Chinese Advanced Materials Society, 2018, 6, 282-300.	0.7	11
20	Nitric oxide boosters as defensive agents against COVID-19 infection: an opinion. Journal of Biomolecular Structure and Dynamics, 2022, 40, 4285-4291.	3.5	11
21	A Single-Step and Virtually Single Pot Synthesis of some Cynonitrosyl {Mn(NO) ₂ } ₇ Complexes of Manese(O) Involving 2/3-Pyrazoline-5-One Derivatives Directly from Manganate(VII), and Their Characterization. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1998, 28, 1159-1171.	1.8	10
22	Molybdenum dinitrosyl Schiff base complexes of dehydroacetic acid and thiourea derivatives: DFT experimental characterization and nosocomial anti-infectious implications. Journal of the Chinese Chemical Society, 2019, 66, 651-659.	1.4	10
23	Quinoline and pyrazolone functionalized <i>cis</i> -dioxomolybdenum(VI) complexes: synthesis, hyphenated experimental-DFT studies and bactericidal implications. Journal of Coordination Chemistry, 2018, 71, 3860-3873.	2.2	9
24	Bio-conjugated <i>N</i> -(2-hydroxy-1-naphthaldehyde)-glucosamine Cu(II) complex: Bacterial sensitivity and superoxide dismutase-like activity. Journal of Coordination Chemistry, 2018, 71, 2225-2242.	2.2	9
25	Synthesis, Magnetic, Thermal, and Spectral Studies of Some Chelates of Cu(II), Ni(II), Zn(II), Co(II), Mn(II), Sm(III), and Th(IV) Involving Aroylhydrazones Derived from Isonicotinic Acid Hydrazide and 2-Furyl Methyl and 2-Thienyl Methyl Ketone. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2003, 33, 1857-1876.	1.8	8
26	Synthesis, spectral, FMOs and NLO properties based on DFT calculations of dioxidomolybdenum(VI) complex. Journal of Coordination Chemistry, 2021, 74, 584-597.	2.2	7
27	Experimental and theoretical insights of a novel molybdenum(0) nicotine complex containing CN and NO as co-ligands. Journal of the Chinese Advanced Materials Society, 2018, 6, 620-639.	0.7	6
28	An old oxovanadium(IV) complex of <i>N</i> -(salicylidene)sulfanilamide: theoretical validity of experimental observations. Inorganic and Nano-Metal Chemistry, 2018, 48, 412-420.	1.6	3
29	A novel oxovanadium(IV) complex containing pyranone appended glucosamine Schiff base: synthesis, characterization and DFT evaluation. Journal of Coordination Chemistry, 2020, 73, 2906-2918.	2.2	3
30	A Nonclinical Spectroscopic Approach for Diagnosing Covid-19: A Concise Perspective. Journal of Applied Spectroscopy, 2021, 88, 765-771.	0.7	3
31	Synthesis, density functional theory, molecular docking and antioxidant studies of ruthenium(II) carbonyl complex of <i>N</i> -dehydroacetic acid-4-aminoantipyrene. Journal of Coordination Chemistry, 2022, 75, 1256-1272.	2.2	2
32	NO, CO and H ₂ S based pharmaceuticals in the mission of vision (eye health): a comprehensive review. Reviews in Inorganic Chemistry, 2022, 42, 179-195.	4.1	1
33	Formulation, Molecular Charge Topography, and Nosocomial Anti-Infectious Potential of Ruthenium Carbonyl Complex of <i>N</i> - <i>o</i> -Hydroxyacetophenone-Ethylenediamine- <i>N</i> - <i>o</i> -Vanillin. Journal of Transition Metal Complexes, 2021, 4, 1-9.	0.5	0
34	Experimental and theoretical evaluation of <i>N</i> -pyridoxal-salicylic acid hydrazide derived copper(II) complex with 2-methylimidazole. Journal of Biomolecular Structure and Dynamics, 0, , 1-12.	3.5	0