Nanhai Singh

List of Publications by Year
in descending order

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67	1,522	304701	361001
papers	citations	22 h-index	35 g-index

67	67	67	1007
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, Structure and Lightâ€Harvesting Properties of Some New Transitionâ€Metal Dithiocarbamates Involving Ferrocene. Chemistry - A European Journal, 2010, 16, 4307-4314.	3.3	120
2	Photosensitizing activity of ferrocenyl bearing Ni(ii) and Cu(ii) dithiocarbamates in dye sensitized TiO2 solar cells. Dalton Transactions, 2014, 43, 4752.	3.3	72
3	Efficient phenylmercury(ii) methylferrocenyldithiocarbamate functionalized dye-sensitized solar cells. Dalton Transactions, 2010, 39, 9779.	3.3	66
4	Syntheses, crystal, photoluminescence and electrochemical investigation of some new phenylmercury(ii) dithiocarbamate complexes involving ferrocene. Dalton Transactions, 2010, 39, 2667.	3.3	51
5	Intermolecular anagostic interactions in group 10 metal dithiocarbamates. CrystEngComm, 2014, 16, 9299-9307.	2.6	51
6	Syntheses, crystal and molecular structures, and properties of some new phenylmercury(ii) dithiolate complexes. Dalton Transactions, 2008, , 4999.	3.3	49
7	The interplay of secondary Hgâ‹¯S, Hgâ‹¯N and Hgâ‹¯Ï€ bonding interactions in supramolecular structures of phenylmercury(ii) dithiocarbamates. CrystEngComm, 2011, 13, 6817.	2.6	48
8	Impact of Ligand Framework on the Crystal Structures and Luminescent Properties of Cu(I) and Ag(I) Clusters and a Coordination Polymer Derived from Thiolate/Iodide/dppm Ligands. Inorganic Chemistry, 2015, 54, 2572-2579.	4.0	48
9	Unusual Câ€“Hâ‹¯Ni anagostic interactions in new homoleptic Ni(ii) dithio complexes. CrystEngComm, 2013, 15, 4676.	2.6	46
10	Cooperative Metalâ€“Ligandâ€Induced Properties of Heteroleptic Copper(I) Xanthate/Dithiocarbamate PPh‹sub›3‹/sub› Complexes. European Journal of Inorganic Chemistry, 2012, 2012, 3885-3891.	2.0	43
11	Rare intermolecular Mâ‹¯Hâ€“C anagostic interactions in homoleptic Ni(‹scp›ii‹/scp›)â€“Pd(‹scp›ii‹/scp›) dithiocarbamate complexes. New Journal of Chemistry, 2015, 39, 5493-5499.	2.8	39
12	Unprecedented coordination of dithiocarbimate in multinuclear and heteroleptic complexes. Dalton Transactions, 2011, 40, 623-631.	3.3	38
13	Synthesis, Structure, Conductivity, and Calculated Nonlinear Optical Properties of Two Novel Bis(triphenylphosphane)copper(I) Dithiocarbamates. European Journal of Inorganic Chemistry, 2009, 2009, 2720-2725.	2.0	37
14	Influence of ligand environments on the structures and luminescence properties of homoleptic cadmium(ii) pyridyl functionalized dithiocarbamates. CrystEngComm, 2014, 16, 6765.	2.6	35
15	Influence of functionalities on the structure and luminescent properties of organotin(IV) dithiocarbamate complexes. Journal of Organometallic Chemistry, 2015, 787, 65-72.	1.8	35
16	Self assembly of homoleptic Ni(ii) dithiocarbamates and dithiocarbimates via Niâ‹¯Hâ€“C anagostic and Câ€“Hâ‹¯Ï€ (chelate) interactions. CrystEngComm, 2013, 15, 10255.	2.6	34
17	Enhanced light harvesting efficiencies of bis(ferrocenylmethyl)-based sulfur rich sensitizers used in dye sensitized TiO‹sub›2‹/sub›solar cells. Dalton Transactions, 2012, 41, 1373-1380.	3.3	31
18	Intermolecular Tlâ‹¯Hâ€“C anagostic interactions in luminescent pyridyl functionalized thallium(‹scp›i‹/scp›) dithiocarbamates. Dalton Transactions, 2015, 44, 1716-1723.	3.3	31

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19	Syntheses, crystal structures and conducting properties of new homoleptic copper (II) dithiocarbamate complexes. Inorganica Chimica Acta, 2013, 408, 145-151.	2.4	28
20	Effect of pyridyl substituents leading to the formation of green luminescent mercury(<scp>ii</scp>) coordination polymers, zinc(<scp>ii</scp>) dimers and a monomer. New Journal of Chemistry, 2014, 38, 3737.	2.8	28
21	Synthesis, X-ray crystal structures and properties of complex salts and sterically crowded heteroleptic complexes of group 10 metal ions with aromatic sulfonyl dithiocarbimates and triphenylphosphine ligand. Inorganica Chimica Acta, 2010, 363, 3589-3596.	2.4	26
22	Impact of ferrocenyl and pyridyl groups attached to dithiocarbamate moieties on crystal structures and luminescent characteristics of group 12 metal complexes. Journal of Organometallic Chemistry, 2016, 820, 62-69.	1.8	23
23	Exploring the coordinative behaviour and molecular architecture of new PhHg(II)/Hg(II) dithiocarbamate complexes. Inorganica Chimica Acta, 2014, 421, 210-217.	2.4	22
24	Complex salt and heterobimetallic complexes derived from bis(1-ethoxycarbonyl-1-cyanoethylene-2,2-dithiolato) diargentate(I) ion: preparation, spectroscopic investigation and electrical conductance properties. Polyhedron, 1999, 18, 1265-1271.	2.2	19
25	Syntheses, crystal structures and photoluminescent properties of new heteroleptic Ni(II) and Pd(II) complexes of ferrocene functionalized dithiocarbamate-and dipyrromethene ligands. Inorganic Chemistry Communication, 2013, 37, 151-154.	3.9	19
26	Versatile coordination environment and interplay of metal assisted secondary interactions in the organization of supramolecular motifs in new Hg(II)/PhHg(II) dithiolates. Polyhedron, 2014, 69, 225-233.	2.2	19
27	Influence of ligand environment on the structure and properties of silver(<scp>i</scp>) dithiocarbamate cluster-based coordination polymers and dimers. New Journal of Chemistry, 2014, 38, 4478-4485.	2.8	18
28	Influence of the ligand frameworks on the coordination environment and properties of new phenylmercury(<scp>ii</scp>) Î²-oxodithioester complexes. Dalton Transactions, 2015, 44, 5909-5916.	3.3	18
29	Effect of functionalities on the crystal structures of new zinc(<scp>ii</scp>) dithiocarbamates: a combined anti-leishmanial and thermal decomposition study. CrystEngComm, 2017, 19, 2660-2672.	2.6	18
30	Facile in situcopper(<scp>ii</scp>) mediated Câ€“S bond activation transforming dithiocarbimate to carbamate and thiocarbamate generating Cu(<scp>ii</scp>) and Cu(<scp>i</scp>) complexes. Dalton Transactions, 2012, 41, 367-369.	3.3	17
31	Syntheses and structural characterization of new heteroleptic 1,1â€²-bis(diphenylphosphino)ferrocene-dithio complexes of Ni, Pd and Pt: Their uses as sensitizers in TiO2 dye sensitized solar cells. Journal of Organometallic Chemistry, 2013, 745-746, 190-200.	1.8	17
32	Light harvesting properties of some new heteroleptic dithiocarbimateâ€“diamine/diimine complexes of Ni, Pd and Pt studied as photosensitizer in dye-sensitized TiO₂solar cells. New Journal of Chemistry, 2014, 38, 97-108.	2.8	17
33	Highly efficient structurally characterised novel precatalysts: di- and mononuclear heteroleptic Cu(<scp>i</scp>) dixanthate/xanthateâ€“phosphine complexes for azideâ€“alkyne cycloadditions. New Journal of Chemistry, 2019, 43, 8939-8949.	2.8	17
34	Effect of Substituents on the Crystal Structures, Optical Properties, and Catalytic Activity of Homoleptic Zn(II) and Cd(II) Î²-oxodithioester Complexes. Inorganic Chemistry, 2020, 59, 11417-11431.	4.0	17
35	Ferrocene-Functionalized Dithiocarbamate Zinc(II) Complexes as Efficient Bifunctional Catalysts for the One-Pot Synthesis of Chromene and Imidazopyrimidine Derivatives via Knoevenagel Condensation Reaction. Inorganic Chemistry, 2021, 60, 6446-6462.	4.0	17
36	Preparation, spectroscopic investigation and antibacterial activity of some organomercury(II) and organotin(IV) dithio complexes. Applied Organometallic Chemistry, 2000, 14, 484-492.	3.5	16

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37	Cooperative influence of ligand frameworks in sustaining supramolecular architectures of Ni(II)/Pd(II) heteroleptic dithio-dipyrrin complexes via non-covalent interactions. Polyhedron, 2015, 89, 304-312.	2.2	16
38	Organoheterobimetallic cyanodithioimidocarbonates and their I2-doped products: Synthesis, characterization and conducting properties. Synthetic Metals, 2008, 158, 442-446.	3.9	15
39	Syntheses, crystal structures and properties of sterically congested heteroleptic complexes of group 10 metal ions with p-tolylsulfonyl dithiocarbimate and 1,2-bis (diphenylphosphino) ethane. Inorganic Chemistry Communication, 2010, 13, 1451-1454.	3.9	15
40	Influence of functionalities over polymer, trimer, dimer formation and optical properties of cadmium dithiocarbamates. Polyhedron, 2016, 117, 592-599.	2.2	15
41	Spontaneous Resolution upon Crystallization and Preferential Induction of Chirality in a Discrete Tetrahedral Zinc(II) Complex Comprised of Achiral Precursors. Inorganic Chemistry, 2019, 58, 14449-14456.	4.0	15
42	Catalytic activity of new heteroleptic [Cu(PPh3)2(Î²-oxodithioester)] complexes: click derived triazolyl glycoconjugates. New Journal of Chemistry, 2019, 43, 1166-1176.	2.8	15
43	Syntheses, crystal structures and optical properties of heteroleptic copper(I) dithio/PPh3 complexes. Polyhedron, 2014, 79, 324-329.	2.2	14
44	Cooperative metalâ€“ligand influence on the formation of coordination polymers, and conducting and photophysical properties of Tl(i) Î²-oxodithioester complexes. Dalton Transactions, 2018, 47, 16264-16278.	3.3	14
45	Homoleptic d10 metal complexes containing ferrocenyl functionalized dithiocarbamates as sensitizers for TiO2 based dye-sensitized solar cells. Solar Energy, 2018, 176, 312-319.	6.1	13
46	Solid state electrical conductance properties of some new bimetallic salts and heterometallic coordination polymers derived from bis (1-ethoxycarbonyl-1-cyanoethylene-2,2-dithiolato) cuprate(II) ion. Synthetic Metals, 1999, 107, 167-174.	3.9	12
47	New planar trans-copper(II) Î²-dithioester chelate complexes: synthesis, characterization, anticancer activity and DNA-binding/cleavage studies. Journal of Coordination Chemistry, 2017, 70, 565-583.	2.2	12
48	New heteroleptic [Ni(<scp>ii</scp>) 1,1-dithiolate-phosphine] complexes: synthesis, characterization and electrocatalytic oxygen evolution studies. Dalton Transactions, 2020, 49, 3592-3605.	3.3	12
49	Synthesis, characterization and conducting properties of complex salts and heterobimetallic coordination polymers of the cyanodithioimidocarbonato ligand. Inorganic Chemistry Communication, 2006, 9, 1058-1062.	3.9	11
50	Anti-leishmanial activity of Ni(<scp>ii</scp>), Pd(<scp>ii</scp>) and Pt(<scp>ii</scp>) Î²-oxodithioester complexes. New Journal of Chemistry, 2015, 39, 6358-6366.	2.8	11
51	Synthesis, Crystal Structures and Photosensitizing Activities of Ni(II) and Pd(II) Heteroleptic Dithiolateâ€“dppf Complexes. ChemistrySelect, 2017, 2, 2655-2664.	1.5	11
52	Highly efficient and recyclable pre-catalysts based on mono- and dinuclear heteroleptic Cu(I) dithio-PPh3 complexes to produce variety of glycoconjugate triazoles. Molecular Catalysis, 2019, 470, 152-163.	2.0	11
53	Impact of substituents on the crystal structures and anti-leishmanial activity of new homoleptic Bi(<scp>iii</scp>) dithiocarbamates. New Journal of Chemistry, 2019, 43, 16921-16931.	2.8	11
54	Synthesis and characterization of new square planar heteroleptic cationic complexes [Ni(ii) Î²-oxodithioester-dppe]+; their use as a catalyst for Chanâ€“Lam coupling. New Journal of Chemistry, 2020, 44, 12143-12153.	2.8	10

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55	Synthesis, structure and calculated NLO properties of [(n-Bu)2Sn-Î¼-O-Î¼-OH-Sn(n-Bu)2(CH3CO2)]2 and its putative derivatives. Inorganic Chemistry Communication, 2009, 12, 686-690.	3.9	9
56	Potential Impact of Substituents on the Crystal Structures and Properties of Tl(I) Ferrocenyl/Picolylâ€Functionalized Dithiocarbamates; Tlâ‹¯Hâ€Anagostic Interactions. ChemistrySelect, 2016, 1, 5733-5742.	1.5	8
57	Polyoxomolybdate(VI) anion stabilized by ammonium cation via CS₂ elimination from N-benzyl-N-methylferrocenyl dithiocarbamate. Journal of Coordination Chemistry, 2012, 65, 431-438.	2.2	7
58	Synthesis, crystal structures and conducting properties of heteroleptic nickel(II) 1,1-dithiolate-bpy/dppe ligand complexes. Polyhedron, 2015, 101, 251-256.	2.2	7
59	A New Series of Heteroleptic Cd(II) Diimineâ€Ferrocenyl Dithiocarbamate Complexes which Successfully Coâ€Sensitizes TiO₂ Photoanode with Ru N719 Dye in DSSC. ChemistrySelect, 2017, 2, 8301-8311.	1.5	6
60	Organoheterobimetallic complexes derived from bis(1-ethoxycarbonyl)-1-cyanoethylene-2,2-dithiolatometalate(II) ion: synthesis and properties. Journal of Organometallic Chemistry, 2000, 605, 102-108.	1.8	5
61	Monometallic salts derived from complex anions of group 10 metal ions with p-tolylsulfonyldithiocarbimate ligand: Synthesis, characterization and properties. Inorganica Chimica Acta, 2012, 384, 176-183.	2.4	5
62	Synthesis, characterization, DNA binding and cleavage activity of homoleptic zinc(II) Î²-oxodithioester chelate complexes. Journal of Coordination Chemistry, 2017, 70, 3171-3185.	2.2	5
63	Preparation, Characterization and Photosensitizing Activities of Homoleptic Cu(II) Dithiocarbamates in TiO₂â€Based DSSC. ChemistrySelect, 2019, 4, 11140-11148.	1.5	5
64	Conducting properties of new heterometallic one-dimensional coordination polymers derived from 1-nitroethylene-2,2-dithiolate (NED2â^') ligand and their I2-doped products. Synthetic Metals, 2013, 176, 65-69.	3.9	1
65	Synthesis, crystal structures and properties of new homoleptic Ni(II)/Pd(II) Î²-oxodithioester chelates. Journal of Molecular Structure, 2018, 1160, 488-496.	3.6	1
66	Preparation, Characterization, and Conducting Properties of Chalcogenocyanato Based Complex Bimetallic Salts and Their I2-Doped Products. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 656-662.	0.6	0
67	Impact of ligand substituents on the crystal structures, optical and conducting properties of phenylmercury(II) Î²-oxodithioester complexes. Journal of Organometallic Chemistry, 2020, 928, 121532.	1.8	0