Kuppuswamy Arumugam

List of Publications by Year
in descending order

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17	361	932766 10	940134 16
papers	citations	h-index	g-index

18	18	18	502
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Redoxâ€Switchable Ringâ€Closing Metathesis: Catalyst Design, Synthesis, and Study. Chemistry - A European Journal, 2013, 19, 10866-10875.	1.7	90
2	Rationally Designed Redox-Active Au(I) N-Heterocyclic Carbene: An Immunogenic Cell Death Inducer. Journal of the American Chemical Society, 2020, 142, 20536-20541.	6.6	59
3	Synthesis, Structures, and Properties of 1,2,4,5-Benzenetetrathiolate Linked Group 10 Metal Complexes. Inorganic Chemistry, 2009, 48, 10591-10607.	1.9	42
4	Synthesis, Structures, and Properties of Mixed Dithiolene-Carbonyl and Dithiolene-Phosphine Complexes of Tungsten. Inorganic Chemistry, 2009, 48, 2103-2113.	1.9	41
5	Long-Range Spin Coupling: A Tetraphosphine-Bridged Palladium Dimer. Inorganic Chemistry, 2011, 50, 2995-3002.	1.9	22
6	Reversible, Electrochemically Controlled Binding of Phosphine to Iron and Cobalt Bis(dithiolene) Complexes. Inorganic Chemistry, 2007, 46, 5131-5133.	1.9	21
7	Expanding the biological utility of bis-NHC gold(i) complexes through post synthetic carbamate conjugation. Chemical Communications, 2019, 55, 10627-10630.	2.2	21
8	Preparation and Isolation of Dithiolene Thiophosphoryl Molecules as Stable, Protected Forms of Dithiolene Ligands. Inorganic Chemistry, 2007, 46, 3283-3288.	1.9	17
9	Redox-Active Metallodithiolene Groups Separated by Insulating Tetraphosphinobenzene Spacers. Inorganic Chemistry, 2018, 57, 4023-4038.	1.9	14
10	A Convergent Approach to the Synthesis of Multimetallic Dithiolene Complexes. Inorganic Chemistry, 2008, 47, 5570-5572.	1.9	13
11	Structural and spectroscopic characterization of five coordinate iron and cobalt bis(dithiolene)-trimethylphosphine complexes. Journal of Molecular Structure, 2017, 1141, 477-483.	1.8	6
12	Zn Coordination and the Identity of the Halide Ancillary Ligand Dramatically Influence the Excited-State Dynamics and Bimolecular Reactions of 2,3-Di(pyridin-2-yl)benzo[g]quinoxaline. Inorganic Chemistry, 2021, 60, 16570-16583.	1.9	5
13	An electrochemically controlled release of NHCs using iron bis(dithiolene) N-heterocyclic carbene complexes. Inorganic Chemistry Frontiers, 2021, 8, 59-71.	3.0	4
14	Open-Ended Metallodithiolene Complexes with the 1,2,4,5-Tetrakis(diphenylphosphino)benzene Ligand: Modular Building Elements for the Synthesis of Multimetal Complexes. Inorganic Chemistry, 2021, 60, 13177-13192.	1.9	3
15	The dithiolene ligand and tetrathiafulvalene precursor molecules 4,5-bis(bromomethyl)-1,3-dithiol-2-one and 4,5-bis[(dihydroxyphosphoryl)methyl]-1,3-dithiol-2-one. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, o446-o449.	0.4	2
16	Synthesis and molecular structure of biologically significant bis(1,3-dimesityl-4,5-naphthoquinoimidazol-2-ylidene)gold(I) complexes with chloride and dichloridoaurate counter-ions. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 462-468.	0.2	1
17	Detailed structural and spectroscopic elucidation of ferrocenium coupled N-heterocyclic carbene gold(i) complexes. Dalton Transactions, 2022, 51, 1533-1541.	1.6	0