

Elvan ÆestÆen

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

279
citations

933447

10
h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	CO-releasing properties and anticancer activities of manganese complexes with imidazole/benzimidazole ligands. <i>Journal of Coordination Chemistry</i> , 2016, 69, 3384-3394.	2.2	35
2	Theoretical analysis of frontier orbitals, electronic transitions, and global reactivity descriptors of M(CO) ₄ L ₂ type metal carbonyl complexes: a DFT/TDDFT study. <i>Structural Chemistry</i> , 2019, 30, 769-775.	2.0	31
3	Synthesis, antimicrobial properties, and theoretical analysis of benzimidazole-2-ylidene silver(I) complexes. <i>Journal of Coordination Chemistry</i> , 2020, 73, 1967-1986.	2.2	28
4	Anticancer activities of manganese-based photoactivatable CO-releasing complexes (PhotoCORMs) with benzimidazole derivative ligands. <i>Transition Metal Chemistry</i> , 2017, 42, 331-337.	1.4	25
5	Structure, CO-releasing property, electrochemistry, DFT calculation, and antioxidant activity of benzimidazole derivative substituted [Mn(CO) ₃ (bpy)L]PF ₆ type novel manganese complexes. <i>Inorganica Chimica Acta</i> , 2016, 450, 182-189.	2.4	22
6	Synthesis, characterization and antitumor properties of novel silver(I) and gold(I) N-heterocyclic carbene complexes. <i>Inorganica Chimica Acta</i> , 2020, 506, 119530.	2.4	22
7	PEPSI type complexes: Synthesis, x-ray structures, spectral studies, molecular docking and theoretical investigations. <i>Polyhedron</i> , 2021, 204, 115281.	2.2	20
8	Synthesis, characterization, antimicrobial and antibiofilm activity, and molecular docking analysis of NHC precursors and their Ag-NHC complexes. <i>Dalton Transactions</i> , 2021, 50, 15400-15412.	3.3	20
9	Carbon monoxide-releasing properties and DFT/TDDFT analysis of [Mn(CO) ₃ (bpy)L]PF ₆ type novel manganese complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 815-816, 16-22.	1.8	18
10	Antimicrobial activity, inhibition of biofilm formation, and molecular docking study of novel Ag-NHC complexes. <i>Journal of Organometallic Chemistry</i> , 2021, 954-955, 122082.	1.8	10
11	Novel Ag(I)-NHC complex: synthesis, <i>in vitro</i> cytotoxic activity, molecular docking, and quantum chemical studies. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2022, 77, 21-36.	1.4	9
12	Cyanopropyl functionalized benzimidazolium salts and their silver N-heterocyclic carbene complexes: Synthesis, antimicrobial activity, and theoretical analysis. <i>Archiv Der Pharmazie</i> , 2022, 355, e2200041.	4.1	9
13	A theoretical insight for solvent effect on myoglobin assay of W(CO) ₄ L ₂ type novel complexes with DFT/TDDFT. <i>Journal of Molecular Structure</i> , 2016, 1123, 433-440.	3.6	7
14	Manganese(I) tricarbonyl complexes: UV-dependent antioxidant activity, electrochemistry, and DFT/TDDFT calculation. <i>Journal of Coordination Chemistry</i> , 2018, 71, 2978-2992.	2.2	5
15	PEPSI complexes as potential prodrugs: enzyme inhibition, antioxidant activity, electrochemical characterization, molecular docking analysis. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2021, 76, 219-227.	1.4	5
16	Activity analysis of new N-heterocyclic carbenes and silver N-heterocyclic carbene molecules against novel coronavirus by UV-vis, fluorescence spectroscopy and molecular docking. <i>Journal of Coordination Chemistry</i> , 2021, 74, 3109-3126.	2.2	5
17	Synthesis, characterization, and <i>in silico</i> analysis against SARS CoV-2 of novel benzimidazolium salts. <i>Analele UniversitĂii Ovidius Constanța: Seria Chimie</i> , 2021, 32, 137-144.	0.9	3
18	Calculating the CO-factored force constants of tricarbonyl complexes with Cs symmetry. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2273-2276.	1.8	2

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19	CO-Releasing, Antioxidant, Antibacterial, Zeta Potential, Theoretical, and Electrochemical Analysis of [Mn(CO)3(bpy)L]OTf Type Complexes. Polyhedron, 2022, , 115997.	2.2	2
20	Molybdenum Carbonyl Complexes with Benzimidazole Derivatives Against SARS CoV-2 by Molecular Docking and DFT/TDDFT Methods. Journal of Computational Biophysics and Chemistry, 0, , .	1.7	1
21	A simple theoretical approach to converging of Myoglobin-Assay with different pH values. Acta Chimica Slovaca, 2021, 14, 97-104.	0.8	0
22	Yeni SentezlenmiÄŸ ve Karakterize EdilmiÄŸ Benzimidazolyum TuzlarÄ±nÄ±n YoÄŸunluk Fonksiyonel Teorisi ve MolekÄŸler Doking Analizi. , 2022, 12, 52-63.		0