

Allen Mambanda

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

291
citations

933447

10
h-index

940533

16
g-index

36
all docs

36
docs citations

36
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the reactivity of chelated dinuclear Pt(II) complexes through a flexible diamine linker. A detailed kinetic and mechanistic study. Dalton Transactions, 2010, 39, 3595.	3.3	43
2	Electrochemical sensing of acetaminophen using nanocomposites comprised of cobalt phthalocyanines and multiwalled carbon nanotubes. Journal of Electroanalytical Chemistry, 2019, 850, 113391.	3.8	28
3	Understanding the role of the flexible bridging linker through kinetics and mechanistic study of Pt(II) amphiphiles derived from a bis(2-pyridylmethyl)amine chelate head group. Dalton Transactions, 2011, 40, 79-91.	3.3	24
4	A kinetics and mechanistic study on the role of the structural rigidity of the linker on the substitution reactions of chelated dinuclear Pt(II) complexes. Dalton Transactions, 2012, 41, 908-920.	3.3	22
5	The role of substituents in a bidentate N,N-chelating ligand on the substitution of aqua ligands from mononuclear Pt(II) complexes. Transition Metal Chemistry, 2016, 41, 191-203.	1.4	15
6	Role of a 2,3-bis(pyridyl)pyrazinyl chelate bridging ligand in the reactivity of Ru(II)-Pt(II) dinuclear complexes on the substitution of chlorides by thiourea nucleophiles – a kinetic study. New Journal of Chemistry, 2018, 42, 12557-12569.	2.8	15
7	Synthesis, characterization and electrocatalytic behavior of cobalt and iron phthalocyanines bearing chromone or coumarin substituents. Journal of Coordination Chemistry, 2015, 68, 1829-1846.	2.2	12
8	Seven membered chelate Pt(II) complexes with 2,3-di(2-pyridyl)quinoxaline ligands: studies of substitution kinetics by sulfur donor nucleophiles, interactions with CT-DNA, BSA and <i>in vitro</i> cytotoxicity activities. RSC Advances, 2019, 9, 31877-31894.	3.6	12
9	Aqua substitution from mononuclear Pt(II) complexes with 2-(pyrazol-1-ylmethyl)quinoline non-leaving ligands. Journal of Coordination Chemistry, 2016, 69, 2121-2135.	2.2	11
10	One-dimensional H...N hydrogen-bonded polymers in flexible tetrapyridyl systems. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o676-o680.	0.4	10
11	Cobalt(II)-tetra(3-oxyflavone/2-(2-oxyphenyl)benzoxazole)phthalocyanines and their carbon nanotube conjugates: Formation, characterization and dopamine electrocatalysis. Polyhedron, 2015, 102, 284-292.	2.2	10
12	Substitution of aqua ligands from alkyldiamine-bridged dinuclear Pt(II) complexes using azole nucleophiles. Journal of Coordination Chemistry, 2013, 66, 4280-4291.	2.2	9
13	Formation, characterization and electrochemical properties of novel tetrasubstituted cobalt phthalocyanines bearing tetrahydropyran, furan and coumarin moieties. Inorganica Chimica Acta, 2016, 447, 183-191.	2.4	9
14	The role of N,N'-chelate ligand on the reactivity of (1,5-cyclohexadiene)Ru(II) complexes: kinetics, DNA and protein interaction studies. Journal of Coordination Chemistry, 2019, 72, 2931-2956.	2.2	9
15	Controlling the Lability of Square-Planar Pt(II) Complexes Through Electronic and π -Conjugation: Correlation Between Kinetics and Theoretical Parameters. Advances in Inorganic Chemistry, 2017, 70, 243-276.	1.0	7
16	Meridional anchorage of coordinate occupancy by a planar tridentate ligand and its effect on ligand substitution reactions of octahedral ruthenium(II) complexes. Journal of Coordination Chemistry, 2010, 63, 2542-2560.	2.2	6
17	Electrocatalytic determination of mercury cations at the interfaces of gold electrodes modified with self-assembled monolayers of cobalt phthalocyanines and electropolymerized 3-hexylthiophene films. Polyhedron, 2021, 203, 115235.	2.2	6
18	Controlling the reactivity of [Pd(II)(N ^N N)Cl] ⁺ complexes using 2,6-bis(pyrazol-2-yl)pyridine ligands for biological application: Substitution reactivity, CT-DNA interactions and <i>in vitro</i> cytotoxicity study. Journal of Inorganic Biochemistry, 2020, 213, 111261.	3.5	6

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19	The role of diaminocyclohexane and diaminobenzene linking bridges on the aqua substitution of chelated dinuclear Pt(II) complexes by nitrogen donor heterocycles. A kinetic and mechanistic study. <i>Journal of Coordination Chemistry</i> , 2014, 67, 2048-2061.	2.2	5
20	A cobalt(II) phthalocyanine with indole substituents: formation, characterization and electrocatalytic studies. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1131-1145.	2.2	5
21	Octahedral iron(II) complexes with pyridyl triazine and bipyridine ligands – synthesis, computational studies, mechanisms and kinetics with 1,10-phenanthroline and 2,2',6,2'-terpyridine. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1893-1909.	2.2	4
22	Substitution of aqua ligands from cis-platinum(II) complexes bearing 2-(phenylthiomethyl)pyridine spectator ligands. <i>Transition Metal Chemistry</i> , 2017, 42, 739-751.	1.4	4
23	Synthesis, characterization, biological and DFT studies of new 4-substituted phthalonitriles. <i>Journal of Molecular Structure</i> , 2019, 1191, 244-252.	3.6	4
24	The rate of substitution from η^6 -arene ruthenium(II) complexes. <i>Transition Metal Chemistry</i> , 2020, 45, 305-315.	1.4	3
25	nonleaving ligands toward thiourea nucleophiles. <i>International Journal of Chemical Kinetics</i> , 2018, 50, 531-543.	1.6	2
26	The role of 8-quinolinyll moieties in tuning the reactivity of palladium(II) complexes: a kinetic and mechanistic study. <i>Journal of Coordination Chemistry</i> , 2019, 72, 499-515.	2.2	2
27	The influence of η^2 -diimine bridging ligand on the reactivity of binuclear para-cymene ruthenium(II) complexes. Kinetic, mechanistic and computational study. <i>Inorganica Chimica Acta</i> , 2021, 514, 119972.	2.4	2
28	N,N-Bis(2-pyridylmethyl)-tert-butylamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o402-o402.	0.2	2
29	N,N-Bis(pyridin-2-ylmethyl)cyclohexanamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2194-o2195.	0.2	1
30	Aqua substitution by biologically relevant nucleophiles in dinuclear platinum(II) complexes linked by diamino linkers with cyclohexyl groups. <i>Transition Metal Chemistry</i> , 2015, 40, 109-115.	1.4	1
31	The effect of substituents on the reactivity of dichloridotriphenylphosphinoruthenium(II) complexes: kinetic and mechanistic study. <i>Journal of Coordination Chemistry</i> , 2021, 74, 1349-1365.	2.2	1
32	N,N-bis(2-quinolinyllmethyl)benzylamine. <i>MolBank</i> , 2021, 2021, M1208.	0.5	1
33	A tripodal tris(thiophene) derivative of hexahydropyrimidine and its ladder-like extended structure. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2388-o2390.	0.2	0
34	The effect of the chelate ligand on the rate of chloride substitution from Pt(II) complexes with picolyl and isoquinolinyllcarboxamide moieties on the non-leaving ligand. <i>Inorganica Chimica Acta</i> , 2020, 499, 119180.	2.4	0
35	Nucleophilic substitution of chloride from the $[Pt(chlorido)(NNN)/(NCN)]^+$, <i>Results in Chemistry</i> , 2021, 3, 100218.	2.0	0