

Mohamed S A Hamza

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

336
citations

840776

11
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of [RuIII(edta)(H2O)] ³⁻ with amino acids in aqueous solution. Equilibrium, kinetic and protease inhibition studies Electronic supplementary information (ESI) available: kinetic plots and a scheme showing the reaction between [RuIII(edta)(H2O)] ³⁻ and cysteine. See http://www.rsc.org/suppdata/dt/b2/b208495n/ . Dalton Transactions, 2003, , 203-209.	3.3	39
2	A Detailed Mechanistic Study of the Substitution Behavior of an Unusual Seven-Coordinate Iron(III) Complex in Aqueous Solution. Inorganic Chemistry, 2002, 41, 5150-5161.	4.0	37
3	Equilibrium and Kinetic Studies on the Reactions of Alkylcobalamins with Cyanide. Inorganic Chemistry, 2001, 40, 5440-5447.	4.0	35
4	Evidence for the Unexpected Associative Displacement of Adenosyl by Cyanide in Coenzyme B12. Inorganic Chemistry, 1997, 36, 3216-3222.	4.0	32
5	Ligand Substitution Behavior of a Simple Model for Coenzyme B12. Inorganic Chemistry, 2000, 39, 3777-3783.	4.0	31
6	Kinetic and thermodynamic studies on ligand substitution reactions and base-on/base-off equilibria of cyanoimidazolylcobamide, a vitamin B12 analog with an imidazole axial nucleoside. Dalton Transactions, 2005, , 782.	3.3	25
7	The substitution mechanism of [RuIII(edta)(H2O)] ³⁻ with DNA bases, nucleoside and nucleotides in aqueous solution revisited. Dalton Transactions RSC, 2002, , 962.	2.3	23
8	Solvent Tuning of the Substitution Behavior of a Seven-Coordinate Iron(III) Complex. Inorganic Chemistry, 2006, 45, 1575-1584.	4.0	22
9	Detailed kinetic and thermodynamic studies on the cyanation of alkylcobalamins. A generalized mechanistic description. Dalton Transactions RSC, 2002, , 3832-3839.	2.3	18
10	The profound influence of a single metal-carbon bond on the reactivity of bio-relevant cobalt(III) complexes. Dalton Transactions, 2004, , 1-12.	3.3	13
11	Coordination chemistry of new ruthenium and osmium dihydroxyquinoxaline complexes. Transition Metal Chemistry, 1999, 24, 193-197.	1.4	11
12	Mechanistic insight from activation parameters for the reaction between co-enzyme B12 and cyanide: further evidence that heterolytic Co-C bond cleavage is solvent-assisted Electronic supplementary information (ESI) available: NMR and kinetic data. See http://www.rsc.org/suppdata/dt/b2/b210068a/ . Dalton Transactions, 2003, , 596-602.	3.3	9
13	Compact high pressure unit for ultraviolet-visible-near-infrared spectroscopic measurements at pressures up to 400 MPa. Review of Scientific Instruments, 2003, 74, 3758-3762.	1.3	9
14	Electronically and sterically tuned trans labilization controls the substitution behaviour of cobaloximes. Dalton Transactions, 2004, , 287.	3.3	9
15	Kinetics and equilibrium studies on the reaction of vitamin B12a with azoles Electronic supplementary information (ESI) available: plot of kobs versus [pyrazole] as a function of temperature. See http://www.rsc.org/suppdata/dt/b2/b202877h/ . Dalton Transactions RSC, 2002, , 2831-2836.	2.3	7
16	Kinetic and thermodynamic studies on the cyanation reactions and base-on/base-off equilibria of alkyl-13-epicobalamins. Dalton Transactions, 2003, , 2986-2991.	3.3	6
17	Spectroscopic and Electrochemical Studies of Some Molybdenum and Ruthenium Complexes of N-[(2-pyridyl)methyl]-2,2'-dipyridylamine. Transition Metal Chemistry, 2006, 31, 107-110.	1.4	6
18	Kinetic and mechanistic study on the reaction of alkylcobaloximes with azoles. Dalton Transactions, 2004, , 3835.	3.3	4