

Laszlo Zekany

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Coordination equilibria and water exchange kinetics of lanthanide(III) propylenediaminetetraacetates and other magnetic resonance imaging related complexes. <i>Inorganica Chimica Acta</i> , 1995, 235, 311-326.	2.4	107
2	A comparative study of capillary zone electrophoresis and pH-potentiometry for determination of dissociation constants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 1040-1047.	2.8	64
3	Interaction between iron(II) and hydroxamic acids: oxidation of iron(II) to iron(III) by desferrioxamine B under anaerobic conditions. <i>Journal of Inorganic Biochemistry</i> , 2001, 83, 107-114.	3.5	59
4	Solution Structures, Stabilities, Kinetics, and Dynamics of DO3A and DO3A- α -Sulphonamide Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 2858-2872.	4.0	50
5	Kinetic Behavior of Carbonate Ligands with Different Coordination Modes: Equilibrium Dynamics for Uranyl(2+) Carbonato Complexes in Aqueous Solution. A ^{13}C and ^{17}O NMR Study. <i>Inorganic Chemistry</i> , 1995, 34, 3785-3796.	4.0	47
6	Studies on the kinetic stabilities of the Gd^{3+} complexes formed with the N-mono(methylamide), $\text{N},\text{N}^{\epsilon^2}$ -mono(methylamide) and $\text{N},\text{N}^{\epsilon^3}$ -bis(methylamide) derivatives of diethylenetriamine- $\text{N},\text{N},\text{N}^{\epsilon^2},\text{N}^{\epsilon^3},\text{N}^{\epsilon^3}$ -pentaacetic acid. <i>Journal of Inorganic Biochemistry</i> , 2002, 91, 320-326.	3.2	44
7	The Role of Equilibrium and Kinetic Properties in the Dissociation of $\text{Gd}[\text{DTPA}\alpha\text{-bis(methylamide)}]$ (Omniscan) at near to Physiological Conditions. <i>Chemistry - A European Journal</i> , 2015, 21, 4789-4799.	3.3	40
8	Complexation Properties of $\text{N},\text{N}^{\epsilon^2},\text{N}^{\epsilon^3},\text{N}^{\epsilon^2}\alpha\epsilon^2$ -[1,4,7,10-Tetraazacyclododecane-1,4,7,10-tetrayltetrakis(1-oxoethane-2,1-diyl)]tetrakis[glycine] ₄ (H4dotag). Equilibrium, Kinetic, and Relaxation Behavior of the Lanthanide(III) Complexes. <i>Helvetica Chimica Acta</i> , 2005, 88, 604-617.	1.8	35
9	Slow dynamics of aluminium-citrate complexes studied by ^1H - and ^{13}C -NMR spectroscopy. <i>Coordination Chemistry Reviews</i> , 2002, 228, 163-173.	18.8	33
10	Analytical evaluation of the derivatives used in equilibrium calculations. <i>Talanta</i> , 1978, 25, 549-550.	5.5	31
11	A Bisamide Derivative of $[\text{Mn}(1,4\text{-DO2A})]$ - Solution Thermodynamic, Kinetic, and NMR Relaxometric Studies. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1165-1174.	2.0	29
12	Equilibrium study of the systems of aluminium(III), gallium(III) and indium(III) with mercaptoacetate, 3-mercaptopropionate and 2-mercaptobenzoate. <i>Polyhedron</i> , 1984, 3, 871-877.	2.2	21
13	A New Class of Oligonuclear Platinum-Thallium Compounds with a Direct Metal-Metal Bond - 3. Unusual Equilibria in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 565-570.	2.0	20
14	Aminopolycarboxylates of rare earths α^{VII} . <i>Journal of Inorganic and Nuclear Chemistry</i> , 1981, 43, 351-356.	0.5	15
15	Equilibrium and structure of thallium(III)-ethylenediamine complexes in pyridine solution and in solid. <i>Inorganica Chimica Acta</i> , 2001, 320, 92-100.	2.4	15
16	Dithallium(III)-Containing 30-Tungsto-4-phosphate, $[\text{Th}_2\text{Na}_2(\text{H}_2\text{O})_2(\text{PW}_{15}\text{O}_{56})_4\text{O}_2]$ Synthesis, Structural Characterization, and Biological Studies. <i>Inorganic Chemistry</i> , 2018, 57, 7168-7179.	4.0	15
17	Equilibrium studies on the Al ^{III} , Ga ^{III} , In ^{III} - and Tl ^{III} -ethylenediaminetetraacetate-halide and -sulphide systems. <i>Polyhedron</i> , 1989, 8, 2057-2064.	2.2	12
18	$[\text{Th}^{\text{III}}(\text{dota})]^{+}$: An Extraordinarily Robust Macrocyclic Complex. <i>Inorganic Chemistry</i> , 2015, 54, 5426-5437.	4.0	12

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19	Comparative study of hydroxo-fluoro and hydroxo-sulphido mixed ligand complexes of aluminum(III) and gallium(III). <i>Polyhedron</i> , 1985, 4, 279-283.	2.2	11
20	Formation kinetics of an aluminium(III)-ethylenedinitrilotetraacetate-fluoride mixed ligand complex. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2707-2714.	1.1	11
21	Equilibrium and structure of the Al(III)-ethylenediamine-N,N-bis(3-hydroxy-2-propionate) (EDBHP) complex. A multi-method study by potentiometry, NMR, ESI MS and X-ray diffraction. <i>Dalton Transactions</i> , 2006, , 3221-3227.	3.3	10
22	Synthesis, Structure, and Antibacterial Activity of a Thallium(III)-Containing Polyoxometalate, $[Tl_2\{B_{12}Si_8O_{30}(OH)_2\}]^{12-}$. <i>Inorganic Chemistry</i> , 2016, 55, 10118-10121.	4.0	9
23	Studies of equilibrium, structure, and dynamics in the aqueous Al(III)-oxalate-fluoride system by potentiometry, ^{13}C and ^{19}F NMR spectroscopy. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 2793-2803.	3.9	7
24	Study on repeatability of the determination of temozolomide by micellar electrokinetic capillary chromatography using internal standards. <i>Journal of Analytical Chemistry</i> , 2015, 70, 1360-1367.	0.9	1
25	The analytical method of calculating the derivatives of equilibrium concentrations. <i>Talanta</i> , 1982, 29, 441.	5.5	0