

Ryszard Grybos

List of Publications by Year in descending order

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papers

399
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759233

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33
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citing authors

#	ARTICLE	IF	CITATIONS
1	Complexation between molybdenum(VI) and citrate: structural characterisation of a tetrameric complex, $K_4[(MoO_2)_4O_3(cit)_2] \cdot 6H_2O$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 707-711.	1.1	42
2	1:1 Molybdenum(VI) citric acid complexes. <i>Transition Metal Chemistry</i> , 1991, 16, 495-499.	1.4	39
3	Determination of the most stable structures of selected hydroxypyrones and their cations and anions. <i>Computational and Theoretical Chemistry</i> , 2003, 639, 87-100.	1.5	31
4	Properties, structure and stability of V(IV) hydrazide Schiff base ligand complex. <i>Journal of Molecular Structure</i> , 2018, 1171, 880-887.	3.6	29
5	Spacer-Dependent Structural and Physicochemical Diversity in Copper(II) Complexes with Salicyloyl Hydrazones: A Monomer and Soluble Polymers. <i>Inorganic Chemistry</i> , 2011, 50, 3501-3510.	4.0	23
6	Vanadium complexes with salicylaldehyde-based Schiff base ligands—structure, properties and biological activity. <i>Journal of Coordination Chemistry</i> , 2020, 73, 986-1008.	2.2	23
7	Assemblies of salen-type oxidovanadium(IV) complexes: substituent effects and in vitro protein tyrosine phosphatase inhibition. <i>Dalton Transactions</i> , 2014, 43, 17044-17053.	3.3	22
8	Theoretical studies on the aromaticity of selected hydroxypyrones and their cations and anions. Part 1? Aromaticity of heterocyclic pyran rings. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 250-254.	1.9	18
9	Role of co-ligand and solvent on properties of V(IV) oxido complexes with ONO Schiff bases. <i>Journal of Molecular Structure</i> , 2019, 1180, 839-848.	3.6	16
10	Bis(4,4'-dimethyl-2,2'-bipyridine)oxidovanadium(IV) Sulfate Dehydrate: Potential Candidate for Controlling Lipid Metabolism?. <i>BioMed Research International</i> , 2017, 2017, 1-5.	1.9	15
11	Molecular structures of oxovanadium(IV) complexes with maltol and kojic acid: a quantum mechanical study. <i>Inorganic Chemistry Communication</i> , 2005, 8, 76-78.	3.9	14
12	Role of the alkali metal ion and hydrogen bonds in $M[VO(O_2)2bpy] \cdot nH_2O$ ($M=Li^+, Na^+, K^+$ and Rb^+) and $Cs[VO(O_2)2bpy] \cdot H_2O_2$ complexes: The X-ray crystal structures and spectroscopic properties. <i>Polyhedron</i> , 2009, 28, 1429-1436.	2.2	13
13	Novel vanadyl complexes of acetoacetanilide: Synthesis, characterization and inhibition of protein tyrosine phosphatase. <i>Polyhedron</i> , 2013, 49, 100-104.	2.2	13
14	Electron-transfer kinetics and mechanism of the reduction of octacyanomethylates(IV) ($M = Mo, W$) by hydroxide ion in aqueous solution. <i>Transition Metal Chemistry</i> , 1993, 18, 599-603.	1.4	12
15	Effect of oxovanadium(IV) complexes on nondiabetic and streptozotocin-diabetic rats. <i>Archiv Der Pharmazie</i> , 2001, 334, 388-392.	4.1	12
16	Structure modification of maltol (3-hydroxy-2-methyl-4H-pyran-4-one) upon cation and anion formation studied by vibrational spectroscopy and quantum-mechanical calculations. <i>Vibrational Spectroscopy</i> , 2007, 43, 344-350.	2.2	10
17	Vibrational and computational study on maltol (3-hydroxy-2-methyl-4h-pyran-4-one) polymorphism. <i>Vibrational Spectroscopy</i> , 2005, 37, 233-236.	2.2	9
18	Synthesis and study of oxovanadium(IV) complexes with dithiobis(2,4-pentanedione). <i>Polyhedron</i> , 1990, 9, 1397-1400.	2.2	8

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19	The influence of chronic supply of vanadium compounds on organ weights and body mass in animal diabetes model (NZO). <i>Science Technology and Innovation</i> , 2019, 4, 63-72.	0.0	6
20	Crystal structure of $[\text{VOCl}_2(\text{H}_2\text{O})(\text{C}_6\text{H}_9\text{O}_2)_2]$ from powder diffraction data. <i>Journal of Molecular Structure</i> , 2002, 641, 153-157.	3.6	5
21	Influence of Vanadium's organic Ligands Treatment on Selected Metal Levels in Kidneys of STZ Rats. <i>Biological Trace Element Research</i> , 2013, 153, 319-328.	3.5	5
22	Synthesis, structure and properties of V(V) monooxido complex with ONO tridentate Schiff base. <i>Science Technology and Innovation</i> , 2019, 4, 21-29.	0.0	5
23	Biochemical and Morphological Alterations in Rat Liver Golgi Complexes After Treatment with Bis(maltolato)oxovanadium(IV) [BMOV] or Maltol Alone. <i>Pathology Research and Practice</i> , 2000, 196, 561-568.	2.3	4
24	Novel vanadyl complexes with 2-hydroxy-3-methyl-2-cyclopenten-1-one. <i>Transition Metal Chemistry</i> , 2003, 28, 568-571.	1.4	4
25	Quantum mechanical study of the tautomerism and molecular spectra of 2-hydroxy-3-methyl-2-cyclopenten-1-one. <i>Molecular Physics</i> , 2012, 110, 343-351.	1.7	4
26	Synthesis, structure and properties of V(III,IV and V) complexes with ONO Schiff bases. <i>Science Technology and Innovation</i> , 2019, 4, 37-46.	0.0	4
27	Cell-based Screening For Identification Of The Novel Vanadium Complexes With Multidirectional Activity Relative To The Cells And The Mechanisms Associated With Metabolic Disorders. <i>Science Technology and Innovation</i> , 2019, 4, 47-54.	0.0	3
28	Tridentate hydrazido-hydrazones vanadium complexes. Synthesis, properties and biological activity. <i>Science Technology and Innovation</i> , 2019, 4, 9-20.	0.0	3
29	Effect of alkali metal ion and hydrogen bonds on thermal stability of $\text{M}[\text{VO}(\text{O}_2)_2\text{bpy}]\cdot n\text{H}_2\text{O}$ ($\text{M}=\text{Li}^+\text{--}\text{Rb}^+$) and $\text{Cs}[\text{VO}(\text{O}_2)_2\text{bpy}]\cdot n\text{H}_2\text{O}_2$ complexes. <i>Thermochimica Acta</i> , 2011, 514, 32-36.	2.7	2
30	Synthesis, structure and properties of V(IV) complex with $\text{Na}^+\text{--}[(\text{E})\text{-(2,3-dihydroxyphenyl)methylidene}]\text{-2-phenylacetohydrazide}$. <i>Science Technology and Innovation</i> , 2019, 4, 1-8.	0.0	2
31	Vanadium Methyl-Bipyridine Organoligand and its Influence on Energy Balance and Organs Mass. <i>Biological Trace Element Research</i> , 2014, 160, 376-382.	3.5	1
32	Potential of adipogenesis and insulinomimetic effects of novel vanadium complex $(\text{N}^+\text{--}[(\text{E})\text{-(5-bromo-2-oxophenyl)methylidene}]\text{-4-methoxybenzohydrazide})\text{oxido}(1,10\text{-phenanthroline})\text{vanadium(IV)}$ in 3T3-L1 cells. <i>Science Technology and Innovation</i> , 2019, 4, 55-62.	0.0	1
33	Thermal and long period stability of series of V(V), V(IV) and V(III) complex with Schiff base ligands in solid state. <i>Science Technology and Innovation</i> , 2019, 4, 30-36.	0.0	1