

Vladimir DamjanoviÄ

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dioxomolybdenum(ν) and dioxotungsten(ν) complexes chelated with the ONO tridentate hydrazone ligand: synthesis, structure and catalytic epoxidation activity. <i>New Journal of Chemistry</i> , 2014, 38, 6176-6185.	2.8	51
2	Supramolecular Hexagon and Chain Coordination Polymer Containing the $\text{MoO}_2 \cdot 2\text{H}_2\text{O}$ Core: Structural Transformation in the Solid State. <i>Crystal Growth and Design</i> , 2011, 11, 1244-1252.	3.0	47
3	Pyridoxal hydrazone molybdenum(ν) complexes: assembly, structure and epoxidation (pre)catalyst testing under solvent-free conditions. <i>RSC Advances</i> , 2014, 4, 39000.	3.6	32
4	Copper(II) complexes with benzhydrazone-related ligands: synthesis, structural studies and cytotoxicity assay. <i>New Journal of Chemistry</i> , 2017, 41, 2425-2435.	2.8	29
5	Molybdenum(ν) complexes of hemilabile arylhydrazone ligands as efficient catalysts for greener cyclooctene epoxidation: an experimental and theoretical approach. <i>New Journal of Chemistry</i> , 2019, 43, 5531-5542.	2.8	29
6	Discrete mononuclear and dinuclear compounds containing a $\text{MoO}_2 \cdot 2\text{H}_2\text{O}$ core and 4-aminobenzhydrazone ligands: synthesis, structure and organic-solvent-free epoxidation activity. <i>New Journal of Chemistry</i> , 2019, 43, 1791-1802.	2.8	26
7	Hybrid organic-inorganic compounds based on the Lindqvist polyoxomolybdate and dioxomolybdenum(ν) complexes. <i>CrystEngComm</i> , 2011, 13, 4382.	2.6	24
8	Design of mononuclear, binuclear and polynuclear molybdenum(VI) complexes based on ONO benzoylacetone derived enaminones and their in vitro biological activity. <i>Polyhedron</i> , 2018, 145, 70-79.	2.2	16
9	Effective methods for the synthesis of hydrazones, quinazolines, and Schiff bases: reaction monitoring using a chemometric approach. <i>RSC Advances</i> , 2020, 10, 38566-38577.	3.6	15
10	Comparative studies on conventional and solvent-free synthesis toward hydrazones: application of PXRD and chemometric data analysis in mechanochemical reaction monitoring. <i>CrystEngComm</i> , 2018, 20, 1804-1817.	2.6	13
11	Geometrically Constrained Molybdenum(VI) Metallosupramolecular Architectures: Conventional Synthesis versus Vapor and Thermally Induced Solid-State Structural Transformations. <i>Crystal Growth and Design</i> , 2019, 19, 3000-3011.	3.0	13
12	The synthesis, structure and catalytic properties of the $[\text{Mo}_7\text{O}_{24}(\text{H}_2\text{O})_4(\text{H}_2\text{O})_8(\text{H}_2\text{O})_2]^{16-}$ anion formed via two intermediate heptamolybdates $[\text{Co}(\text{en})_3]_2$ and $[\text{NaMo}_7\text{O}_{24}\text{Cl}] \cdot n\text{H}_2\text{O}$ and $(\text{H}_3\text{O})[\text{Co}(\text{en})_3]_2 \cdot 2[\text{Mo}_7\text{O}_{24}\text{Cl}] \cdot 9\text{H}_2\text{O}$.	3.3	12
13	Novel enaminones as non-cytotoxic compounds with mild antibacterial activity: Synthesis and structure-activity correlations. <i>Journal of Molecular Structure</i> , 2018, 1154, 636-642.	3.6	10
14	Discrete and polymeric ensembles based on dinuclear molybdenum(ν) building blocks with adaptive carbohydrazide ligands: from the design to catalytic epoxidation. <i>New Journal of Chemistry</i> , 2020, 44, 8085-8097.	2.8	9
15	Who's in, who's out? Re-evaluation of lipid raft residents. <i>Journal of Neurochemistry</i> , 2021, 158, 657-672.	3.9	8
16	Hydrothermal Reactions of $[\text{Co}^{\text{III}}(\text{C}_2\text{O}_4)_4(\text{NH}_3)_4]^{+}$ and Polyoxomolybdates: Depolymerization of Polyoxomolybdates and in Situ Reduction of Cobalt. <i>Crystal Growth and Design</i> , 2019, 19, 6763-6773.	3.0	6
17	Symmetrical disubstituted carbohydrazides: From solid-state structures to cytotoxic and antibacterial activity. <i>Journal of Molecular Structure</i> , 2019, 1178, 222-228.	3.6	5
18	Spectroscopic and structural insights into N-substituted pyridinium-4-aldoximes and their pentacyanoferrate(II) complexes. <i>Polyhedron</i> , 2013, 52, 733-742.	2.2	4

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19	Redistribution of gangliosides accompanies thermally induced Na ⁺ , K ⁺ -ATPase activity alternation and submembrane localisation in mouse brain. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183475.	2.6	4
20	Spectroscopic Studies of Methimazole Reactivity toward the Aquapentacyanoferrate (II) Ion in Aqueous Solutions. <i>Spectroscopy</i> , 2012, 27, 509-514.	0.8	3
21	The structures and stabilities of biologically active 1-phenacyl- and 1-benzoylethyl-derivatives of the pyridinium cation. <i>Journal of Molecular Structure</i> , 2012, 1019, 196-205.	3.6	3
22	Mechanochemical synthesis of (poly)oxalatomolybdates: In situ reaction monitoring by PXRD. <i>Inorganica Chimica Acta</i> , 2019, 488, 80-85.	2.4	3
23	Coordinating and supramolecular prospects of unsymmetrically substituted carbohydrazides. <i>New Journal of Chemistry</i> , 2020, 44, 13357-13367.	2.8	3
24	Directing role of the synthetic route on the self-assembly process of MoO ₄ ²⁻ units to Mo ₇ O ₂₄ ⁴⁻ or Mo ₂₂ O ₇₄ ¹⁶⁻ ions. <i>Inorganica Chimica Acta</i> , 2020, 510, 119765.	2.4	3
25	Novel Insights into the Thioesterolytic Activity of N-Substituted Pyridinium-4-oximes. <i>Molecules</i> , 2020, 25, 2385.	3.8	2
26	The role of mono- and dicarboxylic acids in the building of oxomolybdates containing {Mo ₄ }, {Mo ₂ O ₅ }, {Mo ₂ O ₆ }, {Mo ₃ O ₈ }, {Mo ₅ O ₁₇ }, {Mo ₅ O ₁₈ }, {Mo ₈ O ₂₆ }, and {SiMo ₁₂ O ₄₀ } units. <i>New Journal of Chemistry</i> , 2021, 45, 19764-19774.	2.8	1
27	Marking a Century of the Department of Chemistry and Biochemistry at School of Medicine in Zagreb. <i>Croatica Chimica Acta</i> , 2019, 92, 435-442.	0.4	0
28	Fran Bubanović: The Visionary of Medical Chemistry and Biochemistry in Croatia. <i>Croatica Chimica Acta</i> , 2017, 90, .	0.4	0
29	Molybdenum-, Vanadium-, and Tungsten-Containing Materials for Catalytic Applications. <i>Materials</i> , 2022, 15, 1720.	2.9	0