

# Vladimir DamjanoviÄ

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Molybdenum-, Vanadium-, and Tungsten-Containing Materials for Catalytic Applications. <i>Materials</i> , 2022, 15, 1720.	2.9	0
2	Redistribution of gangliosides accompanies thermally induced Na <sup>+</sup> , K <sup>+</sup> -ATPase activity alternation and submembrane localisation in mouse brain. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183475.	2.6	4
3	Who's in, who's out? Re-evaluation of lipid raft residents. <i>Journal of Neurochemistry</i> , 2021, 158, 657-672.	3.9	8
4	The role of mono- and dicarboxylic acids in the building of oxomolybdates containing {Mo <sub>4</sub> }, {Mo <sub>2</sub> O <sub>5</sub> }, {Mo <sub>2</sub> O <sub>6</sub> }, {Mo <sub>3</sub> O <sub>8</sub> }, {Mo <sub>5</sub> O <sub>17</sub> }, {Mo <sub>5</sub> O <sub>18</sub> }, {Mo <sub>8</sub> O <sub>26</sub> }, and {SiMo <sub>12</sub> O <sub>40</sub> } units. <i>New Journal of Chemistry</i> , 2021, 45, 19764-19774.	2.8	1
5	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
6	Novel Insights into the Thioesterolytic Activity of N-Substituted Pyridinium-4-oximes. <i>Molecules</i> , 2020, 25, 2385.	3.8	2
7	Coordinating and supramolecular prospects of unsymmetrically substituted carbohydrazides. <i>New Journal of Chemistry</i> , 2020, 44, 13357-13367.	2.8	3
8	Discrete and polymeric ensembles based on dinuclear molybdenum( <sup>VI</sup> ) building blocks with adaptive carbohydrazone ligands: from the design to catalytic epoxidation. <i>New Journal of Chemistry</i> , 2020, 44, 8085-8097.	2.8	9
9	Directing role of the synthetic route on the self-assembly process of MoO <sub>4</sub> <sup>2-</sup> units to Mo <sub>7</sub> O <sub>24</sub> <sup>6-</sup> or Mo <sub>22</sub> O <sub>74</sub> <sup>16-</sup> ions. <i>Inorganica Chimica Acta</i> , 2020, 510, 119765.	2.4	3
10	Hydrothermal Reactions of [Co <sup>III</sup> (C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> (NH <sub>3</sub> ) <sub>4</sub> ] <sup>+</sup> and Polyoxomolybdates: Depolymerization of Polyoxomolybdates and in Situ Reduction of Cobalt. <i>Crystal Growth and Design</i> , 2019, 19, 6763-6773.	3.0	6
11	Discrete mononuclear and dinuclear compounds containing a MoO <sub>2</sub> <sup>2+</sup> 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
12	The synthesis, structure and catalytic properties of the [Mo <sub>7</sub> O <sub>24</sub> ( <sup>1/4</sup> -Mo <sub>8</sub> O <sub>26</sub> )Mo <sub>7</sub> O <sub>24</sub> ] <sup>16-</sup> anion formed via two intermediate heptamolybdates [Co(en) <sub>3</sub> ] <sub>2</sub> [NaMo <sub>7</sub> O <sub>24</sub> ]Cl·nH <sub>2</sub> O and (H <sub>3</sub> O)[Co(en) <sub>3</sub> ] <sub>2</sub> [Mo <sub>7</sub> O <sub>24</sub> ]Cl·9H <sub>2</sub> O.	3.3	12
13	Molybdenum( <sup>VI</sup> ) complexes of hemilabile aroylhydrazone 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
14	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
15	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
16	Mechanochemical synthesis of (poly)oxalatomolybdates: In situ reaction monitoring by PXRD. <i>Inorganica Chimica Acta</i> , 2019, 488, 80-85.	2.4	3
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	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

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19	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
20	Novel enamines 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
21	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
22	Fran Bubenović: The Visionary of Medical Chemistry and Biochemistry in Croatia. <i>Croatica Chemica Acta</i> , 2017, 90, .	0.4	0
23	Dioxomolybdenum(VI) and dioxotungsten(VI) 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
24	Pyridoxal hydrazone molybdenum(VI) complexes: assembly, structure and epoxidation (pre)catalyst testing under solvent-free conditions. <i>RSC Advances</i> , 2014, 4, 39000.	3.6	32
25	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
26	Spectroscopic Studies of Methimazole Reactivity toward the Aquapentacyanoferrate (II) Ion in Aqueous Solutions. <i>Spectroscopy</i> , 2012, 27, 509-514.	0.8	3
27	The structures and stabilities of biologically active 1-phenacyl- and 1-benzoyl-ethyl-derivatives of the pyridinium cation. <i>Journal of Molecular Structure</i> , 2012, 1019, 196-205.	3.6	3
28	Supramolecular Hexagonal and Chain Coordination Polymer Containing the MoO <sub>2</sub> Core: Structural Transformation in the Solid State. <i>Crystal Growth and Design</i> , 2011, 11, 1244-1252.	3.0	47
29	Hybrid organic-inorganic compounds based on the Lindqvist polyoxomolybdate and dioxomolybdenum(VI) complexes. <i>CrystEngComm</i> , 2011, 13, 4382.	2.6	24