Zeljko Petrovski

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Ionic Liquids as Active Pharmaceutical Ingredients. ChemMedChem, 2011, 6, 975-985.	3.2	294
2	On the Self-Aggregation and Fluorescence Quenching Aptitude of Surfactant Ionic Liquids. Journal of Physical Chemistry B, 2008, 112, 8645-8650.	2.6	168
3	Development of novel ionic liquids based on ampicillin. MedChemComm, 2012, 3, 494.	3.4	105
4	Evaluation of solubility and partition properties of ampicillin-based ionic liquids. International Journal of Pharmaceutics, 2013, 456, 553-559.	5.2	97
5	Antibacterial activity of Ionic Liquids based on ampicillin against resistant bacteria. RSC Advances, 2014, 4, 4301-4307.	3.6	93
6	Marine Environmental Plastic Pollution: Mitigation by Microorganism Degradation and Recycling Valorization. Frontiers in Marine Science, 2020, 7, .	2.5	86
7	Antitumor Activity of Ionic Liquids Based on Ampicillin. ChemMedChem, 2015, 10, 1480-1483.	3.2	68
8	Epoxidation of cyclooctene catalyzed by dioxomolybdenum(VI) complexes in ionic liquids. Journal of Molecular Catalysis A, 2004, 218, 5-11.	4.8	61
9	Synthesis and Antibacterial Activity of Ionic Liquids and Organic Salts Based on Penicillin G and Amoxicillin hydrolysate Derivatives against Resistant Bacteria. Pharmaceutics, 2020, 12, 221.	4.5	55
10	Synthesis, characterization and catalytic studies of bis(chloro)dioxomolybdenum(VI)-chiral diimine complexes. Journal of Molecular Catalysis A, 2005, 236, 1-6.	4.8	45
11	Preparation and catalytic studies of bis(halogeno)dioxomolybdenum(VI)-diimine complexes. Journal of Molecular Catalysis A, 2005, 227, 67-73.	4.8	41
12	Synthesis, characterization and antitumor activity of 1,2-disubstituted ferrocenes and cyclodextrin inclusion complexes. Journal of Organometallic Chemistry, 2008, 693, 675-684.	1.8	40
13	Highlighting the Biological Potential of the Brown Seaweed Fucus spiralis for Skin Applications. Antioxidants, 2020, 9, 611.	5.1	38
14	Antimicrobial Activities of Highly Bioavailable Organic Salts and Ionic Liquids from Fluoroquinolones. Pharmaceutics, 2020, 12, 694.	4.5	33
15	Melting behaviour of ionic salts in the presence of high pressure CO2. Fluid Phase Equilibria, 2010, 294, 121-130.	2.5	31
16	Synthesis and characterization of the inclusion compound of a ferrocenyldiimine dioxomolybdenum complex with heptakis-2,3,6-tri-O-methyl-β-cyclodextrin. Inorganica Chimica Acta, 2005, 358, 981-988.	2.4	29
17	Novel biocompatible ionic liquids based on gluconate anion. Green Chemistry Letters and Reviews, 2015, 8, 8-12.	4.7	29
18	Synthesis of ferrocenyldiimine metal carbonyl complexes and an investigation of the Mo adduct encapsulated in cyclodextrin. New Journal of Chemistry, 2005, 29, 347-354	2.8	23

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19	Heterogeneous palladium-catalyzed telomerization of myrcene with glycerol derivatives in supercritical carbon dioxide: a facile route to new building blocks. Green Chemistry, 2011, 13, 2013.	9.0	21
20	Molybdenum(VI) oxides bearing 1,4,7-triazacyclononane and 1,1,1-tris(aminomethyl)ethane ligands: Synthesis and catalytic applications. Journal of Molecular Catalysis A, 2006, 249, 166-171.	4.8	20
21	Alkylation of carbonyl compounds in the TiCl4-promoted reaction of trimethylsilyl enol ethers with epoxides. Tetrahedron, 2001, 57, 583-591.	1.9	18
22	Novel aqueous biphasic system based on ethyl lactate for sustainable separations: Phase splitting mechanism. Journal of Molecular Liquids, 2018, 262, 37-45.	4.9	18
23	Unravelling the Dermatological Potential of the Brown Seaweed Carpomitra costata. Marine Drugs, 2021, 19, 135.	4.6	12
24	Short synthesis of methylenecyclopentenones by intermolecular Pauson–Khand reaction of allyl thiourea. Tetrahedron Letters, 2010, 51, 3356-3359.	1.4	9
25	Synthesis of Tris(N,N-dimethylthiocarbamoyl)-1,1,1-tris-(methylaminomethyl)ethane and Its Application as Ligand for Pauson–Khand Reaction. Synthetic Communications, 2008, 38, 2761-2767.	2.1	7
26	Tailoring amphotericin B as an ionic liquid: an upfront strategy to potentiate the biological activity of antifungal drugs. RSC Advances, 2021, 11, 14441-14452.	3.6	7
27	New promoters for the molybdenum hexacarbonyl- mediated Pauson–Khand reaction. Arkivoc, 2007, 2007, 127-141.	0.5	5
28	Fluoroquinolone-Based Organic Salts and Ionic Liquids as Highly Bioavailable Broad-Spectrum Antimicrobials. Proceedings (mdpi), 2020, 78, .	0.2	5
29	Enhanced In Vitro Antiviral Activity of Hydroxychloroquine Ionic Liquids against SARS-CoV-2. Pharmaceutics, 2022, 14, 877.	4.5	5
30	Ionic Systems and Nanomaterials as Antiseptic and Disinfectant Agents for Surface Applications: A Review. Surfaces, 2021, 4, 169-190.	2.3	3
31	Ionic Liquids Based on Oxidoperoxido-Molybdenum(VI) Complexes with a Chelating Picolinate Ligand for Catalytic Epoxidation. Reactions, 2020, 1, 147-161.	2.1	1
32	Ferrocene-Based Porous Organic Polymer (FPOP): Synthesis, Characterization and an Electrochemical Study. Electrochem, 2022, 3, 184-197.	3.3	0