

Zeljko Petrovski

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31
papers

1,099
citations

18
h-index

33
g-index

37
ext. papers

1,287
ext. citations

3.9
avg, IF

3.84
L-index

#	Paper	IF	Citations
31	Ionic liquids as active pharmaceutical ingredients. <i>ChemMedChem</i> , 2011 , 6, 975-85	3.7	238
30	On the self-aggregation and fluorescence quenching aptitude of surfactant ionic liquids. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 8645-50	3.4	152
29	Development of novel ionic liquids based on ampicillin. <i>MedChemComm</i> , 2012 , 3, 494	5	83
28	Evaluation of solubility and partition properties of ampicillin-based ionic liquids. <i>International Journal of Pharmaceutics</i> , 2013 , 456, 553-9	6.5	72
27	Antibacterial activity of Ionic Liquids based on ampicillin against resistant bacteria. <i>RSC Advances</i> , 2014 , 4, 4301-4307	3.7	68
26	Epoxidation of cyclooctene catalyzed by dioxomolybdenum(VI) complexes in ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2004 , 218, 5-11		60
25	Antitumor Activity of Ionic Liquids Based on Ampicillin. <i>ChemMedChem</i> , 2015 , 10, 1480-3	3.7	47
24	Synthesis, characterization and catalytic studies of bis(chloro)dioxomolybdenum(VI)-chiral diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005 , 236, 1-6		42
23	Preparation and catalytic studies of bis(halogeno)dioxomolybdenum(VI)-diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005 , 227, 67-73		37
22	Synthesis, characterization and antitumor activity of 1,2-disubstituted ferrocenes and cyclodextrin inclusion complexes. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 675-684	2.3	36
21	Synthesis and characterization of the inclusion compound of a ferrocenyldiimine dioxomolybdenum complex with heptakis-2,3,6-tri-O-methyl- β -cyclodextrin. <i>Inorganica Chimica Acta</i> , 2005 , 358, 981-988	2.7	28
20	Melting behaviour of ionic salts in the presence of high pressure CO ₂ . <i>Fluid Phase Equilibria</i> , 2010 , 294, 121-130	2.5	27
19	Novel biocompatible ionic liquids based on gluconate anion. <i>Green Chemistry Letters and Reviews</i> , 2015 , 8, 8-12	4.7	25
18	Marine Environmental Plastic Pollution: Mitigation by Microorganism Degradation and Recycling Valorization. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	24
17	Synthesis of ferrocenyldiimine metal carbonyl complexes and an investigation of the Mo adduct encapsulated in cyclodextrin. <i>New Journal of Chemistry</i> , 2005 , 29, 347-354	3.6	23
16	Synthesis and Antibacterial Activity of Ionic Liquids and Organic Salts Based on Penicillin G and Amoxicillin hydrolysate Derivatives against Resistant Bacteria. <i>Pharmaceutics</i> , 2020 , 12,	6.4	22
15	Heterogeneous palladium-catalyzed telomerization of myrcene with glycerol derivatives in supercritical carbon dioxide: a facile route to new building blocks. <i>Green Chemistry</i> , 2011 , 13, 2013	10	19

14	Molybdenum(VI) oxides bearing 1,4,7-triazacyclononane and 1,1,1-tris(aminomethyl)ethane ligands: Synthesis and catalytic applications. <i>Journal of Molecular Catalysis A</i> , 2006 , 249, 166-171		18
13	Highlighting the Biological Potential of the Brown Seaweed for Skin Applications. <i>Antioxidants</i> , 2020 , 9,	7.1	18
12	Antimicrobial Activities of Highly Bioavailable Organic Salts and Ionic Liquids from Fluoroquinolones. <i>Pharmaceutics</i> , 2020 , 12,	6.4	15
11	Alkylation of carbonyl compounds in the TiCl ₄ -promoted reaction of trimethylsilyl enol ethers with epoxides. <i>Tetrahedron</i> , 2001 , 57, 583-591	2.4	13
10	Novel aqueous biphasic system based on ethyl lactate for sustainable separations: Phase splitting mechanism. <i>Journal of Molecular Liquids</i> , 2018 , 262, 37-45	6	12
9	Short synthesis of methylenecyclopentenones by intermolecular Pauson-Khand reaction of allyl thiourea. <i>Tetrahedron Letters</i> , 2010 , 51, 3356-3359	2	5
8	Synthesis of Tris(N,N-dimethylthiocarbamoyl)-1,1,1-tris-(methylaminomethyl)ethane and Its Application as Ligand for Pauson-Khand Reaction. <i>Synthetic Communications</i> , 2008 , 38, 2761-2767	1.7	5
7	New promoters for the molybdenum hexacarbonyl-mediated Pauson-Khand reaction. <i>Arkivoc</i> , 2007 , 2007, 127-141	0.9	5
6	Unravelling the Dermatological Potential of the Brown Seaweed. <i>Marine Drugs</i> , 2021 , 19,	6	3
5	Ionic Systems and Nanomaterials as Antiseptic and Disinfectant Agents for Surface Applications: A Review. <i>Surfaces</i> , 2021 , 4, 169-190	2.9	1
4	Tailoring amphotericin B as an ionic liquid: an upfront strategy to potentiate the biological activity of antifungal drugs.. <i>RSC Advances</i> , 2021 , 11, 14441-14452	3.7	1
3	Fluoroquinolone-Based Organic Salts and Ionic Liquids as Highly Bioavailable Broad-Spectrum Antimicrobials. <i>Proceedings (mdpi)</i> , 2021 , 78, 3	0.3	0
2	Ionic Liquids Based on Oxidoperoxido-Molybdenum(VI) Complexes with a Chelating Picolinate Ligand for Catalytic Epoxidation. <i>Reactions</i> , 2020 , 1, 147-161	1.5	
1	Ferrocene-Based Porous Organic Polymer (FPOP): Synthesis, Characterization and an Electrochemical Study. <i>Electrochem</i> , 2022 , 3, 184-197	2.9	