

Zeljko Petrovski

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,467
citations

361296

20
h-index

434063

31
g-index

37
all docs

37
docs citations

37
times ranked

1742
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic Liquids as Active Pharmaceutical Ingredients. <i>ChemMedChem</i> , 2011, 6, 975-985.	1.6	294
2	On the Self-Aggregation and Fluorescence Quenching Aptitude of Surfactant Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8645-8650.	1.2	168
3	Development of novel ionic liquids based on ampicillin. <i>MedChemComm</i> , 2012, 3, 494.	3.5	105
4	Evaluation of solubility and partition properties of ampicillin-based ionic liquids. <i>International Journal of Pharmaceutics</i> , 2013, 456, 553-559.	2.6	97
5	Antibacterial activity of Ionic Liquids based on ampicillin against resistant bacteria. <i>RSC Advances</i> , 2014, 4, 4301-4307.	1.7	93
6	Marine Environmental Plastic Pollution: Mitigation by Microorganism Degradation and Recycling Valorization. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	86
7	Antitumor Activity of Ionic Liquids Based on Ampicillin. <i>ChemMedChem</i> , 2015, 10, 1480-1483.	1.6	68
8	Epoxidation of cyclooctene catalyzed by dioxomolybdenum(VI) complexes in ionic liquids. <i>Journal of Molecular Catalysis A</i> , 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. <i>Pharmaceutics</i> , 2020, 12, 221.	2.0	55
10	Synthesis, characterization and catalytic studies of bis(chloro)dioxomolybdenum(VI)-chiral diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005, 236, 1-6.	4.8	45
11	Preparation and catalytic studies of bis(halogeno)dioxomolybdenum(VI)-diimine complexes. <i>Journal of Molecular Catalysis A</i> , 2005, 227, 67-73.	4.8	41
12	Synthesis, characterization and antitumor activity of 1,2-disubstituted ferrocenes and cyclodextrin inclusion complexes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 675-684.	0.8	40
13	Highlighting the Biological Potential of the Brown Seaweed <i>Fucus spiralis</i> for Skin Applications. <i>Antioxidants</i> , 2020, 9, 611.	2.2	38
14	Antimicrobial Activities of Highly Bioavailable Organic Salts and Ionic Liquids from Fluoroquinolones. <i>Pharmaceutics</i> , 2020, 12, 694.	2.0	33
15	Melting behaviour of ionic salts in the presence of high pressure CO ₂ . <i>Fluid Phase Equilibria</i> , 2010, 294, 121-130.	1.4	31
16	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.	1.2	29
17	Novel biocompatible ionic liquids based on gluconate anion. <i>Green Chemistry Letters and Reviews</i> , 2015, 8, 8-12.	2.1	29
18	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.	1.4	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. <i>Green Chemistry</i> , 2011, 13, 2013.	4.6	21
20	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.	4.8	20
21	Alkylation of carbonyl compounds in the TiCl ₄ -promoted reaction of trimethylsilyl enol ethers with epoxides. <i>Tetrahedron</i> , 2001, 57, 583-591.	1.0	18
22	Novel aqueous biphasic system based on ethyl lactate for sustainable separations: Phase splitting mechanism. <i>Journal of Molecular Liquids</i> , 2018, 262, 37-45.	2.3	18
23	Unravelling the Dermatological Potential of the Brown Seaweed <i>Carpomitra costata</i> . <i>Marine Drugs</i> , 2021, 19, 135.	2.2	12
24	Short synthesis of methylenecyclopentenones by intermolecular Pauson-Khand reaction of allyl thiourea. <i>Tetrahedron Letters</i> , 2010, 51, 3356-3359.	0.7	9
25	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.	1.1	7
26	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.	1.7	7
27	New promoters for the molybdenum hexacarbonyl-mediated Pauson-Khand reaction. <i>Arkivoc</i> , 2007, 2007, 127-141.	0.3	5
28	Fluoroquinolone-Based Organic Salts and Ionic Liquids as Highly Bioavailable Broad-Spectrum Antimicrobials. <i>Proceedings (mdpi)</i> , 2020, 78, .	0.2	5
29	Enhanced In Vitro Antiviral Activity of Hydroxychloroquine Ionic Liquids against SARS-CoV-2. <i>Pharmaceutics</i> , 2022, 14, 877.	2.0	5
30	Ionic Systems and Nanomaterials as Antiseptic and Disinfectant Agents for Surface Applications: A Review. <i>Surfaces</i> , 2021, 4, 169-190.	1.0	3
31	Ionic Liquids Based on Oxidoperoxido-Molybdenum(VI) Complexes with a Chelating Picolinate Ligand for Catalytic Epoxidation. <i>Reactions</i> , 2020, 1, 147-161.	0.9	1
32	Ferrocene-Based Porous Organic Polymer (FPOP): Synthesis, Characterization and an Electrochemical Study. <i>Electrochem</i> , 2022, 3, 184-197.	1.7	0