

Jelena Milovanovic

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

168
citations

1306789

7
h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyhydroxyalkanoate-based 3-hydroxyoctanoic acid and its derivatives as a platform of bioactive compounds. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 161-172.	1.7	50
2	Highly efficient Michael-type addition of acetaldehyde to $\hat{1}^2$ -nitrostyrenes by whole resting cells of <i>Escherichia coli</i> expressing 4-oxalocrotonate tautomerase. <i>Bioresource Technology</i> , 2013, 142, 462-468.	4.8	22
3	Understanding bioplastic materials - current state and trends. <i>Journal of the Serbian Chemical Society</i> , 2020, 85, 1507-1538.	0.4	19
4	The chain length of biologically produced (R)-3-hydroxyalkanoic acid affects biological activity and structure of anti-cancer peptides. <i>Journal of Biotechnology</i> , 2015, 204, 7-12.	1.9	15
5	Rhamnolipid inspired lipopeptides effective in preventing adhesion and biofilm formation of <i>Candida albicans</i> . <i>Bioorganic Chemistry</i> , 2019, 87, 209-217.	2.0	14
6	Polyhydroxyalkanoate/Antifungal Polyene Formulations with Monomeric Hydroxyalkanoic Acids for Improved Antifungal Efficiency. <i>Antibiotics</i> , 2021, 10, 737.	1.5	12
7	Novel sodium alkyl-1,3-disulfates, anionic biosurfactants produced from microbial polyesters. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110333.	2.5	8
8	Thermal properties of 3-hydroxy fatty acids and their binary mixtures as phase change energy storage materials. <i>International Journal of Energy Research</i> , 2020, 44, 1294-1302.	2.2	7
9	Chemoselective biocatalytic reduction of conjugated nitroalkenes: New application for an <i>Escherichia coli</i> BL21(DE3) expression strain. <i>Enzyme and Microbial Technology</i> , 2014, 60, 16-23.	1.6	5
10	Tetraoxanes as inhibitors of apicomplexan parasites <i>Plasmodium falciparum</i> and <i>Toxoplasma gondii</i> and anti-cancer molecules. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 1339-1359.	0.4	5
11	Synthesis and Laccase-Mediated Oxidation of New Condensed 1,4-Dihydropyridine Derivatives. <i>Catalysts</i> , 2021, 11, 727.	1.6	5
12	Synthesis of $\hat{1}^3$ -nitroaldehydes containing quaternary carbon in the $\hat{1}^\pm$ -position using a 4-oxalocrotonate tautomerase whole-cell biocatalyst. <i>RSC Advances</i> , 2014, 4, 60502-60510.	1.7	3
13	Biocatalytic potential of <i>Streptomyces</i> spp. isolates from rhizosphere of plants and mycorrhizosphere of fungi. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 822-833.	1.4	3