

Viktoria Baidai

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

480
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

707
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of gold nanoparticles by thermophilic filamentous fungi. <i>Scientific Reports</i> , 2018, 8, 3943.	3.3	261
2	Bioimprinted lipases in PVA nanofibers as efficient immobilized biocatalysts. <i>Tetrahedron</i> , 2016, 72, 7335-7342.	1.9	38
3	Kinetic resolution of 1-(benzofuran-2-yl)ethanols by lipase-catalyzed enantiomer selective reactions. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1943-1949.	1.8	32
4	Co-immobilized Whole Cells with α -Transaminase and Ketoreductase Activities for Continuous-Flow Cascade Reactions. <i>ChemBioChem</i> , 2018, 19, 1845-1848.	2.6	27
5	Kinetic resolution of trans-2-acetoxycycloalkan-1-ols by lipase-catalysed enantiomerically selective acylation. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2605-2612.	1.8	20
6	Lipase-catalyzed enantioselective acylation of 3-benzyloxypropane-1,2-diol in supercritical carbon dioxide. <i>Biochemical Engineering Journal</i> , 2006, 28, 275-280.	3.6	19
7	Sensitivity enhancement for mycotoxin determination by optical waveguide lightmode spectroscopy using gold nanoparticles of different size and origin. <i>Food Chemistry</i> , 2018, 267, 10-14.	8.2	16
8	Novel Hydrolases from Thermophilic Filamentous Fungi for Enantiomerically and Enantiotopically Selective Biotransformations. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 811-818.	4.3	13
9	Synthesis and Lipase-Catalyzed Enantioselective Acetylation of 2-Benzoyloxy-1,3-propanediol. <i>Synlett</i> , 1999, 1999, 759-761.	1.8	11
10	How to Turn Yeast Cells into a Sustainable and Switchable Biocatalyst? On-Demand Catalysis of Ketone Bioreduction or Acyloin Condensation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19375-19383.	6.7	11
11	Chemo-enzymatic preparation of hydroxymethyl ketones. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 2400-2402.	1.3	10
12	Efficient, scalable kinetic resolution of cis-4-benzyloxy-2,3-epoxybutanol. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3841-3847.	1.8	10
13	<i>Wickerhamomyces subpelliculosus</i> as whole-cell biocatalyst for stereoselective bioreduction of ketones. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 134, 206-214.	1.8	6
14	Conservation of the Biocatalytic Activity of Whole Yeast Cells by Supported Sol-Gel Entrapment for Efficient Acyloin Condensation. <i>Periodica Polytechnica: Chemical Engineering</i> , 2020, 64, 153-161.	1.1	4
15	Characterization of Yeast Strains with Ketoreductase Activity for Bioreduction of Ketones. <i>Periodica Polytechnica: Chemical Engineering</i> , 2021, 65, 299-307.	1.1	2
16	Chemo-enzymatic Preparation of Hydroxymethyl Ketones.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
17	Development of a Quartz Crystal Microbalance with Impedance Measurement with Bio-Gold Nanoparticles for Enhanced Sensitivity. <i>International Journal of Electrical Energy</i> , 2018, , 122-126.	0.4	0