

Zoltán Boros

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Immobilization of Phenylalanine Ammonia-lyase on Single-walled Carbon Nanotubes for Stereoselective Biotransformations in Batch and Continuous-flow Modes. <i>ChemCatChem</i> , 2015, 7, 1122-1128.	3.7	43
2	Hydrophobic adsorption and covalent immobilization of <i>Candida antarctica</i> lipase B on mixed-function-grafted silica gel supports for continuous-flow biotransformations. <i>Process Biochemistry</i> , 2013, 48, 1039-1047.	3.7	41
3	Novel Sol-gel Lipases by Designed Bioimprinting for Continuous-flow Kinetic Resolutions. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2481-2491.	4.3	38
4	How the mode of <i>Candida antarctica</i> lipase B immobilization affects the continuous-flow kinetic resolution of racemic amines at various temperatures. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 85-86, 119-125.	1.8	37
5	Additives Enhancing the Catalytic Properties of Lipase from <i>Burkholderia cepacia</i> Immobilized on Mixed-Function-Grafted Mesoporous Silica Gel. <i>Molecules</i> , 2014, 19, 9818-9837.	3.8	37
6	Reductive amination of ketones: novel one-step transfer hydrogenations in batch and continuous-flow mode. <i>Tetrahedron Letters</i> , 2011, 52, 1310-1312.	1.4	35
7	A Continuous-flow Cascade Reactor System for Subtilisin A-catalyzed Dynamic Kinetic Resolution of <i>N</i> -tert-Butyloxycarbonylphenylalanine Ethyl Thioester with Benzylamine. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1608-1617.	4.3	32
8	Tailoring the Spacer Arm for Covalent Immobilization of <i>Candida antarctica</i> Lipase B Thermal Stabilization by Bisepoxide-Activated Aminoalkyl Resins in Continuous-Flow Reactors. <i>Molecules</i> , 2016, 21, 767.	3.8	28
9	Isopropyl 2-ethoxyacetate an efficient acylating agent for lipase-catalyzed kinetic resolution of amines in batch and continuous-flow modes. <i>Tetrahedron</i> , 2016, 72, 7249-7255.	1.9	21
10	Disubstituted dialkoxysilane precursors in binary and ternary sol-gel systems for lipase immobilization. <i>Process Biochemistry</i> , 2012, 47, 428-434.	3.7	19
11	Lipase mediated sequential resolution of aromatic 1 ^o -hydroxy esters using fatty acid derivatives. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 1672-1679.	1.8	16
12	Lipase-Catalyzed Kinetic Resolution of 1-(2-Hydroxycyclohexyl)Indoles in Batch and Continuous-Flow Systems. <i>Journal of Flow Chemistry</i> , 2014, 4, 125-134.	1.9	10
13	Chemoenzymatic route to Tyrphostins involving lipase-catalyzed kinetic resolution of 1-phenylethanamine with alkyl cyanoacetates as novel acylating agents. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 644-649.	1.8	10
14	Immobilization of lipases from <i>Rhizomucor miehei</i> and <i>Thermomyces lanuginosus</i> by adsorption on variously grafted silica gels. <i>Periodica Polytechnica: Chemical Engineering</i> , 2013, 57, 37.	1.1	3
15	From Synthetic Chemistry and Stereoselective Biotransformations to Enzyme Biochemistry – The Bioorganic Chemistry Group at the Budapest University of Technology and Economics. <i>Periodica Polytechnica: Chemical Engineering</i> , 2015, 59, 59-71.	1.1	3