

Konstantin N Loponov

List of Publications by Year in descending order

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1040056

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717
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomining of Pd nanoparticles using <i>Phanerochaete chrysosporium</i> as a sustainable approach to turn platinum group metals (PGMs) wastes into catalysts. <i>International Biodeterioration and Biodegradation</i> , 2019, 143, 104724.	3.9	26
2	Eco-Friendly Fabrication of a Highly Selective Amide-Based Polymer for CO ₂ Capture. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 18160-18167.	3.7	17
3	Nitrogen-rich hyper-crosslinked polymers for low-pressure CO ₂ capture. <i>Chemical Engineering Journal</i> , 2018, 334, 2004-2013.	12.7	53
4	Porous Nanocrystalline Silicon Supported Bimetallic Pd-Au Catalysts: Preparation, Characterization, and Direct Hydrogen Peroxide Synthesis. <i>Frontiers in Chemistry</i> , 2018, 6, 85.	3.6	32
5	Controlled multiphase oxidations for continuous manufacturing of fine chemicals. <i>Chemical Engineering Journal</i> , 2017, 329, 220-230.	12.7	8
6	Synthesis of the antimalarial API artemether in a flow reactor. <i>Catalysis Today</i> , 2015, 239, 90-96.	4.4	19
7	Heterogenization of Pd ^{II} -NHC complexes onto a silica support and their application in Suzuki-Miyaura coupling under batch and continuous flow conditions. <i>Catalysis Science and Technology</i> , 2015, 5, 310-319.	4.1	58
8	Optimization of a Scalable Photochemical Reactor for Reactions with Singlet Oxygen. <i>Organic Process Research and Development</i> , 2014, 18, 1443-1454.	2.7	60
9	Tandem transformation of glycerol to esters. <i>Journal of Biotechnology</i> , 2012, 162, 390-397.	3.8	2
10	Efficiency of porous silicon photosensitizer in the singlet oxygen-mediated oxidation of organic compounds. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 211, 74-77.	3.9	7
11	Photoexcited Silicon Nanocrystals as Multifunctional Spin-Flip Activator. <i>ECS Transactions</i> , 2009, 16, 337-344.	0.5	1
12	Combined in situ EXAFS and electrochemical investigation of the oxygen reduction reaction on unmodified and Se-modified Ru/C. <i>Catalysis Today</i> , 2009, 147, 260-269.	4.4	14
13	Synthesis and Structural Characterization of Se-Modified Carbon-Supported Ru Nanoparticles for the Oxygen Reduction Reaction. <i>Journal of Physical Chemistry B</i> , 2006, 110, 6881-6890.	2.6	126