

Jung Won Kim

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Porous Anodic Aluminum Oxide as an Efficient Support for Ruthenium-Catalyzed Aerobic Oxidation of Alcohols and Amines. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 23025-23031.	3.7	5
2	High-Throughput Production of Heterogeneous RuO ₂ /Graphene Catalyst in a Hydrodynamic Reactor for Selective Alcohol Oxidation. <i>Catalysts</i> , 2019, 9, 25.	3.5	14
3	Fast and Scalable Hydrodynamic Synthesis of MnO ₂ /Defect-Free Graphene Nanocomposites with High Rate Capability and Long Cycle Life. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35250-35259.	8.0	34
4	Highly Selective Catalytic Hydrogenation and Etherification of 5-Hydroxymethyl-2-furaldehyde to 2,5-Bis(alkoxymethyl)furans for Potential Biodiesel Production. <i>Synlett</i> , 2017, 28, 2299-2302.	1.8	21
5	Heterogeneous zirconia-supported ruthenium catalyst for highly selective hydrogenation of 5-hydroxymethyl-2-furaldehyde to 2,5-bis(hydroxymethyl)furans in various n-alcohol solvents. <i>RSC Advances</i> , 2016, 6, 93394-93397.	3.6	41
6	Carbon-supported Pt-RuS ₂ nanocomposite as hydrogen oxidation reaction catalysts for fuel cells. <i>Journal of Applied Electrochemistry</i> , 2016, 46, 77-83.	2.9	4
7	Sonochemical synthesis of PdO@silica as a nanocatalyst for selective aerobic alcohol oxidation. <i>Ultrasonics Sonochemistry</i> , 2016, 28, 178-184.	8.2	19
8	Supported Metal Nanoparticles: Their Catalytic Applications to Selective Alcohol Oxidation. <i>Applied Chemistry for Engineering</i> , 2016, 27, 227-238.	0.2	4
9	Realization of Both High-Performance and Enhanced Durability of Fuel Cells: Pt-Exoskeleton Structure Electrocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14053-14063.	8.0	12
10	Synthesis of Pt and bimetallic PtPd nanostructures on Au nanoparticles for use as methanol tolerant oxygen reduction reaction catalysts. <i>New Journal of Chemistry</i> , 2015, 39, 6034-6039.	2.8	15
11	High density decoration of noble metal nanoparticles on polydopamine-functionalized molybdenum disulphide. <i>Journal of Colloid and Interface Science</i> , 2015, 451, 216-220.	9.4	24
12	A tyrosine-rich peptide induced flower-like palladium nanostructure and its catalytic activity. <i>RSC Advances</i> , 2015, 5, 78026-78029.	3.6	9
13	Highly ordered gold-nanotube films for flow-injection amperometric glucose biosensors. <i>RSC Advances</i> , 2014, 4, 40286.	3.6	8
14	Facile Synthetic Method of Alkanethiol Spacer for Biointerface. <i>Synlett</i> , 2012, 24, 20-23.	1.8	0
15	Aerobic alcohol oxidation catalyzed by supported ruthenium hydroxides. <i>Journal of Catalysis</i> , 2009, 268, 343-349.	6.2	101