

Kylie L Luska

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

809

citations

16

h-index

28

g-index

31

ext. papers

907

ext. citations

7.5

avg, IF

4.37

L-index

#	Paper	IF	Citations
26	Ionic liquid-stabilized nanoparticles as catalysts for the conversion of biomass. <i>Green Chemistry</i> , 2015 , 17, 3195-3206	10	109
25	Iron-iron oxide core-shell nanoparticles are active and magnetically recyclable olefin and alkyne hydrogenation catalysts in protic and aqueous media. <i>Chemical Communications</i> , 2012 , 48, 3360-2	5.8	86
24	Synergistic Interaction within Bifunctional Ruthenium Nanoparticle/SILP Catalysts for the Selective Hydrodeoxygenation of Phenols. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15750-5	16.4	72
23	Enhancing the Catalytic Properties of Ruthenium Nanoparticle-SILP Catalysts by Dilution with Iron. <i>ACS Catalysis</i> , 2016 , 6, 3719-3726	13.1	53
22	Bifunctional nanoparticle/SILP catalysts (NPs@SILP) for the selective deoxygenation of biomass substrates. <i>Chemical Science</i> , 2014 , 5, 4895-4905	9.4	51
21	Ruthenium nanoparticle catalysts stabilized in phosphonium and imidazolium ionic liquids: dependence of catalyst stability and activity on the ionicity of the ionic liquid. <i>Green Chemistry</i> , 2012 , 14, 1736	10	50
20	Bimetallic Nanoparticles in Supported Ionic Liquid Phases as Multifunctional Catalysts for the Selective Hydrodeoxygenation of Aromatic Substrates. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12721-12726	16.4	49
19	Functionalized Ionic Liquids for the Synthesis of Metal Nanoparticles and their Application in Catalysis. <i>ChemCatChem</i> , 2012 , 4, 1534-1546	5.2	44
18	Catalytic deoxygenation of terminal-diols under acidic aqueous conditions by the ruthenium complexes [(β -arene)Ru(X)(N?N)](OTf) _n , X=H ₂ O, H, β -arene=p-Me-iPr-C ₆ H ₄ , C ₆ Me ₆ , N?N=bipy, phen, 6,6'-diamino-bipy, 2,9-diamino-phen, n=1, 2). <i>Journal of Molecular Catalysis A</i> , 2007 , 277, 233-251		43
17	Improved Stability and Catalytic Activity of Palladium Nanoparticle Catalysts using Phosphine-Functionalized Imidazolium Ionic Liquids. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 3167-3177	5.6	41
16	Rhodium nanoparticles stabilized with phosphine functionalized imidazolium ionic liquids as recyclable arene hydrogenation catalysts. <i>Catalysis Today</i> , 2012 , 183, 96-100	5.3	34
15	Rhodium complexes stabilized by phosphine-functionalized phosphonium ionic liquids used as higher alkene hydroformylation catalysts: influence of the phosphonium headgroup on catalytic activity. <i>Dalton Transactions</i> , 2012 , 41, 13533-40	4.3	29
14	Selective Hydrogenation of Benzofurans Using Ruthenium Nanoparticles in Lewis Acid-Modified Ruthenium-Supported Ionic Liquid Phases. <i>ACS Catalysis</i> , 2020 , 10, 2124-2130	13.1	27
13	Bifunctional Ruthenium Nanoparticle-SILP Catalysts () for the Hydrodeoxygenation of Eucalyptol under Batch and Continuous Flow Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 6186-6192	8.3	20
12	Synergistic Interaction within Bifunctional Ruthenium Nanoparticle/SILP Catalysts for the Selective Hydrodeoxygenation of Phenols. <i>Angewandte Chemie</i> , 2015 , 127, 15976-15981	3.6	17
11	Highly Selective Hydrogenation of R-(+)-Limonene to (+)-p-1-Menthene in Batch and Continuous Flow Reactors. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 3762-3767	8.3	16
10	Catalytic Hydrogenolysis of Substituted Diaryl Ethers by Using Ruthenium Nanoparticles on an Acidic Supported Ionic Liquid Phase (Ru@SILP-SO ₃ H). <i>Synlett</i> , 2019 , 30, 405-412	2.2	13

9	Selectivity control in hydrogenation through adaptive catalysis using ruthenium nanoparticles on a CO-responsive support. <i>Nature Chemistry</i> , 2021 , 13, 916-922	17.6	11
8	Recording Tutorials To Increase Student Use and Incorporating Demonstrations To Engage Live Participants. <i>Journal of Chemical Education</i> , 2013 , 90, 527-530	2.4	9
7	Molecular Control of the Catalytic Properties of Rhodium Nanoparticles in Supported Ionic Liquid Phase (SILP) Systems. <i>ACS Catalysis</i> , 2020 , 10, 13904-13912	13.1	9
6	Bimetallic Nanoparticles in Supported Ionic Liquid Phases as Multifunctional Catalysts for the Selective Hydrodeoxygenation of Aromatic Substrates. <i>Angewandte Chemie</i> , 2018 , 130, 12903-12908	3.6	9
5	Nanoparticles on Supported Ionic Liquid Phases [Opportunities for Application in Catalysis 2016 , 249-273		6
4	Organometallic Synthesis of Bimetallic Cobalt-Rhodium Nanoparticles in Supported Ionic Liquid Phases (Co Rh @SILP) as Catalysts for the Selective Hydrogenation of Multifunctional Aromatic Substrates. <i>Small</i> , 2021 , 17, e2006683	11	5
3	Rational size control of gold nanoparticles employing an organometallic precursor [Au-C ₆ H ₄ -t-Bu] ₄ and tunable thiolate-functionalized ionic liquids in organic medium. <i>Canadian Journal of Chemistry</i> , 2012 , 90, 145-152	0.9	4
2	Unexpected reactions of Grignard reagents with selected α -carboalkoxy substituted sulfinate esters. <i>Canadian Journal of Chemistry</i> , 2015 , 93, 37-43	0.9	2
1	Rh NPs Immobilized on Phosphonium- based Supported Ionic Liquid Phases (Rh@SILPs) as Hydrogenation Catalysts. <i>Chimia</i> , 2021 , 75, 724-732	1.3	