

Peter J C Hausoul

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8842198/publications.pdf>

Version: 2024-02-01

27
papers

694
citations

471509

17
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

812
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic upgrading of Î±-angelica lactone to levulinic acid esters under mild conditions over heterogeneous catalysts. <i>Catalysis Science and Technology</i> , 2015, 5, 5168-5173.	4.1	53
2	Unravelling the Ru-catalyzed Hydrogenolysis of Biomass-Based Polyols under Neutral and Acidic Conditions. <i>ChemSusChem</i> , 2015, 8, 3323-3330.	6.8	47
3	Telomerization of 1,3-butadiene with various alcohols by Pd/TOMPP catalysts: new opportunities for catalytic biomass valorization. <i>Green Chemistry</i> , 2009, 11, 1155.	9.0	44
4	Solid Molecular Phosphine Catalysts for Formic Acid Decomposition in the Biorefinery. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5597-5601.	13.8	44
5	Hydrogenation of CO ₂ to Formate over Ruthenium Immobilized on Solid Molecular Phosphines. <i>ChemSusChem</i> , 2018, 11, 1857-1865.	6.8	39
6	Development of a 4,4'-biphenyl/phosphine-based COF for the heterogeneous Pd-catalysed telomerisation of 1,3-butadiene. <i>Catalysis Science and Technology</i> , 2013, 3, 2571.	4.1	37
7	A Bipyridine-Based Conjugated Microporous Polymer for the Ir-Catalyzed Dehydrogenation of Formic Acid. <i>ACS Catalysis</i> , 2017, 7, 8413-8419.	11.2	37
8	Base-free Pd/TOMPP-catalyzed Telomerization of 1,3-Butadiene with Carbohydrates and Sugar Alcohols. <i>ChemSusChem</i> , 2009, 2, 855-858.	6.8	36
9	Efficient, solvent-free hydrogenation of Î±-angelica lactone catalysed by Ru/C at atmospheric pressure and room temperature. <i>Chemical Communications</i> , 2014, 50, 10206.	4.1	35
10	Kinetics study of the Ru/C-catalysed hydrogenolysis of polyols – insight into the interactions with the metal surface. <i>Catalysis Science and Technology</i> , 2017, 7, 56-63.	4.1	35
11	Facile Access to Key Reactive Intermediates in the Pd/PR ₃ -catalyzed Telomerization of 1,3-Butadiene. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7972-7975.	13.8	29
12	Selective production of glycols from xylitol over Ru on covalent triazine frameworks – suppressing decarbonylation reactions. <i>Green Chemistry</i> , 2018, 20, 1316-1322.	9.0	29
13	Solid Molecular Frustrated Lewis Pairs in a Polyamine Organic Framework for the Catalytic Metal-free Hydrogenation of Alkenes. <i>ChemCatChem</i> , 2018, 10, 1835-1843.	3.7	29
14	Synthesis of Polyaryl Rigid-Core Carbosilane Dendrimers for Supported Organic Synthesis. <i>Organometallics</i> , 2009, 28, 4406-4415.	2.3	28
15	Synthesis of (âˆš)-menthol: Industrial synthesis routes and recent development. <i>Flavour and Fragrance Journal</i> , 2022, 37, 195-209.	2.6	22
16	Pd/TOMPP-catalysed telomerisation of 1,3-butadiene with lignin-type phenols and thermal Claisen rearrangement of linear telomers. <i>Catalysis Science and Technology</i> , 2013, 3, 1215-1223.	4.1	19
17	Anionic surfactants based on intermediates of carbohydrate conversion. <i>Green Chemistry</i> , 2019, 21, 3882-3890.	9.0	19
18	Cu/C-catalyzed Hydrogenolysis of Sorbitol to Glycols – On the Influence of Particle Size and Base. <i>ChemCatChem</i> , 2019, 11, 4123-4129.	3.7	18

#	ARTICLE	IF	CITATIONS
19	Mechanistic Study of the Pd/TOMPP-Catalyzed Telomerization of 1,3-Butadiene with Biomass-Based Alcohols: On the Reversibility of Phosphine Alkylation. <i>ChemCatChem</i> , 2011, 3, 845-852.	3.7	17
20	Molekulare Phosphan-Feststoffkatalysatoren zur Ameisensäurezersetzung in der Bioraffinerie. <i>Angewandte Chemie</i> , 2016, 128, 5687-5691.	2.0	12
21	Direct Synthesis of Methyl Formate from CO ₂ With Phosphine-Based Polymer-Bound Ru Catalysts. <i>ChemSusChem</i> , 2019, 12, 3278-3285.	6.8	12
22	Mg(OH) ₂ -Facilitated Liquid-Phase Conversion of Lactic Acid into 1,2-Propanediol over Cu: An Experimental and Theoretical Study. <i>ChemSusChem</i> , 2020, 13, 126-130.	6.8	12
23	Pd/TOMPP-catalyzed telomerization of 1,3-butadiene: From biomass-based substrates to new mechanistic insights. <i>Pure and Applied Chemistry</i> , 2012, 84, 1713-1727.	1.9	11
24	Hydrogen-efficient non-oxidative transformation of methanol into dimethoxymethane over a tailored bifunctional Cu catalyst. <i>Sustainable Energy and Fuels</i> , 2021, 5, 117-126.	4.9	11
25	Ru on N-doped Carbon for the Selective Hydrogenolysis of Sugars and Sugar Alcohols. <i>ChemCatChem</i> , 0, , .	3.7	4
26	On the effect of Alkaline Earth Metal Cations in the Hydrogenolysis of Glycerol over Pt/C – an Experimental and Theoretical Study. <i>ChemCatChem</i> , 2022, 14, .	3.7	3
27	Grignard synthesis of fluorinated nanoporous element organic frameworks based on the heteroatoms P, B, Si, Sn and Ge. <i>Polymer Chemistry</i> , 2019, 10, 5032-5036.	3.9	2