

Norbert Steinfeldt

List of Publications by Year in descending order

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20
papers

496
citations

840776

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794594

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all docs

20
docs citations

20
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Base Nickel-Catalyzed Hydrogenolysis of Furfural-Derived Tetrahydrofurfuryl Alcohol to 1,5-Pentandiol. ACS Sustainable Chemistry and Engineering, 2022, 10, 4954-4968.	6.7	14
2	Catalytic Desaturation of Aliphatic Amides and Imides Enabled by Excited-State Base-Metal Catalysis. ACS Catalysis, 2022, 12, 8868-8876.	11.2	15
3	Thermal annealing of ordered TiO ₂ nanotube arrays with water vapor-assisted crystallization under a continuous gas flow for superior photocatalytic performance. Chemical Engineering Journal, 2021, 425, 130619.	12.7	8
4	Enhanced photocatalytic performance of polymeric carbon nitride through combination of iron loading and hydrogen peroxide treatment. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 589, 124383.	4.7	5
5	Experimental and Numerical Characterization of Transport Phenomena in a Falling Film Microreactor with Gas-Liquid Reaction. Industrial & Engineering Chemistry Research, 2020, 59, 4033-4047.	3.7	5
6	Dehydrogenation of 1-butene with CO ₂ over VO _x supported catalysts. Applied Catalysis A: General, 2020, 602, 117648.	4.3	5
7	Facile synthesis of supported Ru-Triphos catalysts for continuous flow application in selective nitrile reduction. Chemical Science, 2019, 10, 8195-8201.	7.4	11
8	Effect of metal ion addition on structural characteristics and photocatalytic activity of ordered mesoporous titania. Journal of Sol-Gel Science and Technology, 2019, 91, 539-551.	2.4	10
9	Experimental and theoretical investigations of the influence of carbon on a Ho ³⁺ -TiO ₂ photocatalyst with Vis response. Journal of Colloid and Interface Science, 2019, 549, 212-224.	9.4	18
10	Polymer Encapsulated Cobalt-Based Catalysts (Co EnCat TM) for Selective Continuous Hydrogenation of 4-Nitrobenzene. ChemCatChem, 2017, 9, 3210-3217.	3.7	14
11	Selective Hydrogenation of Halogenated Nitroaromatics to Haloanilines in Batch and Flow. Organic Process Research and Development, 2016, 20, 452-464.	2.7	50
12	On the selective aerobic oxidation of benzyl alcohol with Pd/Au-nanoparticles in batch and flow. Nanotechnology Reviews, 2014, 3, 99-110.	5.8	7
13	Preparation of tailor-made supported catalysts using asymmetric flow field flow fractionation and their application in hydrogenation. Nanotechnology Reviews, 2014, 3, 87-98.	5.8	6
14	Synthesis, Characterization, and Application of PVP-Pd NP in the Aerobic Oxidation of 5-Hydroxymethylfurfural (HMF). Catalysis Letters, 2014, 144, 498-506.	2.6	65
15	Influence of support on the aerobic oxidation of HMF into FDCA over preformed Pd nanoparticle based materials. Applied Catalysis A: General, 2014, 478, 107-116.	4.3	115
16	In Situ Monitoring of Pt Nanoparticle Formation in Ethylene Glycol Solution by SAXS—Influence of the NaOH to Pt Ratio. Langmuir, 2012, 28, 13072-13079.	3.5	48
17	Tailored Noble Metal Nanoparticles on γ -Al ₂ O ₃ for High Temperature CH ₄ Conversion to Syngas. ChemCatChem, 2012, 4, 1368-1375.	3.7	27
18	Liquid phase hydrogenation of methyl-N-Boc-pyrrole-2-carboxylate over tailored Ru nanoparticles. Journal of Catalysis, 2012, 289, 249-258.	6.2	11

#	ARTICLE	IF	CITATIONS
19	Ozonolysis of Acetic Acid 1-Vinyl-hexyl Ester in a Falling Film Microreactor. <i>Organic Process Research and Development</i> , 2007, 11, 1025-1031.	2.7	59
20	Synthesis of flow-compatible Ru-Me/Al ₂ O ₃ catalysts and their application in hydrogenation of 1-iodo-4-nitrobenzene. <i>Journal of Flow Chemistry</i> , 0, , 1.	1.9	3