

# Norbert Steinfeldt

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

496  
citations

840776

11  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

824  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of support on the aerobic oxidation of HMF into FDCA over preformed Pd nanoparticle based materials. <i>Applied Catalysis A: General</i> , 2014, 478, 107-116.	4.3	115
2	Synthesis, Characterization, and Application of PVP-Pd NP in the Aerobic Oxidation of 5-Hydroxymethylfurfural (HMF). <i>Catalysis Letters</i> , 2014, 144, 498-506.	2.6	65
3	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
4	Selective Hydrogenation of Halogenated Nitroaromatics to Haloanilines in Batch and Flow. <i>Organic Process Research and Development</i> , 2016, 20, 452-464.	2.7	50
5	In Situ Monitoring of Pt Nanoparticle Formation in Ethylene Glycol Solution by SAXS—Influence of the NaOH to Pt Ratio. <i>Langmuir</i> , 2012, 28, 13072-13079.	3.5	48
6	Tailored Noble Metal Nanoparticles on $\text{Al}_2\text{O}_3$ for High Temperature $\text{CH}_4$ Conversion to Syngas. <i>ChemCatChem</i> , 2012, 4, 1368-1375.	3.7	27
7	Experimental and theoretical investigations of the influence of carbon on a $\text{Ho}^{3+}$ - $\text{TiO}_2$ photocatalyst with Vis response. <i>Journal of Colloid and Interface Science</i> , 2019, 549, 212-224.	9.4	18
8	Catalytic Desaturation of Aliphatic Amides and Imides Enabled by Excited-State Base-Metal Catalysis. <i>ACS Catalysis</i> , 2022, 12, 8868-8876.	11.2	15
9	Polymer Encapsulated Cobalt-Based Catalysts ( $\text{Co}^{\text{EnCat}}_{\text{TM}}$ ) for Selective Continuous Hydrogenation of 1-Nitrobenzene. <i>ChemCatChem</i> , 2017, 9, 3210-3217.	3.7	14
10	Efficient Base Nickel-Catalyzed Hydrogenolysis of Furfural-Derived Tetrahydrofurfuryl Alcohol to 1,5-Pentandiol. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 4954-4968.	6.7	14
11	Liquid phase hydrogenation of methyl-N-Boc-pyrrole-2-carboxylate over tailored Ru nanoparticles. <i>Journal of Catalysis</i> , 2012, 289, 249-258.	6.2	11
12	Facile synthesis of supported $\text{Ru}^{\text{Triphos}}$ catalysts for continuous flow application in selective nitrile reduction. <i>Chemical Science</i> , 2019, 10, 8195-8201.	7.4	11
13	Effect of metal ion addition on structural characteristics and photocatalytic activity of ordered mesoporous titania. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 91, 539-551.	2.4	10
14	Thermal annealing of ordered $\text{TiO}_2$ nanotube arrays with water vapor-assisted crystallization under a continuous gas flow for superior photocatalytic performance. <i>Chemical Engineering Journal</i> , 2021, 425, 130619.	12.7	8
15	On the selective aerobic oxidation of benzyl alcohol with Pd/Au-nanoparticles in batch and flow. <i>Nanotechnology Reviews</i> , 2014, 3, 99-110.	5.8	7
16	Preparation of tailor-made supported catalysts using asymmetric flow field flow fractionation and their application in hydrogenation. <i>Nanotechnology Reviews</i> , 2014, 3, 87-98.	5.8	6
17	Enhanced photocatalytic performance of polymeric carbon nitride through combination of iron loading and hydrogen peroxide treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 589, 124383.	4.7	5
18	Experimental and Numerical Characterization of Transport Phenomena in a Falling Film Microreactor with Gas-Liquid Reaction. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 4033-4047.	3.7	5

#	ARTICLE	IF	CITATIONS
19	Dehydrogenation of 1-butene with CO <sub>2</sub> over VO <sub>x</sub> supported catalysts. Applied Catalysis A: General, 2020, 602, 117648.	4.3	5
20	Synthesis of flow-compatible Ru-Me/Al <sub>2</sub> O <sub>3</sub> catalysts and their application in hydrogenation of 1-iodo-4-nitrobenzene. Journal of Flow Chemistry, 0, , 1.	1.9	3