

Anne-Eva Nieuwelink

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

358
citations

1040056

9
h-index

1199594

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g-index

13
all docs

13
docs citations

13
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	Single catalyst particle diagnostics in a microreactor for performing multiphase hydrogenation reactions. <i>Faraday Discussions</i> , 2021, 229, 267-280.	3.2	5
2	High-throughput activity screening and sorting of single catalyst particles with a droplet microreactor using dielectrophoresis. <i>Nature Catalysis</i> , 2021, 4, 1070-1079.	34.4	23
3	Continuous Flow Pickering Emulsion Catalysis in Droplet Microfluidics Studied with In Situ Raman Microscopy. <i>Chemistry - A European Journal</i> , 2020, 26, 15099-15102.	3.3	14
4	Single Particle Assays to Determine Heterogeneities within Fluid Catalytic Cracking Catalysts. <i>Chemistry - A European Journal</i> , 2020, 26, 8482-8482.	3.3	3
5	Single Particle Assays to Determine Heterogeneities within Fluid Catalytic Cracking Catalysts. <i>Chemistry - A European Journal</i> , 2020, 26, 8546-8554.	3.3	10
6	Luminescence thermometry for <i>in situ</i> temperature measurements in microfluidic devices. <i>Lab on A Chip</i> , 2019, 19, 1236-1246.	6.0	64
7	Chemically and thermally stable lanthanide-doped Y ₂ O ₃ nanoparticles for remote temperature sensing in catalytic environments. <i>Chemical Engineering Science</i> , 2019, 198, 235-240.	3.8	49
8	In Situ Luminescence Thermometry To Locally Measure Temperature Gradients during Catalytic Reactions. <i>ACS Catalysis</i> , 2018, 8, 2397-2401.	11.2	91
9	Magnetophoretic Sorting of Single Catalyst Particles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10589-10594.	13.8	18
10	Magnetophoretic Sorting of Single Catalyst Particles. <i>Angewandte Chemie</i> , 2018, 130, 10749-10754.	2.0	3
11	CO ₂ Hydrogenation over Pt-Containing UiO-67 Zr-MOFs – The Base Case. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 13206-13218.	3.7	67
12	CaO as Drop-In Colloidal Catalysts for the Synthesis of Higher Polyglycerols. <i>Chemistry - A European Journal</i> , 2015, 21, 5101-5109.	3.3	11