

Klaus StÃ¶we

List of Publications by Year in descending order

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papers

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1307594

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citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Cerium-Bismuth Oxide Catalysts for Diesel Soot Oxidation Including Evaluation of an Automated Soot-Catalyst Contact Mode. <i>ChemistryOpen</i> , 2022, 11, e202100282.	1.9	1
2	Reaction Analyses Based on Quaternary Metal/Metal Oxide Catalyst Testing in Micro-Structured Reactors Using Combinatorial High-Throughput Methods for Power-to-Gas Applications. <i>Catalysts</i> , 2021, 11, 6.	3.5	2
3	Development of a Novel Microgap Reactor System for the Photocatalytic Degradation of Micropollutants from Aqueous Solutions with TiO ₂ -Based Photocatalysts Immobilized by Spray Coating. <i>Catalysts</i> , 2021, 11, 1351.	3.5	2
4	Niobium, Tantalum, and Tungsten Doped Tin Dioxides as Potential Support Materials for Fuel Cell Catalyst Applications. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1470-1480.	1.2	7
5	A High-Throughput Screening Approach to Identify New Active and Long-Term Stable Catalysts for Total Oxidation of Methane from Gas-Fueled Lean-Burn Engines. <i>Catalysts</i> , 2020, 10, 159.	3.5	4
6	Development of A Novel High Throughput Photo-catalyst Screening Procedure: UV-A Degradation of 17 β -Ethinylestradiol with Doped TiO ₂ -Based Photo-catalysts. <i>Materials</i> , 2020, 13, 1365.	2.9	3
7	Synthesis and Characterization of Bismuth-Cerium Oxides for the Catalytic Oxidation of Diesel Soot. <i>Materials</i> , 2020, 13, 1369.	2.9	9
8	MicroJet Reactor Technology: An Automated, Continuous Approach for Nanoparticle Syntheses. <i>Chemical Engineering and Technology</i> , 2019, 42, 2018-2027.	1.5	9
9	Quaternäre Metall/Metalloxid-Katalysatoren als Wandkatalysatoren in Mikroreaktoren für Power-to-Gas-Applikationen mittels kombinatorischer Hochdurchsatzmethoden. <i>Chemie-Ingenieur-Technik</i> , 2019, 91, 607-613.	0.8	3
10	High-Throughput Screening Approach to Identify New Catalysts for Total Oxidation of Methane from Gas Fueled Lean Burn Engines. <i>Topics in Catalysis</i> , 2016, 59, 1071-1075.	2.8	11
11	Corrosion-Resistant Parallel Fixed-Bed Reactors for High-Throughput Screening of New Deacon Reaction Catalysts. <i>Chemical Engineering and Technology</i> , 2014, 37, 1251-1260.	1.5	7
12	A search for alternative Deacon catalysts. <i>Applied Catalysis B: Environmental</i> , 2013, 132-133, 389-400.	20.2	40
13	Infrared Thermography as a High-Throughput Tool in Catalysis Research. <i>ACS Combinatorial Science</i> , 2012, 14, 295-303.	3.8	33
14	Cobalt based emission control catalysts with high resistance towards halide poisoning. <i>Applied Catalysis B: Environmental</i> , 2012, 117-118, 397-405.	20.2	7
15	Soot-catalyst contact studies in combustion processes using nano-scaled ceria as test material. <i>Catalysis Today</i> , 2011, 159, 100-107.	4.4	32
16	High-throughput technology for novel SO ₂ oxidation catalysts. <i>Science and Technology of Advanced Materials</i> , 2011, 12, 054101.	6.1	10