

Jens Artz

List of Publications by Year in descending order

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15
papers

645
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1024
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal free-covalent triazine frameworks as oxygen reduction reaction catalysts â€“ structureâ€“electrochemical activity relationship. Catalysis Science and Technology, 2021, 11, 6191-6204.	4.1	8
2	Particle size-controlled synthesis of high-performance MnCo-based materials for alkaline OER at fluctuating potentials. Catalysis Science and Technology, 2021, 11, 7278-7286.	4.1	8
3	Efficient Photocatalytic Oxidation of Aromatic Alcohols over Thiopheneâ€“based Covalent Triazine Frameworks with A Narrow Band Gap. ChemistrySelect, 2020, 5, 14438-14446.	1.5	21
4	Catalytic deoxygenation of bio-based 3-hydroxydecanoic acid to secondary alcohols and alkanes. Green Chemistry, 2020, 22, 3522-3531.	9.0	18
5	Superior activity and selectivity of heterogenized cobalt catalysts for hydrogenation of nitroarenes. Catalysis Science and Technology, 2019, 9, 157-162.	4.1	34
6	Playing with covalent triazine framework tiles for improved CO ₂ adsorption properties and catalytic performance. Beilstein Journal of Nanotechnology, 2019, 10, 1217-1227.	2.8	12
7	Electrochemical cross-coupling of biogenic di-acids for sustainable fuel production. Green Chemistry, 2019, 21, 2334-2344.	9.0	32
8	Selective production of glycols from xylitol over Ru on covalent triazine frameworks â€“ suppressing decarbonylation reactions. Green Chemistry, 2018, 20, 1316-1322.	9.0	29
9	Covalent Triazineâ€“based Frameworksâ€“Tailorâ€“made Catalysts and Catalyst Supports for Molecular and Nanoparticulate Species. ChemCatChem, 2018, 10, 1753-1771.	3.7	80
10	Producing Widespread Monomers from Biomass Using Economical Carbon and Rutheniumâ€“Titanium Dioxide Electro-catalysts. ACS Sustainable Chemistry and Engineering, 2018, 6, 17108-17113.	6.7	31
11	Sulfonated covalent triazine-based frameworks as catalysts for the hydrolysis of cellobiose to glucose. RSC Advances, 2018, 8, 22392-22401.	3.6	8
12	Electrocatalytic upgrading of itaconic acid to methylsuccinic acid using fermentation broth as a substrate solution. Green Chemistry, 2017, 19, 2390-2397.	9.0	46
13	N-containing covalent organic frameworks as supports for rhodium as transition-metal catalysts in hydroformylation reactions. Microporous and Mesoporous Materials, 2016, 227, 219-227.	4.4	35
14	Baseâ€“Free Aqueousâ€“Phase Oxidation of 5â€“Hydroxymethylfurfural over Ruthenium Catalysts Supported on Covalent Triazine Frameworks. ChemSusChem, 2015, 8, 3832-3838.	6.8	110
15	Selective Aerobic Oxidation of HMF to 2,5â€“Diformylfuran on Covalent Triazine Frameworksâ€“Supported Ru Catalysts. ChemSusChem, 2015, 8, 672-679.	6.8	173