

Paul Dornath

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

650
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1224
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Hierarchical Sn-MFI as Lewis Acid Catalysts for Isomerization of Cellulosic Sugars. ACS Catalysis, 2014, 4, 2029-2037.	11.2	108
2	Rapid synthesis of Sn-Beta for the isomerization of cellulosic sugars. RSC Advances, 2012, 2, 10475.	3.6	107
3	Dehydration of fructose into furans over zeolite catalyst using carbon black as adsorbent. Microporous and Mesoporous Materials, 2014, 191, 10-17.	4.4	70
4	Achieving Low Overpotential Li ⁺ /O ₂ Battery Operations by Li ₂ O ₂ Decomposition through One-Electron Processes. Nano Letters, 2015, 15, 8371-8376.	9.1	70
5	The effects of contact time and coking on the catalytic fast pyrolysis of cellulose. Green Chemistry, 2017, 19, 286-297.	9.0	67
6	Efficient mechano-catalytic depolymerization of crystalline cellulose by formation of branched glucan chains. Green Chemistry, 2015, 17, 769-775.	9.0	58
7	Confined synthesis of three-dimensionally ordered mesoporous-imprinted zeolites with tunable morphology and Si/Al ratio. Microporous and Mesoporous Materials, 2013, 181, 8-16.	4.4	50
8	Reactive adsorption for the selective dehydration of sugars to furans: Modeling and experiments. AIChE Journal, 2013, 59, 3378-3390.	3.6	32
9	Adsorption-enhanced hydrolysis of glucan oligomers into glucose over sulfonated three-dimensionally ordered mesoporous carbon catalysts. Green Chemistry, 2016, 18, 6637-6647.	9.0	25