

Alexandros P Katsoulidis

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

833
citations

840776

11
h-index

996975

15
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16
all docs

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docs citations

16
times ranked

1406
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning Prediction of Metal-Organic Framework Guest Accessibility from Linker and Metal Chemistry. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	24
2	Machine Learning Prediction of Metal-Organic Framework Guest Accessibility from Linker and Metal Chemistry. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
3	How Reproducible are Surface Areas Calculated from the BET Equation?. <i>Advanced Materials</i> , 2022, 34, .	21.0	82
4	High-Throughput Discovery of a Rhombohedral Twelve-Connected Zirconium-Based Metal-Organic Framework with Ordered Terephthalate and Fumarate Linkers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26939-26946.	13.8	10
5	Amino Acid Residues Determine the Response of Flexible Metal-Organic Frameworks to Guests. <i>Journal of the American Chemical Society</i> , 2020, 142, 14903-14913.	13.7	29
6	The Anisotropic Responses of a Flexible Metal-Organic Framework Constructed from Asymmetric Flexible Linkers and Heptanuclear Zinc Carboxylate Secondary Building Units. <i>Crystal Growth and Design</i> , 2019, 19, 5604-5618.	3.0	6
7	Chemical control of structure and guest uptake by a conformationally mobile porous material. <i>Nature</i> , 2019, 565, 213-217.	27.8	219
8	Encapsulation of Crabtree's Catalyst in Sulfonated MIL-101(Cr): Enhancement of Stability and Selectivity between Competing Reaction Pathways by the MOF Chemical Microenvironment. <i>Angewandte Chemie</i> , 2018, 130, 4622-4627.	2.0	7
9	Encapsulation of Crabtree's Catalyst in Sulfonated MIL-101(Cr): Enhancement of Stability and Selectivity between Competing Reaction Pathways by the MOF Chemical Microenvironment. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4532-4537.	13.8	52
10	Selective conversion of 5-hydroxymethylfurfural to cyclopentanone derivatives over Cu-Al ₂ O ₃ and Co-Al ₂ O ₃ catalysts in water. <i>Green Chemistry</i> , 2017, 19, 1701-1713.	9.0	72
11	Stable and ordered amide frameworks synthesised under reversible conditions which facilitate error checking. <i>Nature Communications</i> , 2017, 8, 1102.	12.8	126
12	Encapsulation of an organometallic cationic catalyst by direct exchange into an anionic MOF. <i>Chemical Science</i> , 2016, 7, 2037-2050.	7.4	57
13	Guest-Adaptable and Water-Stable Peptide-Based Porous Materials by Imidazolate Side Chain Control. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 193-198.	13.8	97
14	High-Throughput discovery of a rhombohedral twelve-connected zirconium-based metal-organic framework with ordered terephthalate and fumarate linkers. <i>Angewandte Chemie</i> , 0, , .	2.0	2