

Stephen M Meckler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3410497/publications.pdf>

Version: 2024-02-01

13
papers

548
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

1093
citing authors

#	ARTICLE	IF	CITATIONS
1	Optically Transparent Polymer Aerogels Via Controlled Radical Polymerization. ACS Applied Polymer Materials, 2022, 4, 1565-1569.	4.4	3
2	Diversity-oriented synthesis of polymer membranes with ion solvation cages. Nature, 2021, 592, 225-231.	27.8	83
3	Design Rules for Membranes from Polymers of Intrinsic Microporosity for Crossover-free Aqueous Electrochemical Devices. Joule, 2019, 3, 2968-2985.	24.0	84
4	Ultraviolet Spectroscopy and Photochemistry of SO ₂ /H ₂ O Ices. ACS Earth and Space Chemistry, 2019, 3, 663-668.	2.7	3
5	Thermally Rearranged Polymer Membranes Containing Tröger's Base Units Have Exceptional Performance for Air Separations. Angewandte Chemie - International Edition, 2018, 57, 4912-4916.	13.8	47
6	Thermally Rearranged Polymer Membranes Containing Tröger's Base Units Have Exceptional Performance for Air Separations. Angewandte Chemie, 2018, 130, 5006-5010.	2.0	8
7	Engineered Transport in Microporous Materials and Membranes for Clean Energy Technologies. Advanced Materials, 2018, 30, 1704953.	21.0	85
8	Thumbnail: Thermally Rearranged Polymer Membranes Containing Tröger's Base Units Have Exceptional Performance for Air Separations (Angew. Chem. 18/2018). Angewandte Chemie, 2018, 130, 5274-5274.	2.0	0
9	Diamine-Appended Mg ₂ (dobpdc) Nanorods as Phase-Change Fillers in Mixed-Matrix Membranes for Efficient CO ₂ /N ₂ Separations. Nano Letters, 2017, 17, 6828-6832.	9.1	28
10	Molecular understanding of polyelectrolyte binders that actively regulate ion transport in sulfur cathodes. Nature Communications, 2017, 8, 2277.	12.8	117
11	Minute-MOFs: Ultrafast Synthesis of M ₂ (dobpdc) Metal-Organic Frameworks from Divalent Metal Oxide Colloidal Nanocrystals. Chemistry of Materials, 2016, 28, 1581-1588.	6.7	29
12	Sub-micron Polymer-Zeolitic Imidazolate Framework Layered Hybrids via Controlled Chemical Transformation of Naked ZnO Nanocrystal Films. Chemistry of Materials, 2015, 27, 7673-7679.	6.7	45
13	Triggered Detection and Deposition: Toward the Repair of Microcracks. Chemistry of Materials, 2014, 26, 4647-4652.	6.7	16