

Matheus Dorneles de Mello

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

375
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758635

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24
all docs

24
docs citations

24
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent-free bottom-up patterning of zeolitic imidazolate frameworks. Nature Communications, 2022, 13, 420.	5.8	20
2	<i>In Situ</i> Tracking of Nonthermal Plasma Etching of ZIF-8 Films. ACS Applied Materials & Interfaces, 2022, 14, 19023-19030.	4.0	7
3	Electron beam induced modification of ZIF-8 membrane permeation properties. Chemical Communications, 2021, 57, 5250-5253.	2.2	12
4	ZIF-8 Membrane Permselectivity Modification by Manganese(II) Acetylacetonate Vapor Treatment. Angewandte Chemie - International Edition, 2021, 60, 9316-9320.	7.2	36
5	ZIF-8 Membrane Permselectivity Modification by Manganese(II) Acetylacetonate Vapor Treatment. Angewandte Chemie, 2021, 133, 9402-9406.	1.6	7
6	Xenon Trapping in Metal-Supported Silica Nanocages. Small, 2021, 17, 2103661.	5.2	2
7	Few-Unit Cell MFI Zeolite Synthesized using a Simple Di-quatery Ammonium Structure as Directing Agent. Angewandte Chemie - International Edition, 2021, 60, 19214-19221.	7.2	19
8	Few-Unit Cell MFI Zeolite Synthesized using a Simple Di-quatery Ammonium Structure as Directing Agent. Angewandte Chemie, 2021, 133, 19363-19370.	1.6	8
9	Xenon Trapping in Metal-Supported Silica Nanocages (Small 39/2021). Small, 2021, 17, 2170204.	5.2	0
10	Vapor and liquid phase adsorption of alcohol and water in silicalite-1 synthesized in fluoride media. AIChE Journal, 2020, 66, e16868.	1.8	12
11	Phosphonate-Modified UiO-66 Brønsted Acid Catalyst and Its Use in Dehydration/Decyclization of 2-Methyltetrahydrofuran to Pentadienes. Angewandte Chemie - International Edition, 2020, 59, 13260-13266.	7.2	21
12	Phosphonate-Modified UiO-66 Brønsted Acid Catalyst and Its Use in Dehydration/Decyclization of 2-Methyltetrahydrofuran to Pentadienes. Angewandte Chemie, 2020, 132, 13362-13368.	1.6	4
13	Frontispiece: ZIF-8 Membrane Separation Performance Tuning by Vapor Phase Ligand Treatment. Angewandte Chemie - International Edition, 2019, 58, .	7.2	1
14	ZIF-8 Membrane Separation Performance Tuning by Vapor Phase Ligand Treatment. Angewandte Chemie, 2019, 131, 16542-16546.	1.6	26
15	ZIF-8 Membrane Separation Performance Tuning by Vapor Phase Ligand Treatment. Angewandte Chemie - International Edition, 2019, 58, 16390-16394.	7.2	54
16	ssDNA-amphiphile architecture used to control dimensions of DNA nanotubes. Nanoscale, 2019, 11, 19850-19861.	2.8	8
17	Frontispiz: ZIF-8 Membrane Separation Performance Tuning by Vapor Phase Ligand Treatment. Angewandte Chemie, 2019, 131, .	1.6	0
18	Effects of Citric Acid Addition Method on the Activity of NiMo/Al ₂ O ₃ Catalysts in Simultaneous Hydrodesulfurization and Hydrodenitrogenation Reactions. Energy & Fuels, 2019, 33, 1450-1457.	2.5	15

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19	Kinetic modeling of deep hydrodesulfurization of dibenzothiophenes on NiMo/alumina catalysts modified by phosphorus. <i>Fuel Processing Technology</i> , 2018, 177, 66-74.	3.7	27
20	Selective Glucose to Fructose Isomerization over Modified Zirconium UiO-66 in Alcohol Media. <i>ChemCatChem</i> , 2018, 10, 2417-2423.	1.8	39
21	Understanding the unique sorption of alkane- α , ω -diols in silicalite-1. <i>Journal of Chemical Physics</i> , 2018, 149, 072331.	1.2	8
22	Effects of Phosphorus Content on Simultaneous Ultradeep HDS and HDN Reactions over NiMoP/Alumina Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 10287-10299.	1.8	27
23	Catalytic properties of lipases immobilized onto ultrasound-treated chitosan supports. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 1090-1100.	1.4	18
24	Ethanol and Water Adsorption in Conventional and Hierarchical All-Silica MFI Zeolites. <i>ACS Physical Chemistry Au</i> , 0, , .	1.9	4