Laurens D B Mandemaker

List of Publications by Year
in descending order

18	471	840776 11	839539 18
papers	citations	h-index	g-index

21	21	21	545
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unravelling Channel Structureâ€“Diffusivity Relationships in Zeolite ZSMâ€5 at the Singleâ€Molecule Level. Angewandte Chemie, 2022, 134, .	2.0	5
2	RÃ¼cktitelbild: Unravelling Channel Structureâ€“Diffusivity Relationships in Zeolite ZSMâ€5 at the Singleâ€Molecule Level (Angew. Chem. 5/2022). Angewandte Chemie, 2022, 134, .	2.0	0
3	Unravelling Channel Structureâ€“Diffusivity Relationships in Zeolite ZSMâ€5 at the Singleâ€Molecule Level. Angewandte Chemie - International Edition, 2022, 61, .	13.8	19
4	Subâ€Second Timeâ€Resolved Surfaceâ€Enhanced Raman Spectroscopy Reveals Dynamic CO Intermediates during Electrochemical CO₂ Reduction on Copper. Angewandte Chemie, 2021, 133, 16712-16720.	2.0	17
5	Subâ€Second Timeâ€Resolved Surfaceâ€Enhanced Raman Spectroscopy Reveals Dynamic CO Intermediates during Electrochemical CO₂ Reduction on Copper. Angewandte Chemie - International Edition, 2021, 60, 16576-16584.	13.8	141
6	Nanoweb Surfaceâ€Mounted Metalâ€“Organic Framework Films with Tunable Amounts of Acid Sites as Tailored Catalysts. Chemistry - A European Journal, 2020, 26, 691-698.	3.3	11
7	Melamineâ€Based Microporous Organic Framework Thin Films on an Alumina Membrane for Highâ€Flux Organic Solvent Nanofiltration. ChemSusChem, 2020, 13, 136-140.	6.8	16
8	Control over the fibrillization yield by varying the oligomeric nucleation propensities of self-assembling peptides. Communications Chemistry, 2020, 3, .	4.5	7
9	Spectroscopy, microscopy, diffraction and scattering of archetypal MOFs: formation, metal sites in catalysis and thin films. Chemical Society Reviews, 2020, 49, 6694-6732.	38.1	71
10	In Situ Spectroscopy of Calcium Fluoride Anchored Metalâ€“Organic Framework Thin Films during Gas Sorption. Angewandte Chemie, 2020, 132, 19713-19720.	2.0	6
11	In Situ Spectroscopy of Calcium Fluoride Anchored Metalâ€“Organic Framework Thin Films during Gas Sorption. Angewandte Chemie - International Edition, 2020, 59, 19545-19552.	13.8	13
12	Inâ€…Situ Study on Niâ€“Mo Stability in a Waterâ€Splitting Device: Effect of Catalyst Substrate and Electric Potential. ChemSusChem, 2020, 13, 3172-3179.	6.8	13
13	Electrolyte Effects on the Stability of Niâ^'Mo Cathodes for the Hydrogen Evolution Reaction. ChemSusChem, 2019, 12, 3491-3500.	6.8	37
14	Time-Resolved In Situ Liquid-Phase Atomic Force Microscopy and Infrared Nanospectroscopy during the Formation of Metalâ€“Organic Framework Thin Films. Journal of Physical Chemistry Letters, 2018, 9, 1838-1844.	4.6	26
15	Mechanistic Insights into Growth of Surfaceâ€Mounted Metalâ€Organic Framework Films Resolved by Infrared (Nanoâ€) Spectroscopy. Chemistry - A European Journal, 2018, 24, 187-195.	3.3	57
16	Uniformly Oriented Zeolite ZSMâ€5 Membranes with Tunable Wettability on a Porous Ceramic. Angewandte Chemie - International Edition, 2018, 57, 12458-12462.	13.8	19
17	Uniformly Oriented Zeolite ZSMâ€5 Membranes with Tunable Wettability on a Porous Ceramic. Angewandte Chemie, 2018, 130, 12638-12642.	2.0	7
18	Behavior of a Metal Organic Framework Thinâ€Film at Elevated Temperature and Pressure as Studied with an Autoclaveâ€Inserted Atomic Force Microscope. ChemPhysChem, 2018, 19, 2397-2404.	2.1	5