

Andreas Schaate

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,284
citations

687220

13
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

3441
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulated Synthesis of Zr-Based Metal-Organic Frameworks: From Nano to Single Crystals. Chemistry - A European Journal, 2011, 17, 6643-6651.	1.7	1,320
2	Modulated synthesis of Zr-fumarate MOF. Microporous and Mesoporous Materials, 2012, 152, 64-70.	2.2	334
3	Porous Interpenetrated Zirconium-Organic Frameworks (PIZOFs): A Chemically Versatile Family of Metal-Organic Frameworks. Chemistry - A European Journal, 2011, 17, 9320-9325.	1.7	170
4	A Novel Zr-Based Porous Coordination Polymer Containing Azobenzenedicarboxylate as a Linker. European Journal of Inorganic Chemistry, 2012, 2012, 790-796.	1.0	84
5	A Calixarene-Based Metal-Organic Framework for Highly Selective NO ₂ Detection. Angewandte Chemie - International Edition, 2018, 57, 12961-12965.	7.2	78
6	Two Zinc(II) Coordination Polymers Constructed with Rigid 1,4-Benzenedicarboxylate and Flexible 1,4-Bis(imidazol-1-ylmethyl)-2,3,5,6-tetramethylbenzene Linkers: From Interpenetrating Layers to Templated 3D Frameworks. Crystal Growth and Design, 2008, 8, 3200-3205.	1.4	67
7	Post-Synthetic Modification of Zr-Metal-Organic Frameworks through Cycloaddition Reactions. Chemistry - A European Journal, 2012, 18, 6979-6985.	1.7	53
8	Photoisomerization for a molecular switch in contact with a surface. Physical Review B, 2012, 85, .	1.1	32
9	Direct grafting-from of PEDOT from a photoreactive Zr-based MOF - a novel route to electrically conductive composite materials. Chemical Communications, 2019, 55, 3367-3370.	2.2	29
10	Highly oriented surface-growth and covalent dye labeling of mesoporous metal-organic frameworks. Dalton Transactions, 2012, 41, 3899.	1.6	27
11	Postsynthetic Modification of Metal-Organic Frameworks through Nitrile Oxide-Alkyne Cycloaddition. Inorganic Chemistry, 2018, 57, 3348-3359.	1.9	23
12	A Low-Temperature Approach for the Phase-Pure Synthesis of MIL-140 Structured Metal-Organic Frameworks. Chemistry - A European Journal, 2019, 25, 13598-13608.	1.7	16
13	One-dimensional Zn(II) oligo(phenyleneethynylene)dicarboxylate coordination polymers: Synthesis, crystal structures, thermal and photoluminescent properties. Inorganica Chimica Acta, 2009, 362, 3600-3606.	1.2	15
14	Delamination and Photochemical Modification of a Novel Two-Dimensional Zr-Based Metal-Organic Frameworks. Chemistry - A European Journal, 2018, 24, 12848-12855.	1.7	12
15	Inside/Outside: Post-Synthetic Modification of the Zr-Benzophenonedicarboxylate Metal-Organic Framework. Chemistry - A European Journal, 2020, 26, 2222-2232.	1.7	10
16	Eine Calixaren-basierte Metallorganische Gerüstverbindung für den hoch selektiven NO ₂ -Nachweis. Angewandte Chemie, 2018, 130, 13143-13147.	1.6	9
17	Solvent-assisted linker exchange as a tool for the design of mixed-linker MIL-140D structured MOFs for highly selective detection of gaseous H ₂ S. RSC Advances, 2020, 10, 12334-12338.	1.7	3
18	Design of Active Defects in Semiconductors: 3D Electron Diffraction Revealed Novel Organometallic Lead Bromide Phases Containing Ferrocene as Redox Switches. Advanced Functional Materials, 0, , 2201126.	7.8	2