

Christian Schneider

List of Publications by Year in descending order

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18
papers

595
citations

687363

13
h-index

839539

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all docs

19
docs citations

19
times ranked

892
citing authors

#	ARTICLE	IF	CITATIONS
1	Results of a Direct Search Using Synchrotron Radiation for the Low-Energy ν_{Th} Nuclear Isomeric Transition. <i>Physical Review Letters</i> , 2015, 114, 253001.	7.8	87
2	High electrical conductivity and high porosity in a Guest@MOF material: evidence of TCNQ ordering within Cu_3BTC_2 micropores. <i>Chemical Science</i> , 2018, 9, 7405-7412.	7.4	73
3	Synthesis of mixed hypermetallic oxide BaOCa from laser-cooled reagents in an atom-ion hybrid trap. <i>Science</i> , 2017, 357, 1370-1375.	12.6	58
4	Tuning the Negative Thermal Expansion Behavior of the Metal-Organic Framework Cu_3BTC_2 by Retrofitting. <i>Journal of the American Chemical Society</i> , 2019, 141, 10504-10509.	13.7	57
5	Controlling Multiphoton Absorption Efficiency by Chromophore Packing in Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 11594-11602.	13.7	56
6	Thin Film Growth of nbo MOFs and their Integration with Electroacoustic Devices. <i>Advanced Functional Materials</i> , 2016, 26, 1699-1707.	14.9	53
7	Reaction blockading in a reaction between an excited atom and a charged molecule at low collision energy. <i>Nature Chemistry</i> , 2019, 11, 615-621.	13.6	41
8	Surface Morphology and Electrical Properties of Cu_3BTC_2 Thin Films Before and After Reaction with TCNQ. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39400-39410.	8.0	30
9	Retrofitting metal-organic frameworks. <i>Nature Communications</i> , 2019, 10, 4921.	12.8	30
10	Blue-sky bifurcation of ion energies and the limits of neutral-gas sympathetic cooling of trapped ions. <i>Nature Communications</i> , 2016, 7, 12448.	12.8	27
11	Scrutinizing the Pore Chemistry and the Importance of Cu(I) Defects in TCNQ-Loaded Cu_3BTC_2 by a Multitechnique Spectroscopic Approach. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1024-1035.	8.0	17
12	Elaboration of a Highly Porous Ru^{II} Analogue of HKUST-1. <i>Inorganic Chemistry</i> , 2016, 55, 12492-12495.	4.0	15
13	Micro-spectroscopy of HKUST-1 metal-organic framework crystals loaded with tetracyanoquinodimethane: effects of water on host-guest chemistry and electrical conductivity. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25678-25689.	2.8	15
14	Efficient repumping of a Ca magneto-optical trap. <i>Physical Review A</i> , 2017, 96, .	2.5	13
15	Engineering Excited-State Interactions at Ultracold Temperatures. <i>Physical Review Letters</i> , 2019, 122, 233401.	7.8	8
16	High-resolution collision energy control through ion position modulation in atom-ion hybrid systems. <i>Review of Scientific Instruments</i> , 2018, 89, 083112.	1.3	7
17	Dipole-phonon quantum logic with alkaline-earth monoxide and monosulfide cations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 24964-24973.	2.8	6
18	Introducing Benzene-1,3,5-tri(dithiocarboxylate) as a Multidentate Linker in Coordination Chemistry. <i>Inorganic Chemistry</i> , 2021, 60, 19242-19252.	4.0	2