

Johannes Leisen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

930
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1955
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-walled zeolitic nanotubes. <i>Science</i> , 2022, 375, 62-66.	12.6	25
2	Understanding the Impacts of Support–Polymer Interactions on the Dynamics of Poly(ethyleneimine) Confined in Mesoporous SBA-15. <i>Journal of the American Chemical Society</i> , 2022, 144, 11664-11675.	13.7	17
3	Closed-loop trans-skull ultrasound hyperthermia leads to improved drug delivery from thermosensitive drugs and promotes changes in vascular transport dynamics in brain tumors. <i>Theranostics</i> , 2021, 11, 7276-7293.	10.0	26
4	Multi-component relaxation modelling in human Achilles tendon: Quantifying chemical shift information in ultra-short echo time imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 415-428.	3.0	2
5	Humidity Sensing through Reversible Isomerization of a Covalent Organic Framework. <i>Journal of the American Chemical Society</i> , 2020, 142, 783-791.	13.7	190
6	Understanding Li-ion Dynamics in Lithium Hydroxychloride (Li ₂ OHCl) Solid State Electrolyte via Addressing the Role of Protons. <i>Advanced Energy Materials</i> , 2020, 10, 1903480.	19.5	29
7	Interfacial charge-transfer doping of metal halide perovskites for high performance photovoltaics. <i>Energy and Environmental Science</i> , 2019, 12, 3063-3073.	30.8	111
8	Sorption and Transport of Vapors in ZIF-11: Adsorption, Diffusion, and Linker Flexibility. <i>Journal of Physical Chemistry C</i> , 2019, , .	3.1	16
9	(4NPEA) ₂ PbI ₄ (4NPEA = 4-Nitrophenylethylammonium): Structural, NMR, and Optical Properties of a 3 Å–3 Corrugated 2D Hybrid Perovskite. <i>Journal of the American Chemical Society</i> , 2019, 141, 4521-4525.	13.7	37
10	All-Nanoporous Hybrid Membranes: Redefining Upper Limits on Molecular Separation Properties. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 236-239.	13.8	35
11	All-Nanoporous Hybrid Membranes: Redefining Upper Limits on Molecular Separation Properties. <i>Angewandte Chemie</i> , 2019, 131, 242-245.	2.0	14
12	Structure Elucidation of Mixed-Linker Zeolitic Imidazolate Frameworks by Solid-State 1H CRAMPS NMR Spectroscopy and Computational Modeling. <i>Journal of the American Chemical Society</i> , 2016, 138, 7325-7336.	13.7	45
13	PIM-1 as a Solution-Processable “Molecular Basket” for CO ₂ Capture from Dilute Sources. <i>ACS Macro Letters</i> , 2015, 4, 1415-1419.	4.8	60
14	Understanding DABCO Nanorotor Dynamics in Isostructural Metal–Organic Frameworks. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 812-816.	4.6	37
15	Highly Tunable Molecular Sieving and Adsorption Properties of Mixed-Linker Zeolitic Imidazolate Frameworks. <i>Journal of the American Chemical Society</i> , 2015, 137, 4191-4197.	13.7	192
16	Solid-State NMR study of spin finish of thermally treated PAN and PAN/CNT precursor fibers. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	1
17	Phosphorescent light-emitting diodes using triscarbazole/bis(oxadiazole) hosts: comparison of homopolymer blends and random and block copolymers. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6743.	5.5	11
18	Direct synthesis of single-walled aminoaluminosilicate nanotubes with enhanced molecular adsorption selectivity. <i>Nature Communications</i> , 2014, 5, 3342.	12.8	73

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19	Validation of the integrated upwardâ€“horizontalâ€“downward wicking test for providing intensive properties of textile fabrics. Journal of the Textile Institute, 2012, 103, 952-959.	1.9	4
20	Spatially Resolved Solid-State ¹ H NMR for Evaluation of Gradient-Composition Polymeric Libraries. ACS Combinatorial Science, 2012, 14, 415-424.	3.8	5