

Ang Qiao

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,105
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed metal node effect in zeolitic imidazolate frameworks. RSC Advances, 2022, 12, 10815-10824.	3.6	6
2	Hypersensitivity of the Glass Transition to Pressure History in a Metal-Organic Framework Glass. Chemistry of Materials, 2022, 34, 5030-5038.	6.7	12
3	Deformation mechanism of a metal-organic framework glass under indentation. Physical Chemistry Chemical Physics, 2021, 23, 16923-16931.	2.8	8
4	From Molten Calcium Aluminates through Phase Transitions to Cement Phases. Advanced Science, 2020, 7, 1902209.	11.2	15
5	Impact of 1-Methylimidazole on Crystal Formation, Phase Transitions, and Glass Formation in a Zeolitic Imidazolate Framework. Crystal Growth and Design, 2020, 20, 6528-6534.	3.0	13
6	Ultrahigh-field ⁶⁷ Zn NMR reveals short-range disorder in zeolitic imidazolate framework glasses. Science, 2020, 367, 1473-1476.	12.6	132
7	Observation of indentation-induced shear bands in a metal-organic framework glass. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10149-10154.	7.1	47
8	Fracture toughness of a metal-organic framework glass. Nature Communications, 2020, 11, 2593.	12.8	76
9	Phenol Abatement by Titanium Dioxide Photocatalysts: Effect of The Graphene Oxide Loading. Nanomaterials, 2019, 9, 947.	4.1	16
10	Synthesis, phase transitions and vitrification of the zeolitic imidazolate framework: ZIF-4. Journal of Non-Crystalline Solids, 2019, 525, 119665.	3.1	11
11	Flux melting of metal-organic frameworks. Chemical Science, 2019, 10, 3592-3601.	7.4	67
12	Optical properties of a melt-quenched metal-organic framework glass. Optics Letters, 2019, 44, 1623.	3.3	58
13	A metal-organic framework with ultrahigh glass-forming ability. Science Advances, 2018, 4, eaao6827.	10.3	196
14	Mixed intermediate effect on mechanical and rheological performances in Zn Mg silicate glasses. Journal of Alloys and Compounds, 2018, 747, 738-746.	5.5	7
15	Metal-organic framework glasses with permanent accessible porosity. Nature Communications, 2018, 9, 5042.	12.8	147
16	Sub-T _g enthalpy relaxation in milled and quenched As ₂ S ₃ glasses. Journal of Non-Crystalline Solids, 2018, 500, 225-230.	3.1	5
17	Sub-T _g enthalpy relaxation in a milling-derived chalcogenide glass. Journal of the American Ceramic Society, 2017, 100, 968-974.	3.8	11
18	Mutual-stabilization in chemically bonded graphene oxide-TiO ₂ heterostructures synthesized by a sol-gel approach. RSC Advances, 2017, 7, 41217-41227.	3.6	26

#	ARTICLE	IF	CITATIONS
19	Melt-Quenched Glasses of Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2016, 138, 3484-3492.	13.7	252