

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	Melt-Quenched Glasses of Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2016, 138, 3484-3492.	13.7	252
2	A metal-organic framework with ultrahigh glass-forming ability. <i>Science Advances</i> , 2018, 4, eaao6827.	10.3	196
3	Metal-organic framework glasses with permanent accessible porosity. <i>Nature Communications</i> , 2018, 9, 5042.	12.8	147
4	Ultrahigh-field ⁶⁷ Zn NMR reveals short-range disorder in zeolitic imidazolate framework glasses. <i>Science</i> , 2020, 367, 1473-1476.	12.6	132
5	Fracture toughness of a metal-organic framework glass. <i>Nature Communications</i> , 2020, 11, 2593.	12.8	76
6	Flux melting of metal-organic frameworks. <i>Chemical Science</i> , 2019, 10, 3592-3601.	7.4	67
7	Optical properties of a melt-quenched metal-organic framework glass. <i>Optics Letters</i> , 2019, 44, 1623.	3.3	58
8	Observation of indentation-induced shear bands in a metal-organic framework glass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10149-10154.	7.1	47
9	Mutual-stabilization in chemically bonded graphene oxide-TiO ₂ heterostructures synthesized by a sol-gel approach. <i>RSC Advances</i> , 2017, 7, 41217-41227.	3.6	26
10	Phenol Abatement by Titanium Dioxide Photocatalysts: Effect of The Graphene Oxide Loading. <i>Nanomaterials</i> , 2019, 9, 947.	4.1	16
11	From Molten Calcium Aluminates through Phase Transitions to Cement Phases. <i>Advanced Science</i> , 2020, 7, 1902209.	11.2	15
12	Impact of 1-Methylimidazole on Crystal Formation, Phase Transitions, and Glass Formation in a Zeolitic Imidazolate Framework. <i>Crystal Growth and Design</i> , 2020, 20, 6528-6534.	3.0	13
13	Hypersensitivity of the Glass Transition to Pressure History in a Metal-Organic Framework Glass. <i>Chemistry of Materials</i> , 2022, 34, 5030-5038.	6.7	12
14	Sub-T _g enthalpy relaxation in a milling-derived chalcogenide glass. <i>Journal of the American Ceramic Society</i> , 2017, 100, 968-974.	3.8	11
15	Synthesis, phase transitions and vitrification of the zeolitic imidazolate framework: ZIF-4. <i>Journal of Non-Crystalline Solids</i> , 2019, 525, 119665.	3.1	11
16	Deformation mechanism of a metal-organic framework glass under indentation. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 16923-16931.	2.8	8
17	Mixed intermediate effect on mechanical and rheological performances in Zn Mg silicate glasses. <i>Journal of Alloys and Compounds</i> , 2018, 747, 738-746.	5.5	7
18	Mixed metal node effect in zeolitic imidazolate frameworks. <i>RSC Advances</i> , 2022, 12, 10815-10824.	3.6	6

#	ARTICLE	IF	CITATIONS
19	Sub-Tg enthalpy relaxation in milled and quenched As ₂ S ₃ glasses. Journal of Non-Crystalline Solids, 2018, 500, 225-230.	3.1	5