

Hao Liu

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Tribological Behavior and Thermal Stability of Thermoplastic Polyimide/Poly (Ether Ether Ketone) Blends at Elevated Temperature. <i>Journal of Macromolecular Science - Physics</i> , 2021, 60, 175-189.	0.4	5
2	Tribocorrosion properties of AISI 1045 and AISI 2205 steels in seawater: Synergistic interactions of wear and corrosion. <i>Friction</i> , 2021, 9, 929-940.	3.4	8
3	Direct synthesis of shaped MgAPO-11 molecular sieves and the catalytic performance in <i>n</i> -dodecane hydroisomerization. <i>RSC Advances</i> , 2021, 11, 25364-25374.	1.7	5
4	Highly Effective Pd/MgO/ γ -Al ₂ O ₃ Catalysts for CO Oxidative Coupling to Dimethyl Oxalate: The Effect of MgO Coating on γ -Al ₂ O ₃ . <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28064-28071.	4.0	12
5	Durability of fiber-reinforced polyoxymethylene composites under the high hydrostatic pressure in the deep sea. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48686.	1.3	10
6	Fretting Wear Behavior of Cu/Ultra-High Molecular Weight Polyethylene Nanocomposites Under Different Strokes. <i>Journal of Macromolecular Science - Physics</i> , 2020, 59, 25-36.	0.4	1
7	The influence of several silicates on the fretting behavior of UHMWPE composites. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49335.	1.3	8
8	Lotus-Leaf-Inspired Flexible and Tunable Random Laser. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10050-10057.	4.0	25
9	Assessing the Tribocorrosion Performance of Nickel-Aluminum Bronze in Different Aqueous Environments. <i>Tribology Transactions</i> , 2019, 62, 314-323.	1.1	5
10	Pt/ZSM-22 with Partially Filled Micropore Channels as Excellent Shape-Selective Hydroisomerization Catalyst. <i>ChemCatChem</i> , 2019, 11, 1431-1436.	1.8	26
11	An investigation on the mechanical and tribological properties of carbon fiber/polyimide composites at elevated temperatures. <i>Polymer Composites</i> , 2018, 39, E869.	2.3	13
12	Comparative study of the effects of nano-sized and micro-sized CF and PTFE on the thermal and tribological properties of PEEK composites. <i>Polymers for Advanced Technologies</i> , 2018, 29, 896-905.	1.6	33
13	Hydrostatic pressure-dependent wear behavior of thermoplastic polymers in deep sea. <i>Polymers for Advanced Technologies</i> , 2018, 29, 2410-2415.	1.6	12
14	Effects of Pt site distributions on the catalytic performance of Pt/SAPO-11 for <i>n</i> -dodecane hydroisomerization. <i>Catalysis Today</i> , 2018, 316, 43-50.	2.2	40
15	Accelerated degradation of polyetheretherketone and its composites in the deep sea. <i>Royal Society Open Science</i> , 2018, 5, 171775.	1.1	14
16	Skeletal isomerization of <i>n</i> -pentane: A comparative study on catalytic properties of Pt/WO _x -ZrO ₂ and Pt/ZSM-22. <i>Applied Catalysis A: General</i> , 2017, 537, 59-65.	2.2	28
17	Ionothermal Synthesis of MnAPO-SOD Molecular Sieve without the Aid of Organic Structure-Directing Agents. <i>Inorganic Chemistry</i> , 2016, 55, 1809-1815.	1.9	5
18	Ionothermal Synthesis of Molecular Sieves. <i>Green Chemistry and Sustainable Technology</i> , 2016, , 37-76.	0.4	2

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19	Ionothermal syntheses of transition-metal-substituted aluminophosphate molecular sieves in the presence of tetraalkylammonium hydroxides. <i>Microporous and Mesoporous Materials</i> , 2015, 210, 125-132.	2.2	8
20	Synthesis of ZIF-8 in a deep eutectic solvent using cooling-induced crystallisation. <i>Microporous and Mesoporous Materials</i> , 2014, 195, 50-59.	2.2	36
21	Mn ²⁺ -cation-directed ionothermal synthesis of an open-framework fluorinated aluminium phosphite-phosphate. <i>RSC Advances</i> , 2014, 4, 29310.	1.7	4
22	Ionothermal syntheses and characterizations of cobalt-substituted extra-large pore aluminophosphate molecular sieves with -CLO topology. <i>Microporous and Mesoporous Materials</i> , 2014, 198, 153-160.	2.2	18
23	Ionothermal Synthesis of AEL-Type Aluminophosphate Molecular Sieve Membrane and Its Formation Mechanism. <i>Acta Chimica Sinica</i> , 2013, 71, 573.	0.5	4
24	Preparation of Ce-modified Raney Ni Catalysts and Their Application in Aqueous-Phase Reforming of Cellulose. <i>Catalysis Letters</i> , 2011, 141, 1851-1858.	1.4	14
25	Poly[bis(1/4 ⁻ -5- <i>n</i> -butyltetrazolato) ²⁻ zinc(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m132-m132.	0.2	1