

Ming He

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41 papers	1,559 citations	19 h-index	39 g-index
41 ext. papers	1,875 ext. citations	5 avg, IF	4.69 L-index

#	Paper	IF	Citations
41	Weak Coordination-Induced Dynamic Crosslinked, Adjustable Strength, Reversible Adhesion Supramolecular Hydrogel. <i>ACS Applied Polymer Materials</i> , 2022 , 4, 725-734	4.3	0
40	Fabrication of gradient anisotropic cellulose hydrogels for applications in micro-strain sensing. <i>Carbohydrate Polymers</i> , 2021 , 258, 117694	10.3	5
39	H-bond/ionic coordination switching for fabrication of highly oriented cellulose hydrogels. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 5533-5541	13	8
38	Superior thermal stability and smoke suppression of epoxy resin composites with graphene/LDH phosphorus-rich hybrids. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49386	2.9	4
37	Cellulose Hydrogels by Reversible Ion-Exchange as Flexible Pressure Sensors. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000358	6.8	10
36	Two-step fabrication of lignin-based flame retardant for enhancing the thermal and fire retardancy properties of epoxy resin composites. <i>Polymer Composites</i> , 2020 , 41, 2025-2035	3	11
35	Cellulose membranes with polyethylenimine-modified graphene oxide and zinc ions for promoted gas separation. <i>Cellulose</i> , 2020 , 27, 3277-3286	5.5	6
34	Highly Efficient, Environmentally Friendly Lignin-Based Flame Retardant Used in Epoxy Resin. <i>ACS Omega</i> , 2020 , 5, 32084-32093	3.9	17
33	Glutaraldehyde and polyvinyl alcohol crosslinked cellulose membranes for efficient methyl orange and Congo red removal. <i>Cellulose</i> , 2019 , 26, 5065-5074	5.5	24
32	Inorganic Salts Induce Thermally Reversible and Anti-Freezing Cellulose Hydrogels. <i>Angewandte Chemie</i> , 2019 , 131, 7444-7448	3.6	8
31	Inorganic Salts Induce Thermally Reversible and Anti-Freezing Cellulose Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7366-7370	16.4	161
30	Facilitated Transport of CO Through the Transparent and Flexible Cellulose Membrane Promoted by Fixed-Site Carrier. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24930-24936	9.5	39
29	Cellulose acetate ultrafiltration membranes reinforced by cellulose nanocrystals: Preparation and characterization. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	22
28	Synthesis of ZIF-8 and ZIF-67 using mixed-base and their dye adsorption. <i>Microporous and Mesoporous Materials</i> , 2016 , 234, 287-292	5.3	121
27	Epoxidised soybean oil polymer composites reinforced with modified microcrystalline cellulose. <i>Journal of Experimental Nanoscience</i> , 2016 , 11, 1213-1226	1.9	5
26	Oriented two-dimensional zeolitic imidazolate framework-L membranes and their gas permeation properties. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 15715-15722	13	118
25	Strategies for controlling crystal structure and reducing usage of organic ligand and solvents in the synthesis of zeolitic imidazolate frameworks. <i>CrystEngComm</i> , 2015 , 17, 4970-4976	3.3	55

24	Microcrystalline cellulose as reactive reinforcing fillers for epoxidized soybean oil polymer composites. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	16
23	Carbon composite membrane derived from a two-dimensional zeolitic imidazolate framework and its gas separation properties. <i>Carbon</i> , 2014 , 72, 242-249	10.4	43
22	A fast in situ seeding route to the growth of a zeolitic imidazolate framework-8/AAO composite membrane at room temperature. <i>RSC Advances</i> , 2014 , 4, 7634	3.7	22
21	Crystal Transformation in Zeolitic-Imidazolate Framework. <i>Crystal Growth and Design</i> , 2014 , 14, 6589-6598	3.5	120
20	Facile synthesis of zeolitic imidazolate framework-8 from a concentrated aqueous solution. <i>Microporous and Mesoporous Materials</i> , 2014 , 184, 55-60	5.3	247
19	Toluene-assisted synthesis of RHO-type zeolitic imidazolate frameworks: synthesis and formation mechanism of ZIF-11 and ZIF-12. <i>Dalton Transactions</i> , 2013 , 42, 16608-13	4.3	84
18	Synthesis of Zeolitic Imidazolate Framework-7 in a Water/Ethanol Mixture and Its Ethanol-Induced Reversible Phase Transition. <i>ChemPlusChem</i> , 2013 , 78, 1222-1225	2.8	44
17	Aqueous solution synthesis of ZIF-8 films on a porous nylon substrate by contra-diffusion method. <i>Microporous and Mesoporous Materials</i> , 2013 , 179, 10-16	5.3	59
16	High-yield synthesis of zeolitic imidazolate frameworks from stoichiometric metal and ligand precursor aqueous solutions at room temperature. <i>CrystEngComm</i> , 2013 , 15, 3601	3.3	116
15	Effect of both grafting and blending modifications on the performance of lignosulphonate-modified sulphanilic acid/phenol-formaldehyde condensates. <i>Cement and Concrete Research</i> , 2012 , 42, 1199-1206	10.3	23
14	Synthesis of Epoxidated Castor Oil and Its Effect on the Properties of Waterborne Polyurethane. <i>Procedia Engineering</i> , 2011 , 18, 31-36		6
13	Synthesis of Epoxidated Castor Oil and Its Effect on the Properties of Waterborne Polyurethane. <i>Procedia Engineering</i> , 2011 , 18, 37-42		12
12	Preparation and Characterization of Novel Rigid Polyurethane Foams by Epoxidized Soybean Oil. <i>Advanced Materials Research</i> , 2011 , 183-185, 1581-1585	0.5	1
11	Splitting behavior and structural transformation process of K ₂ Ti ₆ O ₁₃ whiskers under hydrothermal conditions. <i>Journal of Materials Science</i> , 2008 , 43, 155-163	4.3	8
10	Hydrothermal Synthesis of Polymorphic Titania and their Structural Evolution from Potassium Titanate Whisker. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2008 , 23, 662-668	1	2
9	Preparation and Mechanism Study of Mesoporous Titania Whiskers. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2008 , 23, 1236-1240	1	1
8	Large-Scale Hydrothermal Synthesis of Twinned Rutile Titania. <i>Journal of the American Ceramic Society</i> , 2007 , 90, 319-321	3.8	9
7	Preparation and Characterization of Alkaline Resistant Porous Ceramics from Potassium Titanate Whiskers. <i>Chinese Journal of Chemical Engineering</i> , 2007 , 15, 742-747	3.2	10

6	Reaction and Crystallization Mechanism of Potassium Dtitanate Fibers Synthesized by Low-Temperature Calcination. <i>Crystal Growth and Design</i> , 2005 , 5, 1399-1404	3.5	20
5	Nano-scale mixing of $\text{TiO}_2 \cdot n\text{H}_2\text{O}$ and potassium carbonate. <i>Materials Chemistry and Physics</i> , 2005 , 93, 342-347	4.4	5
4	High Quality and Low Cost Manufacture of Potassium Titanate Whiskers 2004 , 823-827		
3	A controllable approach for the synthesis of titanate derivatives of potassium tetratitanate fiber. <i>Journal of Materials Science</i> , 2004 , 39, 3745-3750	4.3	32
2	A simple approach to mesoporous fibrous titania from potassium dititanate. <i>Chemical Communications</i> , 2004 , 2202-3	5.8	60
1	Application of an Ion-Exchange Model to the Synthesis of Fibrous Titanate Derivatives. <i>Journal of Chemical Engineering of Japan</i> , 2003 , 36, 1259-1262	0.8	5