

# Hongxing Dong

## List of Publications by Year in descending order

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27  
papers

906  
citations

759233

12  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1174  
citing authors

#	ARTICLE	IF	CITATIONS
1	A synthetic Mn <sub>4</sub> Ca-cluster mimicking the oxygen-evolving center of photosynthesis. <i>Science</i> , 2015, 348, 690-693.	12.6	428
2	Synthesis of phosphorylated hyper-cross-linked polymers and their efficient uranium adsorption in water. <i>Journal of Hazardous Materials</i> , 2021, 419, 126538.	12.4	103
3	Fabrication and photoluminescence properties of hollow Gd <sub>2</sub> O <sub>3</sub> :Ln (Ln = Eu <sup>3+</sup> , Sm <sup>3+</sup> ) spheres via a sacrificial template method. <i>CrystEngComm</i> , 2010, 12, 3717.	2.6	67
4	Efficient uranium adsorbent with antimicrobial function constructed by grafting amidoxime groups on ZIF-90 via malononitrile intermediate. <i>Journal of Hazardous Materials</i> , 2022, 422, 126872.	12.4	54
5	Recyclable helical poly(phenylacetylene)-supported catalyst for asymmetric aldol reaction in aqueous media. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1024-1031.	2.3	27
6	Rational Design of Novel Efficient Palladium Electrode Embellished 3D Hierarchical Graphene/Polyimide Foam for Hydrogen Peroxide Electroreduction. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 934-944.	8.0	27
7	A chiral stationary phase coated by surface molecularly imprinted polymer for separating 1,1'-binaphthalene-2,2'-diamine enantiomer by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2015, 1376, 172-176.	3.7	26
8	Improved anti-organic fouling and antibacterial properties of PVDF ultrafiltration membrane by one-step grafting imidazole-functionalized graphene oxide. <i>Materials Science and Engineering C</i> , 2021, 131, 112517.	7.3	20
9	Influence of different sequences of l-proline dipeptide derivatives in the pendants on the helix of poly(phenylacetylene)s and their enantioseparation properties. <i>Polymer Chemistry</i> , 2019, 10, 4810-4817.	3.9	16
10	Synthesis of helical poly(phenylacetylene) derivatives bearing diastereomeric pendants for enantioseparation by HPLC. <i>New Journal of Chemistry</i> , 2019, 43, 3439-3446.	2.8	15
11	Preparation of electrospun polyvinylidene fluoride/amidoximized polyacrylonitrile nanofibers for trace metal ions removal from contaminated water. <i>Journal of Porous Materials</i> , 2021, 28, 383-392.	2.6	15
12	Carbon Cloth Modified with Metal-Organic Framework Derived CC@CoMoO <sub>4</sub> ·Co(OH) <sub>2</sub> Nanosheets Array as a Flexible Energy Storage Material. <i>ChemElectroChem</i> , 2019, 6, 3355-3366.	3.4	14
13	Temperature-Triggered Switchable Helix-Helix Inversion of Poly(phenylacetylene) Bearing l-Valine Ethyl Ester Pendants and Its Chiral Recognition Ability. <i>Molecules</i> , 2016, 21, 1583.	3.8	13
14	A surface molecularly imprinted polymer as chiral stationary phase for chiral separation of 1,1'-binaphthalene-2,2'-naphthol racemates. <i>Chirality</i> , 2017, 29, 340-347.	2.6	13
15	Antimicrobial and antitumor activity of peptidomimetics synthesized from amino acids. <i>Bioorganic Chemistry</i> , 2021, 106, 104506.	4.1	12
16	Oxime-modified hierarchical self-assembly polyimide microspheres for high-efficient uranium recovery from wastewater. <i>Environmental Science: Nano</i> , 2022, 9, 1168-1179.	4.3	11
17	Nontraditional Luminescent Molecular Aggregates Encapsulated by Wormlike Silica Nanoparticles for Latent Fingerprint Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 51695-51707.	8.0	10
18	Thermotropic, Reversible, and Highly Selective One-Handed Helical Structure of Hydroxyl Group-Containing Poly(phenylacetylene)s and Its Static Memory. <i>Macromolecules</i> , 2021, 54, 10216-10223.	4.8	8

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19	Membrane-active amino acid-coupled polyetheramine derivatives with high selectivity and broad-spectrum antibacterial activity. <i>Acta Biomaterialia</i> , 2022, 142, 136-148.	8.3	8
20	Synthesis and bioactivities of new N-terminal dipeptide mimetics with aromatic amide moiety: Broad-spectrum antibacterial activity and high antineoplastic activity. <i>European Journal of Medicinal Chemistry</i> , 2022, 228, 113977.	5.5	6
21	Kinetics simulation and a novel curing procedure to avoid thermal shock during the curing process of epoxy composites. <i>RSC Advances</i> , 2016, 6, 65533-65540.	3.6	4
22	Liquid-Liquid Equilibria of Benzene + <i>n</i> -Heptane + <i>N,N</i> -Dimethylformamide and Benzene + <i>n</i> -Heptane + <i>N,N</i> -Dimethylformamide + Ammonium Thiocyanate. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 22-27.	1.9	3
23	Synthesis of poly(phenylacetylene)s containing chiral phenylethyl carbamate residues as coated-type CSPs with high solvent tolerability. <i>Chirality</i> , 2020, 32, 547-555.	2.6	3
24	Liquid-Liquid Equilibria of Benzene + Cyclohexane + <i>N,N</i> -Dimethyl Acetamide + Ammonium Thiocyanate at 298.15 K and Atmospheric Pressure. <i>Journal of Chemical &amp; Engineering Data</i> , 2015, 60, 971-975.	1.9	1
25	Efficient Liquid-Liquid Extraction of Benzene from Its Mixture with Cyclohexane by Utilizing Hyperbranched Polymeric Ammoniums Salts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 15321-15331.	3.7	1
26	Preparation of high peel strength and high anti-aging epoxy adhesive that used for bonding aluminum alloy without surface treatment. <i>Journal of Adhesion Science and Technology</i> , 2019, 33, 1770-1789.	2.6	1
27	A miniaturized analytical method based on molecularly imprinted absorbents for selective extraction of <i>S</i> -1,1'-binaphthyl-2,2'-diamine and combinatorial screening of polymer precursors by computational simulation. <i>Chirality</i> , 2022, 34, 147-159.	2.6	0