

Hai Xu

List of Publications by Year in descending order

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45
papers

1,020
citations

471477

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434170

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all docs

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docs citations

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times ranked

1965
citing authors

#	ARTICLE	IF	CITATIONS
1	A 2D porous porphyrin-based covalent organic framework for sulfur storage in lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7416-7421.	10.3	267
2	Polycarbonates with Potent and Selective Antimicrobial Activity toward Gram-Positive Bacteria. <i>Biomacromolecules</i> , 2017, 18, 87-95.	5.4	76
3	Electrically Conductive Coordination Polymers for Electronic and Optoelectronic Device Applications. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1612-1630.	4.6	55
4	Liquid-Phase Epitaxial Growth of Azapyrene-Based Chiral Metal-Organic Framework Thin Films for Circularly Polarized Luminescence. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31421-31426.	8.0	53
5	Right-Handed Helical Foldamers Consisting of De Novo α -Peptides. <i>Journal of the American Chemical Society</i> , 2017, 139, 7363-7369.	13.7	52
6	A new fluorescence-switch based on supermolecular dyad with (tetraphenylporphyrinato)zinc(ii) and tetrathiafulvalene units. <i>Journal of Materials Chemistry</i> , 2005, 15, 2557.	6.7	48
7	High-Performance Field-Effect Transistors Based on Langmuir-Blodgett Films of Cyclo[8]pyrrole. <i>Langmuir</i> , 2005, 21, 5391-5395.	3.5	43
8	Novel redox-fluorescence switch based on a triad containing tetrathiafulvalene and pyrene units with tunable monomer and excimer emissions. <i>New Journal of Chemistry</i> , 2005, 29, 1291.	2.8	37
9	Ambipolar organic field-effect transistors based on diketopyrrolopyrrole derivatives containing different π -conjugating spacers. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4470-4477.	5.5	37
10	Postsynthetic Modification of Metal-Organic Frameworks through Click Chemistry. <i>Chinese Journal of Chemistry</i> , 2016, 34, 186-190.	4.9	33
11	Complexation and Dynamic Switching Properties of Fluorophore-Appended Resorcin[4]arene Cavitands. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 846-855.	2.4	31
12	A large π -conjugated tetrakis (4-carboxyphenyl) porphyrin anode enables high specific capacity and superior cycling stability in lithium-ion batteries. <i>Chemical Communications</i> , 2019, 55, 11370-11373.	4.1	30
13	Control of Interpenetration and Gas-Sorption Properties of Three Mn(II)-tris((4-carboxyl)phenyliduryl)amine Frameworks by Tuning Solvent and Temperature. <i>Crystal Growth and Design</i> , 2017, 17, 290-294.	3.0	26
14	Diverse Chiral Scaffolds from Diethynylspiranes: All-Carbon Double Helices and Flexible Shape-Persistent Macrocycles. <i>Chemistry - A European Journal</i> , 2017, 23, 11747-11751.	3.3	22
15	Conducting Nanopearl Chains Based on the DMIT Salt. <i>Journal of Physical Chemistry B</i> , 2004, 108, 13638-13642.	2.6	19
16	Quantitative detection of gold nanoparticles in soil and sediment. <i>Analytica Chimica Acta</i> , 2020, 1110, 72-81.	5.4	19
17	Antimicrobial α -Peptides. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 1266-1279.	2.1	19
18	Design and Synthesis of Oligoamide-Based Double α -Helix Mimetics. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3433-3445.	2.4	15

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19	An efficient Co-N/C electrocatalyst for oxygen reduction facilely prepared by tuning cobalt species content. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 16105-16113.	7.1	15
20	Î€-Conjugated dithieno[3,2-b:2â€²,3â€²-d]pyrrole (DTP) oligomers for organic thin-film transistors. <i>RSC Advances</i> , 2016, 6, 4872-4876.	3.6	13
21	NMR Temperature-Jump Method for Measuring Reaction Rates: Reaction of Dimethylantracene with H₂@C₆₀. <i>Journal of Physical Chemistry A</i> , 2009, 113, 4996-4999.	2.5	11
22	Nanoâ€Sized Lipidated Dendrimers as Potent and Broadâ€Spectrum Antibacterial Agents. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1800622.	3.9	11
23	Syntheses, crystal structures and fluorescent properties of three metal- tris(4â€²-carboxybiphenyl)amine frameworks. <i>Journal of Solid State Chemistry</i> , 2017, 255, 200-205.	2.9	10
24	Lipidated Î±/Sulfo-Î±-AA heterogeneous peptides as antimicrobial agents for MRSA. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115241.	3.0	9
25	Photoinduced Deaminative Coupling of Alkylpyridium Salts with Terminal Arylalkynes. <i>Journal of Organic Chemistry</i> , 2020, 85, 15638-15644.	3.2	9
26	Understanding the Surface of g-C3N4, an Experimental Investigation of the Catalytic Active Site on the Interface. <i>Catalysis Letters</i> , 2019, 149, 3296-3303.	2.6	7
27	A New Photoresponsive Bis (Crown Ether) for Extraction of Metal Ions. <i>ChemistrySelect</i> , 2019, 4, 10316-10319.	1.5	7
28	Optical Resolution Studies on Ti/Zr-Based Tetrahedral Cages. <i>Crystal Growth and Design</i> , 2020, 20, 6316-6320.	3.0	7
29	Dimeric Î³-AApeptides With Potent and Selective Antibacterial Activity. <i>Frontiers in Chemistry</i> , 2020, 8, 441.	3.6	6
30	A novel rare-earth luminescent coordination polymer showing potential semiconductor characteristic constructed by anthracene-based dicarboxylic acid ligand (H2L). <i>Journal of Molecular Structure</i> , 2021, 1243, 130788.	3.6	5
31	Deuterated Ethanol as a Probe for Measuring Equilibrium Isotope Effects for Hydroxyl Exchange. <i>Journal of Physical Chemistry A</i> , 2017, 121, 2288-2292.	2.5	4
32	Formaldehyde Gas Adsorption in Highâ€Capacity Silverâ€Nanoparticleâ€Loaded ZIFâ€8â€and UiOâ€66 Frameworks. <i>ChemistrySelect</i> , 2020, 5, 5987-5992.	1.5	4
33	Synthesis and Third-Order Nonlinear Optical Properties of Metalâ€Organic Zeolites Built from Ti₄(embonate)₆ Tetrahedra. <i>Crystal Growth and Design</i> , 2022, 22, 66-73.	3.0	4
34	Atomic force microscope characterization of self-assembly behaviors of cyclo[8] pyrrole on solid substrates. <i>Chemical Physics Letters</i> , 2017, 674, 151-156.	2.6	3
35	RGD mimetics Î³-AApeptides and methods of use (US 20,140,004,039 A1): a patent evaluation. <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 131-137.	5.0	2
36	An equilibrium isotope effect due to a strong hydrogen bond. <i>Chemical Physics Letters</i> , 2018, 713, 117-120.	2.6	2

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37	A Comparison of Drug Delivery Systems of Zr-Based MOFs and Halloysite Nanotubes: Evaluation of Estradiol Encapsulation. <i>ChemistrySelect</i> , 2019, 4, 8925-8929.	1.5	2
38	Design, Synthesis and Docking of Linear and Hairpin-Like Alpha Helix Mimetics Based on Alkoxylated Oligobenzamide. <i>ChemistrySelect</i> , 2019, 4, 6651-6655.	1.5	2
39	Crystal structure of 2-(4-acetyl-2,6-dimethylphenyl)-5,6-dichloro-1H-isoindole-1,3(2H)-dione, C ₁₈ H ₁₃ Cl ₂ NO ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 399-401.	0.3	1
40	Self-assembly of a series of metal-organic frameworks with semi-rigid multicarboxylate 3,4-bis(carboxymethoxy)benzoic acid ligands. <i>Polyhedron</i> , 2017, 135, 60-71.	2.2	1
41	Using Bispyrene Fluorescence Probe for Determining the Multiple States of Organogel. <i>ChemistrySelect</i> , 2018, 3, 5361-5363.	1.5	1
42	The Activity of Small Urea-Containing Peptides Toward Gram-Positive Bacteria. <i>ChemMedChem</i> , 2019, 14, 1963-1967.	2	1
43	Reversible Diels-Alder Addition to Fullerenes: A Study of Dimethylantracene with H ₂ @C ₆₀ . <i>Nanomaterials</i> , 2022, 12, 1667.	4.1	1
44	Crystal structure of 2-(4-acetyl-2,6-dimethyl-phenyl)-5,6-dichloro-isoindole-1,3-dione, C ₁₈ H ₁₃ Cl ₂ NO ₃ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 149-151.	0.3	0
45	Frontispiece: Diverse Chiral Scaffolds from Diethynylspiranes: All-Carbon Double Helices and Flexible Shape-Persistent Macrocycles. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0