

Jian Li

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,130
citations

471371

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h-index

289141

40
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43
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docs citations

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times ranked

4217
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic-resolution structures from polycrystalline covalent organic frameworks with enhanced cryo-cRED. <i>Nature Communications</i> , 2022, 13, .	5.8	10
2	HPMâ€¹4: A New Germanosilicate Zeolite with Interconnected Extraâ€¹Large Pores Plus Oddâ€¹Membered and Small Pores**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3438-3442.	7.2	15
3	Structureâ€¹direction towards the new large pore zeolite NUD-3. <i>Chemical Communications</i> , 2021, 57, 191-194.	2.2	15
4	HPMâ€¹4: A New Germanosilicate Zeolite with Interconnected Extraâ€¹Large Pores Plus Oddâ€¹Membered and Small Pores**. <i>Angewandte Chemie</i> , 2021, 133, 3480-3484.	1.6	5
5	Two-Dimensional and Subnanometer-Thin Quasi-Copper-Sulfide Semiconductor Formed upon Copperâ€¹Copper Bonding. <i>ACS Nano</i> , 2021, 15, 873-883.	7.3	12
6	A Crystalline Three-Dimensional Covalent Organic Framework with Flexible Building Blocks. <i>Journal of the American Chemical Society</i> , 2021, 143, 2123-2129.	6.6	105
7	Tuning the Topology of Three-Dimensional Covalent Organic Frameworks via Steric Control: From pts to Unprecedented jh. <i>Journal of the American Chemical Society</i> , 2021, 143, 7279-7284.	6.6	84
8	HPMâ€¹6, a Stable Interrupted Zeolite with a Multidimensional Mixed Mediumâ€¹Large Pore System Containing Supercages. <i>Angewandte Chemie</i> , 2021, 133, 20411-20414.	1.6	1
9	HPMâ€¹6, a Stable Interrupted Zeolite with a Multidimensional Mixed Mediumâ€¹Large Pore System Containing Supercages. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20249-20252.	7.2	10
10	Sandwich-Type Zeolite Intergrowths with MFI and the Novel Extra-Large Pore IDM-1 as Ordered End-Members. <i>Chemistry of Materials</i> , 2021, 33, 7869-7877.	3.2	6
11	Synthesis of Extraâ€¹Large Pore, Large Pore and Medium Pore Zeolites Using a Small Imidazolium Cation as the Organic Structureâ€¹Directing Agent. <i>Chemistry - A European Journal</i> , 2021, 27, 18109-18117.	1.7	4
12	A stable aluminosilicate zeolite with intersecting three-dimensional extra-large pores. <i>Science</i> , 2021, 374, 1605-1608.	6.0	59
13	Modulated structure determination and ion transport mechanism of oxide-ion conductor CeNbO ₄ + δ . <i>Nature Communications</i> , 2020, 11, 4751.	5.8	20
14	IDMâ€¹1: A Zeolite with Intersecting Medium and Extraâ€¹Large Pores Built as an Expansion of Zeolite MFI. <i>Angewandte Chemie</i> , 2020, 132, 11379-11382.	1.6	12
15	A Photoactivated Cuâ€¹CeO ₂ Catalyst with Cuâ€¹O]â€¹Ce Active Species Designed through MOF Crystal Engineering. <i>Angewandte Chemie</i> , 2020, 132, 8280-8286.	1.6	8
16	Twist Building Blocks from Planar to Tetrahedral for the Synthesis of Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 3718-3723.	6.6	83
17	IDMâ€¹1: A Zeolite with Intersecting Medium and Extraâ€¹Large Pores Built as an Expansion of Zeolite MFI. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11283-11286.	7.2	17
18	DMAP-Induced Gallium Phosphites with Different Dimensionality. <i>Crystal Growth and Design</i> , 2019, 19, 6011-6016.	1.4	4

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19	Photoinduced synthesis of Bi ₂ O ₃ nanotubes based on oriented attachment. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1424-1428.	5.2	9
20	Isostructural Three-Dimensional Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9770-9775.	7.2	126
21	Discovery of Complex Metal Oxide Materials by Rapid Phase Identification and Structure Determination. <i>Journal of the American Chemical Society</i> , 2019, 141, 4990-4996.	6.6	17
22	Cage Based Crystalline Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 3843-3848.	6.6	84
23	An Open-Framework Aluminophosphate with Face-Sharing AlO ₆ Octahedra Dimers and Extra-Large 14-Ring Channels. <i>Crystal Growth and Design</i> , 2018, 18, 1267-1271.	1.4	8
24	Synthesis and crystal structure of Sr ₃ Bi ₂ O ₆ and structural change in the strontium-bismuth-oxide system. <i>Dalton Transactions</i> , 2018, 47, 1888-1894.	1.6	7
25	An AI-Egen-based 3D covalent organic framework for white light-emitting diodes. <i>Nature Communications</i> , 2018, 9, 5234.	5.8	293
26	Fe ₅ C ₂ nanoparticles as low-cost HER electrocatalyst: the importance of Co substitution. <i>Science Bulletin</i> , 2018, 63, 1358-1363.	4.3	45
27	Observation of Interpenetration Isomerism in Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018, 140, 6763-6766.	6.6	144
28	One-pot synthesis of Cu-modified HNb ₃ O ₈ nanobelts with enhanced photocatalytic hydrogen production. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10769-10775.	5.2	7
29	Single-crystal x-ray diffraction structures of covalent organic frameworks. <i>Science</i> , 2018, 361, 48-52.	6.0	868
30	Crystallization of a Novel Germanosilicate ECNU-16 Provides Insights into the Space-Filling Effect on Zeolite Crystal Symmetry. <i>Chemistry - A European Journal</i> , 2018, 24, 9247-9253.	1.7	11
31	Discovery of Layered Indium Hydroxide via a Hydroperoxyl Anion Coordinated Precursor at Room Temperature. <i>Chemistry - A European Journal</i> , 2018, 24, 15491-15494.	1.7	0
32	Achieving High Pseudocapacitance of 2D Titanium Carbide (MXene) by Cation Intercalation and Surface Modification. <i>Advanced Energy Materials</i> , 2017, 7, 1602725.	10.2	514
33	Synthesis, structure and magnetic properties of (Eu _{1-x} Mn _x)MnO ₃ . <i>RSC Advances</i> , 2017, 7, 2019-2024.	1.7	13
34	Application of X-ray Diffraction and Electron Crystallography for Solving Complex Structure Problems. <i>Accounts of Chemical Research</i> , 2017, 50, 2737-2745.	7.6	69
35	Unusual Long-Range Ordering Incommensurate Structural Modulations in an Organic Molecular Ferroelectric. <i>Journal of the American Chemical Society</i> , 2017, 139, 15900-15906.	6.6	30
36	A crystalline AlPO ₄₋₅ intermediate: designed synthesis, structure, and phase transformation. <i>Dalton Transactions</i> , 2017, 46, 12209-12216.	1.6	6

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37	The origin of multiple magnetic and dielectric anomalies of Mn-doped DyMnO ₃ in low temperature region. <i>Journal of Alloys and Compounds</i> , 2017, 725, 976-983.	2.8	12
38	Tuning Slow Magnetic Relaxation in a Two-Dimensional Dysprosium Layer Compound through Guest Molecules. <i>Inorganic Chemistry</i> , 2016, 55, 7980-7987.	1.9	37
39	A one-step water based strategy for synthesizing hydrated vanadium pentoxide nanosheets from VO ₂ (B) as free-standing electrodes for lithium battery applications. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17988-18001.	5.2	38
40	Pyrazolate-Based Porphyrinic Metal-Organic Framework with Extraordinary Base-Resistance. <i>Journal of the American Chemical Society</i> , 2016, 138, 914-919.	6.6	303
41	From wires to veins: wet-process fabrication of light-weight reticulation photoanodes for dye-sensitized solar cells. <i>Chemical Communications</i> , 2014, 50, 3509.	2.2	17
42	Dication Containing Three Aromatic Ring Structure-Directs toward a Chiral Zeolite, Spans Three Cavities, and Effectively Traps Water. <i>Chemistry of Materials</i> , 0, , .	3.2	2