

Jiyang Li

List of Publications by Year in descending order

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66
papers

4,000
citations

109321

35
h-index

118850

62
g-index

66
all docs

66
docs citations

66
times ranked

3607
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of new zeolite structures. <i>Chemical Society Reviews</i> , 2015, 44, 7112-7127.	38.1	460
2	Carbon dots in zeolites: A new class of thermally activated delayed fluorescence materials with ultralong lifetimes. <i>Science Advances</i> , 2017, 3, e1603171.	10.3	286
3	[(C ₄ H ₁₂ N) ₂][Zn ₃ (HPO ₃) ₄]: An Open-Framework Zinc Phosphite Containing Extra-Large 24-Ring Channels. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2546-2548.	13.8	156
4	A luminescent cadmium metal-organic framework for sensing of nitroaromatic explosives. <i>Dalton Transactions</i> , 2015, 44, 230-236.	3.3	137
5	A novel photo- and hydrochromic europium metal-organic framework with good anion sensing properties. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8999-9004.	5.5	133
6	Methylviologen-templated layered bimetal phosphate: a multifunctional X-ray-induced photochromic material. <i>Chemical Science</i> , 2014, 5, 4237-4241.	7.4	130
7	Thermally treated zeolitic imidazolate framework-8 (ZIF-8) for visible light photocatalytic degradation of gaseous formaldehyde. <i>Chemical Science</i> , 2020, 11, 6670-6681.	7.4	130
8	Red Room-Temperature Phosphorescence of CDs@Zeolite Composites Triggered by Heteroatoms in Zeolite Frameworks. <i>ACS Central Science</i> , 2019, 5, 349-356.	11.3	128
9	Carbon Dots in a Matrix: Energy Transfer Enhanced Room-Temperature Red Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18443-18448.	13.8	125
10	Carbon Dots in a Matrix Boosting Intriguing Luminescence Properties and Applications. <i>Small</i> , 2019, 15, e1805504.	10.0	124
11	Methyl viologen-templated zinc gallophosphate zeolitic material with dual photo-/thermochromism and tuneable photovoltaic activity. <i>Chemical Science</i> , 2015, 6, 2922-2927.	7.4	104
12	Carbogenic nanodots derived from organo-templated zeolites with modulated full-color luminescence. <i>Chemical Science</i> , 2016, 7, 3564-3568.	7.4	99
13	Cotemplating Ionothermal Synthesis of a New Open-Framework Aluminophosphate with Unique Al/P Ratio of 6/7. <i>Chemistry of Materials</i> , 2008, 20, 4179-4181.	6.7	94
14	Carbon Dots in Porous Materials: Host-Guest Synergy for Enhanced Performance. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19390-19402.	13.8	94
15	Luminescent carbon dots in a new magnesium aluminophosphate zeolite. <i>Chemical Communications</i> , 2013, 49, 9006.	4.1	93
16	Template-Modulated Afterglow of Carbon Dots in Zeolites: Room-Temperature Phosphorescence and Thermally Activated Delayed Fluorescence. , 2019, 1, 58-63.		92
17	Multifunctional open-framework zinc phosphate C ₁₂ H ₁₄ N ₂ [Zn ₆ (PO ₄) ₄ (HPO ₄)(H ₂ O) ₂]: photochromic, photoelectric and fluorescent properties. <i>Chemical Communications</i> , 2013, 49, 4995.	4.1	91
18	Metal-organic frameworks based on bipyridinium carboxylate: photochromism and selective vapochromism. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2084-2089.	5.5	81

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19	Ultrastable Perovskite@Zeolite Composite Enabled by Encapsulation and In-Situ Passivation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23100-23106.	13.8	75
20	A new methylviologen-templated zinc gallophosphate zeolite with photo-/thermochromism, fluorescent and photoelectric properties. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 541-546.	6.0	72
21	A Zwitterionic Ligand-Based Cationic Metal-Organic Framework for Rapidly Selective Dye Capture and Highly Efficient Cr ₂ O ₇ ²⁻ Removal. <i>Chemistry - A European Journal</i> , 2018, 24, 2718-2724.	3.3	69
22	Polyoxomolybdic Cobalt Encapsulated within Zr-Based Metal-Organic Frameworks as Efficient Heterogeneous Catalysts for Olefins Epoxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3624-3631.	6.7	67
23	A Germanate Built from a 6 ⁸ 12 ⁶ Cavity Cotemplated by an (H ₂ O) ₁₆ Cluster and 2-Methylpiperazine. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7868-7871.	13.8	66
24	Photochromic Terbium Phosphonates with Photomodulated Luminescence and Metal Ion Sensitive Detection. <i>Chemistry - A European Journal</i> , 2016, 22, 15451-15457.	3.3	63
25	Novel photo- and/or thermochromic MOFs derived from bipyridinium carboxylate ligands. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 814-820.	6.0	59
26	Facile synthesis of CDs@ZIF-8 nanocomposites as excellent peroxidase mimics for colorimetric detection of H ₂ O ₂ and glutathione. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129115.	7.8	58
27	2H ₃ O ⁺ [Co ₈ (HPO ₃) ₉ (CH ₃ OH) ₃]·2H ₂ O: An Open-Framework Cobalt Phosphite Containing Extra-Large 18-Ring Channels. <i>Chemistry of Materials</i> , 2008, 20, 17-19.	6.7	57
28	Zeolite-confined carbon dots: tuning thermally activated delayed fluorescence emission via energy transfer. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1404-1410.	5.9	57
29	[Ni ₃ (1,2-PDA) ₂ (HOCH ₂ CH ₂ CH ₂ NH ₃) ₃] ₃ [Ge ₇ O ₁₄ X ₃] ₃ (X = F, OH): A New 1D Germanate with 12-Ring Hexagonal Tubular Channels. <i>Chemistry of Materials</i> , 2008, 20, 370-372.	6.7	56
30	High proton conduction in a new alkali metal-templated open-framework aluminophosphate. <i>Chemical Communications</i> , 2015, 51, 9317-9319.	4.1	54
31	Blue photoluminescent carbon nanodots prepared from zeolite as efficient sensors for picric acid detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 911-917.	7.8	51
32	Carbon Dots-in-Zeolite via In-Situ Solvent-Free Thermal Crystallization: Achieving High-Efficiency and Ultralong Afterglow Dual Emission. <i>CCS Chemistry</i> , 2020, 2, 118-127.	7.8	50
33	Water Stable Metal-Organic Framework Based on Phosphono-containing Ligand as Highly Sensitive Luminescent Sensor toward Metal Ions. <i>Crystal Growth and Design</i> , 2018, 18, 7683-7689.	3.0	47
34	Carbon Dots@EuAPO ₅ Zeolite: Triple-Emission for Multilevel Luminescence Anti-Counterfeiting. <i>Small</i> , 2021, 17, e2103374.	10.0	47
35	Organotemplate-free synthesis of an open-framework magnesium aluminophosphate with proton conduction properties. <i>Chemical Communications</i> , 2015, 51, 2149-2151.	4.1	38
36	Carbon nanodots in ZIF-8: synthesis, tunable luminescence and temperature sensing. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2739-2745.	6.0	38

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37	CNDs@zeolite: new room-temperature phosphorescent materials derived by pyrolysis of organo-templated zeolites. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10894-10899.	5.5	30
38	Metal-Organic framework-based Wood Aerogel for Effective Removal of Micro/Nano plastics. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 186-191.	2.6	27
39	A new two-dimensional layered germanate with <i>in situ</i> embedded carbon dots for optical temperature sensing. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 139-144.	6.0	25
40	Self-assembled three-dimensional hierarchical CoMoO ₄ nanosheets on NiCo ₂ O ₄ for high-performance supercapacitor. <i>Journal of Alloys and Compounds</i> , 2019, 793, 418-424.	5.5	25
41	Photoluminescent chiral carbon dots derived from glutamine. <i>Chinese Chemical Letters</i> , 2021, 32, 3916-3920.	9.0	25
42	Carbon Dots in a Matrix: Energy Transfer Enhanced Room Temperature Red Phosphorescence. <i>Angewandte Chemie</i> , 2019, 131, 18614-18619.	2.0	23
43	Zeolite-Enhanced Sustainable Pd-Catalyzed C-C Cross-Coupling Reaction: Controlled Release and Capture of Palladium. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 11419-11427.	8.0	23
44	High-efficiency synthesis of enhanced-titanium and anatase-free TS-1 zeolite by using a crystallization modifier. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3077-3084.	6.0	23
45	Designed synthesis of CD@Cu-ZIF-8 composites as excellent peroxidase mimics for assaying glutathione. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6125-6132.	5.9	21
46	Formation and origin of multicenter photoluminescence in zeolite-based carbogenic nanodots. <i>Nanoscale</i> , 2018, 10, 10650-10656.	5.6	18
47	Sustainable Ligand-Free, Palladium-Catalyzed Suzuki-Miyaura Reactions in Water: Insights into the Role of Base. <i>ChemSusChem</i> , 2019, 12, 5265-5273.	6.8	18
48	Photochromic inorganic-organic complex derived from low-cost deep eutectic solvents with tunable photocurrent responses and photocatalytic properties. <i>CrystEngComm</i> , 2020, 22, 1078-1085.	2.6	18
49	Quest for Zeolite-Like Supramolecular Assemblies: Self-Assembly of Metal-Organic Squares via Directed Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19659-19662.	13.8	18
50	A zwitterionic ligand-based water-stable metal-organic framework showing photochromic and Cr(<i>VI</i>) removal properties. <i>Dalton Transactions</i> , 2020, 49, 10613-10620.	3.3	16
51	Highly Efficient Zeolite-Supported Pd Catalyst Activated in C-C Cross-Coupling Reaction. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 11241-11249.	3.7	14
52	The synthesis of SAPO-34 zeolite for an improved MTO performance: tuning the particle size and an insight into the formation mechanism. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2315-2322.	6.0	13
53	Carbon Dots in Porous Materials: Host-Guest Synergy for Enhanced Performance. <i>Angewandte Chemie</i> , 2020, 132, 19558-19570.	2.0	12
54	Crystallization and MTO performance of SAPO-34 zeolite under the influence of hydroxyl radicals. <i>Inorganic Chemistry Communication</i> , 2019, 107, 107462.	3.9	10

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55	Solvothermal syntheses and structures of four indium ^{III} phosphite coordination polymers. <i>CrystEngComm</i> , 2014, 16, 2266.	2.6	8
56	Flexible films derived from PIM-1 with ultralow dielectric constants. <i>Microporous and Mesoporous Materials</i> , 2020, 294, 109887.	4.4	8
57	Ultrastable Perovskite ^{II} Zeolite Composite Enabled by Encapsulation and In ^{III} Situ Passivation. <i>Angewandte Chemie</i> , 2020, 132, 23300-23306.	2.0	7
58	Multi-emissive room temperature phosphorescence of a two-dimensional metal-organic framework. <i>Inorganic Chemistry Communication</i> , 2019, 104, 119-123.	3.9	6
59	The effect of guest cations on proton conduction of LTA zeolite. <i>RSC Advances</i> , 2021, 11, 5393-5398.	3.6	6
60	Small pore SAPO-14-based zeolites with improved propylene selectivity in the methanol to olefins process. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1752-1760.	6.0	6
61	Biomass-based Carbon Dots as Peroxidase Mimics for Colorimetric Detection of Glutathione and L-Cysteine. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 1446-1452.	2.6	6
62	Quest for Zeolite ^{II} Like Supramolecular Assemblies: Self ^{II} Assembly of Metal ^{II} Organic Squares via Directed Hydrogen Bonding. <i>Angewandte Chemie</i> , 2020, 132, 19827-19830.	2.0	4
63	Multifunctional Viologen-Derived Supramolecular Network with Photo/Vapochromic and Proton Conduction Properties. <i>Molecules</i> , 2021, 26, 6209.	3.8	3
64	Make waste profitable: repurposing SAPO-34 coke from the methanol-to-olefin reaction for luminescent CDs@zeolite composites. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3737-3746.	6.0	3
65	Ionothermal synthesis of a photoelectroactive titanophosphite with a three-dimensional open-framework. <i>CrystEngComm</i> , 2019, 21, 5867-5871.	2.6	2
66	Highly stable aluminosilicate FAU zeolites with excellent proton conductivity. <i>Inorganic Chemistry Communication</i> , 2021, 129, 108626.	3.9	1