Long Zhang

List of Publications by Year
in descending order

55	2,226	201575	233338
papers	citations	27 h-index	45 g-index

59	59	59	2694
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fluorescence Quenching by Redox Molecular Pumping. Journal of the American Chemical Society, 2022, 144, 3572-3579.	6.6	17
2	Syntheses of three-dimensional catenanes under kinetic control. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2118573119.	3.3	12
3	Electron-catalysed molecular recognition. Nature, 2022, 603, 265-270.	13.7	51
4	Radical Cyclic [3]Daisy Chains. CheM, 2021, 7, 174-189.	5.8	26
5	Single-Molecule Charge Transport through Positively Charged Electrostatic Anchors. Journal of the American Chemical Society, 2021, 143, 2886-2895.	6.6	43
6	A Donorâ€“Acceptor [2]Catenane for Visible Light Photocatalysis. Journal of the American Chemical Society, 2021, 143, 8000-8010.	6.6	47
7	Electron-Catalyzed Dehydrogenation in a Single-Molecule Junction. Journal of the American Chemical Society, 2021, 143, 8476-8487.	6.6	25
8	A Bifunctional-Modulated Conformal Li/Mn-Rich Layered Cathode for Fast-Charging, High Volumetric Density and Durable Li-Ion Full Cells. Nano-Micro Letters, 2021, 13, 118.	14.4	17
9	Coordinationâ€Driven Selective Formation of D₂ Symmetric Octanuclear Organometallic Cages. Chemistry - A European Journal, 2021, 27, 9524-9528.	1.7	4
10	Selective Separation of Hexachloroplatinate(IV) Dianions Based on Exoâ€Binding with Cucurbit[6]uril. Angewandte Chemie - International Edition, 2021, 60, 17587-17594.	7.2	30
11	Selective Photodimerization in a Cyclodextrin Metalâ€“Organic Framework. Journal of the American Chemical Society, 2021, 143, 9129-9139.	6.6	34
12	Selective Separation of Hexachloroplatinate(IV) Dianions Based on Exoâ€Binding with Cucurbit[6]uril. Angewandte Chemie, 2021, 133, 17728-17735.	1.6	5
13	Radical-pairing-induced molecular assembly and motion. Nature Reviews Chemistry, 2021, 5, 447-465.	13.8	55
14	A contorted nanographene shelter. Nature Communications, 2021, 12, 5191.	5.8	12
15	Promotion and suppression of single-molecule conductance by quantum interference in macrocyclic circuits. Matter, 2021, , .	5.0	12
16	Radically Enhanced Dual Recognition. Angewandte Chemie - International Edition, 2021, 60, 25454-25462.	7.2	10
17	PCage: Fluorescent Molecular Temples for Binding Sugars in Water. Journal of the American Chemical Society, 2021, 143, 15688-15700.	6.6	23
18	InnenrÃ¼cktitelbild: Radically Enhanced Dual Recognition (Angew. Chem. 48/2021). Angewandte Chemie, 2021, 133, 25787-25787.	1.6	0

#	Article	IF	Citations
19	Tuning radical interactions in trisradical tricationic complexes by varying host-cavity sizes. Chemical Science, 2020, 11, 107-112.	3.7	14
20	Covalent organic framework-based ultrathin crystalline porous film: manipulating uniformity of fluoride distribution for stabilizing lithium metal anode. Journal of Materials Chemistry A, 2020, 8, 3459-3467.	5.2	75
21	Viologen Tweezers to Probe the Force of Individual Donorâ€“Acceptor Ï€-Interactions. Journal of the American Chemical Society, 2020, 142, 21153-21159.	6.6	15
22	Suit[3]ane. Journal of the American Chemical Society, 2020, 142, 20152-20160.	6.6	20
23	Artificial Molecular Pump Operating in Response to Electricity and Light. Journal of the American Chemical Society, 2020, 142, 14443-14449.	6.6	45
24	Ring-in-Ring(s) Complexes Exhibiting Tunable Multicolor Photoluminescence. Journal of the American Chemical Society, 2020, 142, 16849-16860.	6.6	52
25	Two-photon excited deep-red and near-infrared emissive organic co-crystals. Nature Communications, 2020, 11, 4633.	5.8	82
26	Molecular-Pump-Enabled Synthesis of a Daisy Chain Polymer. Journal of the American Chemical Society, 2020, 142, 10308-10313.	6.6	24
27	A precise polyrotaxane synthesizer. Science, 2020, 368, 1247-1253.	6.0	148
28	Enhanced Polysulfide Regulation via Porous Catalytic V₂O₃/V₈C₇ Heterostructures Derived from Metalâ€“Organic Frameworks toward High-Performance Liâ€“S Batteries. ACS Nano, 2020, 14, 8495-8507.	7.3	192
29	Highly Stable Organic Bisradicals Protected by Mechanical Bonds. Journal of the American Chemical Society, 2020, 142, 7190-7197.	6.6	17
30	Giant Conductance Enhancement of Intramolecular Circuits through Interchannel Gating. Matter, 2020, 2, 378-389.	5.0	43
31	High-Efficiency Gold Recovery Using Cucurbit[6]uril. ACS Applied Materials & Interfaces, 2020, 12, 38768-38777.	4.0	41
32	Organic Counteranion Co-assembly Strategy for the Formation of Î³-Cyclodextrin-Containing Hybrid Frameworks. Journal of the American Chemical Society, 2020, 142, 2042-2050.	6.6	26
33	A Molecular Dual Pump. Journal of the American Chemical Society, 2019, 141, 17472-17476.	6.6	53
34	Subâ€nanometer, Ultrafine Î±â€Fe₂O₃ Sheets Realized by Controlled Crystallization Kinetics for Stable, Highâ€Performance Energy Storage. Chemistry - A European Journal, 2019, 25, 5005-5013.	1.7	10
35	Sandwich, Verticalâ€Channeled Thick Electrodes with High Rate and Cycle Performance. Advanced Functional Materials, 2019, 29, 1809196.	7.8	76
36	Designing vertical channels with expanded interlayers for Li-ion batteries. Chemical Communications, 2019, 55, 4258-4261.	2.2	23

#	Article	IF	Citations
37	ZnFe₂O₄@Carbon Coreâ€“Shell Nanoparticles Encapsulated in Reduced Graphene Oxide for High-Performance Li-Ion Hybrid Supercapacitors. ACS Applied Materials & Interfaces, 2019, 11, 14713-14721.	4.0	40
38	A Dynamic Tetracationic Macrocycle Exhibiting Photoswitchable Molecular Encapsulation. Journal of the American Chemical Society, 2019, 141, 1280-1289.	6.6	66
39	Electrochemical and Electrostatic Cleavage of Alkoxyamines. Journal of the American Chemical Society, 2018, 140, 766-774.	6.6	129
40	Ultra-high-rate, ultra-long-life asymmetric supercapacitors based on few-crystalline, porous NiCo₂O₄ nanosheet composites. Journal of Materials Chemistry A, 2018, 6, 1412-1422.	5.2	71
41	Liâ€“S Batteries: Nickelâ€“Cobalt Double Hydroxide as a Multifunctional Mediator for Ultrahighâ€Rate and Ultralongâ€Life Liâ€“S Batteries (Adv. Energy Mater. 35/2018). Advanced Energy Materials, 2018, 8, 1870152.	10.2	5
42	Nickelâ€“Cobalt Double Hydroxide as a Multifunctional Mediator for Ultrahighâ€Rate and Ultralongâ€Life Liâ€“S Batteries. Advanced Energy Materials, 2018, 8, 1802431.	10.2	76
43	Egg albumen templated graphene foams for high-performance supercapacitor electrodes and electrochemical sensors. Journal of Materials Chemistry A, 2018, 6, 18267-18275.	5.2	21
44	Stacking Interactions Induced Selective Conformation of Discrete Aromatic Arrays and Borromean Rings. Journal of the American Chemical Society, 2017, 139, 1653-1660.	6.6	105
45	Selective B(4)â^'H Activation of an oâ€Carboranylthioamide Based on a Palladium Precursor. Chemistry - A European Journal, 2017, 23, 1814-1819.	1.7	22
46	Reproducible flaws unveil electrostatic aspects of semiconductor electrochemistry. Nature Communications, 2017, 8, 2066.	5.8	68
47	Mixedâ€Metal Coordination Cages Constructed with Pyridylâ€Functionalized Î²â€Diketonate Metalloligands: Syntheses, Structures and Hostâ€“Guest Properties. Chemistry - A European Journal, 2015, 21, 14893-14900.	1.7	29
48	Discrete Rectangles, Prisms, and Heterometallic Cages from a Conjugated Cp*Rhâ€Based Building Block. Chemistry - A European Journal, 2015, 21, 16975-16981.	1.7	15
49	Synthesis of a new type of alkene metal complex using face-capping thione-alkene ligands. Dalton Transactions, 2015, 44, 8797-8800.	1.6	14
50	Rational Design of Polynuclear Organometallic Assemblies from a Simple Heteromultifunctional Ligand. Journal of the American Chemical Society, 2015, 137, 13670-13678.	6.6	62
51	Construction of iridium and rhodium cyclometalated macrocycles based on p-carborane and N,Nâ€²-donor bridging ligands. Dalton Transactions, 2014, 43, 17200-17208.	1.6	11
52	Isomers of Cyclometalated Macrocycles Constructed through Olefinic Câ€“H Activation. Organometallics, 2014, 33, 587-593.	1.1	15
53	H₂-Initiated Reversible Switching between Two-Dimensional Metallacycles and Three-Dimensional Cylinders. Journal of the American Chemical Society, 2014, 136, 14608-14615.	6.6	60
54	Discrepant gas adsorption in isostructural heterometallic coordination polymers: strong dependence of metal identity. CrystEngComm, 2013, 15, 78-85.	1.3	33

#	Article	IF	Citations
55	Radically Enhanced Dual Recognition. Angewandte Chemie, 0, , .	1.6	4