Chen Jun

List of Publications by Year in Descending Order

59 papers	5,795 citations	22 h-index	62 g-index
62 ext. papers	6,886 ext. citations	8.8 avg, IF	6.62 L-index

#	Paper	IF	Citations
59	MOFs-derived hollow Copper-based sulfides for optimized electromagnetic behaviors. *Journal of Colloid and Interface Science*, **2022**, 606, 719-727	9.3	7
58	MnO2 Nanosheets on a Carbon Nanofiber Freestanding Film by Electrospinning and In Situ Spraying for Lithium and Sodium Storage. *ACS Applied Energy Materials*, **2022**, 5, 3587-3594	6.1	1
57	Cobalt phthalocyanine as an efficient catalyst for hydrogen evolution reaction. *International Journal of Hydrogen Energy*, **2021**, 46, 19338-19346	6.7	13
56	Binder free Cu2O/CuO/Cu/Carbon-polymer composite fibers derived from metal/organic hybrid materials through electrodeposition method as high performance anode materials for lithium-ion batteries. *Journal of Alloys and Compounds*, **2021**, 864, 158585	5.7	9
55	Structural, photophysical and nonlinear optical limiting properties of sandwich phthalocyanines with different rare earth metals. *Dyes and Pigments*, **2021**, 184, 108862	4.6	11
54	Pomegranate structured C@pSi/rGO composite as high performance anode materials of lithium-ion batteries. *Electrochimica Acta*, **2021**, 367, 137491	6.7	9
53	A phthalocyanine-grafted MA-VA framework polymer as a high performance anode material for lithium/sodium-ion batteries. *Dalton Transactions*, **2021**, 50, 9858-9870	4.3	2
52	Graphene composite 3,4,9,10-perylenetetracarboxylic sodium salts with a honeycomb structure as a high performance anode material for lithium ion batteries. *Nanoscale Advances*, **2021**, 3, 4561-4571	5.1	1
51	1,4,5,8-Naphthalenetetracarboxylic dianhydride grafted phthalocyanine macromolecules as an anode material for lithium ion batteries. *Nanoscale Advances*, **2021**, 3, 3199-3215	5.1	4
50	A graphene@framework polymer derived from addition polymerization of phthalocyanine/dicarboxaldehyde as a negative material for lithium-ion batteries. *Materials Chemistry Frontiers*, **2021**, 5, 7291-7305	7.8	1
49	Graphite-like structure of disordered polynaphthalene hard carbon anode derived from the carbonization of perylene-3,4,9,10-tetracarboxylic dianhydride for fast-charging lithium-ion batteries. *New Journal of Chemistry*, **2021**, 45, 16658-16669	3.6	2
48	High performance of low-temperature electrolyte for lithium-ion batteries using mixed additives. *Chemical Engineering Journal*, **2021**, 418, 129400	14.7	12
47	Xylitol-assisted ball milling of graphite to prepare long-cycle and high-capacity graphene nanosheet as lithium-ion anode materials. *Journal of Materials Science*, **2021**, 56, 18200-18209	4.3	1
46	Tetraethylthiophene-2,5-diylbismethylphosphonate: A Novel Electrolyte Additive for High-Voltage Batteries. *ChemSusChem*, **2021**, 14, 4466-4479	8.3	3
45	Phthalocyanine-based covalent organic frameworks as novel anode materials for high-performance lithium-ion/sodium-ion batteries. *Chemical Engineering Journal*, **2021**, 425, 131630	14.7	8
44	Advances in Metal Phthalocyanine based Carbon Composites for Electrocatalytic CO2 Reduction. *ChemCatChem*, **2020**, 12, 6103-6130	5.2	11
43	Prospects of organic electrode materials for practical lithium batteries. *Nature Reviews Chemistry*, **2020**, 4, 127-142	34.6	340

42	Polyacrylonitrile Hard Carbon as Anode of High Rate Capability for Lithium Ion Batteries. *Frontiers in Energy Research*, **2020**, 8,	3.8	13
41	Nanograined copper foil as a high-performance collector for lithium-ion batteries. *Journal of Alloys and Compounds*, **2020**, 831, 154801	5.7	3
40	Butyl acrylate (BA) and ethylene carbonate (EC) electrolyte additives for low-temperature performance of lithium ion batteries. *Journal of Power Sources*, **2020**, 476, 228697	8.9	12
39	A stable 2D nano-columnar sandwich layered phthalocyanine negative electrode for lithium-ion batteries. *Journal of Power Sources*, **2019**, 426, 169-177	8.9	20
38	Cyclohexanehexone with Ultrahigh Capacity as Cathode Materials for Lithium-Ion Batteries. *Angewandte Chemie - International Edition*, **2019**, 58, 7020-7024	16.4	153
37	Porous diatomite-mixed 1,4,5,8-NTCDA nanowires as high-performance electrode materials for lithium-ion batteries. *Nanoscale*, **2019**, 11, 15881-15891	7.7	16
36	Microcrystalline copper foil as a high performance collector for lithium-ion batteries. *Journal of Power Sources*, **2019**, 438, 226973	8.9	14
35	Improved electrochemical performance of bagasse and starch-modified LiNi0.5Mn0.3Co0.2O2 materials for lithium-ion batteries. *Journal of Materials Science*, **2018**, 53, 5242-5254	4.3	21
34	High-performance of sodium carboxylate-derived materials for electrochemical energy storage. *Science China Materials*, **2018**, 61, 707-718	7.1	18
33	Strong reverse saturable absorption effect of a nonaggregated phthalocyanine-grafted MA□A polymer. *Journal of Materials Chemistry C*, **2018**, 6, 9767-9777	7.1	18
32	A Microporous Covalent-Organic Framework with Abundant Accessible Carbonyl Groups for Lithium-Ion Batteries. *Angewandte Chemie - International Edition*, **2018**, 57, 9443-9446	16.4	258
31	Advances in Phthalocyanine Compounds and their Photochemical and Electrochemical Properties. *Current Organic Chemistry*, **2018**, 22, 485-504	1.7	22
30	Recent Developments on and Prospects for Electrode Materials with Hierarchical Structures for Lithium-Ion Batteries. *Advanced Energy Materials*, **2018**, 8, 1701415	21.8	321
29	Effects of Nb substitution on structure and electrochemical properties of LiNi0.7Mn0.3O2 cathode materials. *Journal of Solid State Electrochemistry*, **2018**, 22, 2811-2820	2.6	9
28	Molecular Engineering with Organic Carbonyl Electrode Materials for Advanced Stationary and Redox Flow Rechargeable Batteries. *Advanced Materials*, **2017**, 29, 1607007	24	177
27	Advanced Organic Electrode Materials for Rechargeable Sodium-Ion Batteries. *Advanced Energy Materials*, **2017**, 7, 1601792	21.8	327
26	Tetra-□itro-substituted phthalocyanines: a new organic electrode material for lithium batteries. *Journal of Solid State Electrochemistry*, **2017**, 21, 947-954	2.6	15
25	Graphene-Rich Wrapped Petal-Like Rutile TiO tuned by Carbon Dots for High-Performance Sodium Storage. *Advanced Materials*, **2016**, 28, 9391-9399	24	226

24	Carboxyl-conjugated phthalocyanines used as novel electrode materials with high specific capacity for lithium-ion batteries. *Journal of Solid State Electrochemistry*, **2016**, 20, 1285-1294	2.6	27
23	Electrochemical properties of carbonyl substituted phthalocyanines as electrode materials for lithium-ion batteries. *RSC Advances*, **2016**, 6, 52850-52853	3.7	18
22	Organic polymer materials in the space environment. *Progress in Aerospace Sciences*, **2016**, 83, 37-56	8.8	45
21	Axially substituted phthalocyanine/naphthalocyanine doped in glass matrix: an approach to the practical use for optical limiting material. *Optics Express*, **2016**, 24, 9723-33	3.3	5
20	High-Performance Organic Lithium Batteries with an Ether-Based Electrolyte and 9,10-Anthraquinone (AQ)/CMK-3 Cathode. *Advanced Science*, **2015**, 2, 1500018	13.6	126
19	Intramolecular aggregation and optical limiting properties of triazine-linked mono-, bis- and tris-phthalocyanines. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 149, 426-33	4.4	15
18	Review□Advanced Carbon-Supported Organic Electrode Materials for Lithium (Sodium)-Ion Batteries. *Journal of the Electrochemical Society*, **2015**, 162, A2393-A2405	3.9	99
17	Enhanced environmental performance of fiber optic gyroscope by an adhesive potting technology. *Applied Optics*, **2015**, 54, 7828-34	0.2	6
16	Nonlinear Optical Limiting Properties of Organic Metal Phthalocyanine Compounds. *Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica*, **2015**, 31, 595-611	3.8	7
15	Recent Advances and Prospects of Cathode Materials for Sodium-Ion Batteries. *Advanced Materials*, **2015**, 27, 5343-64	24	746
14	Tin Nanodots Encapsulated in Porous Nitrogen-Doped Carbon Nanofibers as a Free-Standing Anode for Advanced Sodium-Ion Batteries. *Advanced Materials*, **2015**, 27, 6702-7	24	445
13	Excited-State Deactivation of Branched Phthalocyanine Compounds. *ChemPhysChem*, **2015**, 16, 3893-901	3.2	8
12	Enhanced optical limiting performance of substituted metallo-naphthalocyanines with wide optical limiting window. *Dyes and Pigments*, **2014**, 109, 144-150	4.6	22
11	Inorganic & organic materials for rechargeable Li batteries with multi-electron reaction. *Science China Materials*, **2014**, 57, 42-58	7.1	68
10	Fused Heteroaromatic Organic Compounds for High-Power Electrodes of Rechargeable Lithium Batteries. *Advanced Energy Materials*, **2013**, 3, 600-605	21.8	236
9	Quasi-solid-state rechargeable lithium-ion batteries with a calix[4]quinone cathode and gel polymer electrolyte. *Angewandte Chemie - International Edition*, **2013**, 52, 9162-6	16.4	225
8	Organic Li4C8H2O6 nanosheets for lithium-ion batteries. *Nano Letters*, **2013**, 13, 4404-9	11.5	288
7	Function-oriented design of conjugated carbonyl compound electrodes for high energy lithium batteries. *Chemical Science*, **2013**, 4, 1330	9.4	291

6	Organic conjugated carbonyl compounds as electrode materials for lithium-ion batteries. *Chinese Science Bulletin*, **2013**, 58, 3132-3139	2.9	6
5	Organic Electrode Materials for Rechargeable Lithium Batteries. *Advanced Energy Materials*, **2012**, 2, 742-769	21.8	973
4	The effects of central metals and peripheral substituents on the photophysical properties and optical limiting performance of phthalocyanines with axial chloride ligand. *Journal of Photochemistry and Photobiology A: Chemistry*, **2009**, 207, 58-65	4.7	38
3	Photophysics and Triplet□Triplet Annihilation Analysis for Axially Substituted Gallium Phthalocyanine Doped in Solid Matrix. *Journal of Physical Chemistry C*, **2009**, 113, 11943-11951	3.8	20
2	Improved performances of lithium-ion batteries by conductive polymer modified copper current collector. *New Journal of Chemistry*,	3.6	1
1	An annular porous column (5) aromatics as anode material for lithium-ion batteries. *Journal of Solid State Electrochemistry*,1	2.6	