Huanhuan Zhang

List of Publications by Year
in descending order

22 papers	1,157 citations	471061 17 h-index	676716 22 g-index
22 all docs	22 docs citations	22 times ranked	1689 citing authors

#	Article	IF	Citations
1	Electrochemical Route to Fabricate Filmâ€Like Conjugated Microporous Polymers and Application for Organic Electronics. Advanced Materials, 2013, 25, 3443-3448.	11.1	212
2	Electropolymerized Conjugated Microporous Poly(zincâ€porphyrin) Films as Potential Electrode Materials in Supercapacitors. Advanced Energy Materials, 2015, 5, 1402175.	10.2	128
3	Highly efficient deep-blue OLED with an extraordinarily narrow FHWM of 35 nm and a y coordinate <0.05 based on a fully twisting donorâ€“acceptor molecule. Journal of Materials Chemistry C, 2014, 2, 4733-4736.	2.7	123
4	Porous Organic Polymer Films with Tunable Work Functions and Selective Hole and Electron Flows for Energy Conversions. Angewandte Chemie - International Edition, 2016, 55, 3049-3053.	7.2	121
5	Achieving High Efficiency of PTB7â€Based Polymer Solar Cells via Integrated Optimization of Both Anode and Cathode Interlayers. Advanced Energy Materials, 2014, 4, 1301771.	10.2	102
6	Stable p/nâ€Dopable Conducting Redox Polymers for Highâ€Voltage Pseudocapacitor Electrode Materials: Structureâ€“Performance Relationship and Detailed Investigation into Chargeâ€Trapping Effect. Advanced Energy Materials, 2017, 7, 1701063.	10.2	52
7	Aromatic S-Heterocycle and Fluorene Derivatives as Solution-Processed Blue Fluorescent Emitters: Structureâ€“Property Relationships for Different Sulfur Oxidation States. Journal of Physical Chemistry C, 2013, 117, 14189-14196.	1.5	47
8	Solutionâ€Processable Hosts Constructed by Carbazole/PO Substituted Tetraphenylsilanes for Efficient Blue Electrophosphorescent Devices. Advanced Functional Materials, 2014, 24, 5881-5888.	7.8	45
9	An Efficient AIEâ€Active Blueâ€Emitting Molecule by Incorporating Multifunctional Groups into Tetraphenylsilane. Chemistry - A European Journal, 2014, 20, 7589-7592.	1.7	41
10	Hybridization of Emerging Crystalline Porous Materials: Synthesis Dimensionality and Electrochemical Energy Storage Application. Advanced Energy Materials, 2022, 12, 2100321.	10.2	41
11	Separation of Electrical and Optical Energy Gaps: Selectively Adjusting the Electrical and Optical Properties for a Highly Efficient Blue Emitter. Chemistry - A European Journal, 2014, 20, 2149-2153.	1.7	36
12	High performance, flexible, poly(3,4-ethylenedioxythiophene) supercapacitors achieved by doping redox mediators in organogel electrolytes. Journal of Power Sources, 2016, 332, 413-419.	4.0	35
13	Electrochemical polymerization: an emerging approach for fabricating high-quality luminescent films and super-resolution OLEDs. Journal of Materials Chemistry C, 2020, 8, 5310-5320.	2.7	30
14	Electrochemical Synthesis, Deposition, and Doping of Polycyclic Aromatic Hydrocarbon Films. Journal of the American Chemical Society, 2021, 143, 2682-2687.	6.6	30
15	Novel violet emitting material synthesized by stepwise chemical reactions. Journal of Materials Chemistry C, 2014, 2, 5019.	2.7	27
16	Porous Organic Polymer Films with Tunable Work Functions and Selective Hole and Electron Flows for Energy Conversions. Angewandte Chemie, 2016, 128, 3101-3105.	1.6	25
17	Suppressing charge trapping effect in ambipolar conducting polymer with vertically standing graphene as the composite electrode for high performance supercapacitor. Energy Storage Materials, 2020, 29, 281-286.	9.5	23
18	Dihydrophenazine linked porous organic polymers for high capacitance and energy density pseudocapacitive electrodes and devices. Journal of Materials Chemistry A, 2021, 9, 4984-4989.	5.2	13

#	Article	IF	Citations
19	A Cathodic Electrochromic Material Based on Thick Perylene Bisimide Film with High Optical Contrast and High Stability. CCS Chemistry, 2022, 4, 1347-1356.	4.6	11
20	Characterization of complicated electropolymerization using UVâ€“vis spectroelectrochemistry and an electrochemical quartz-crystal microbalance with dissipation: A case study of tricarbazole derivatives. Electrochemistry Communications, 2021, 123, 106913.	2.3	9
21	Mixed bipolar fluorescent small molecules for solution processable white light-emitting devices with excellent efficiency roll-off. Journal of Materials Chemistry C, 2013, 1, 7175.	2.7	5
22	Enhanced Long-Term Stability of Organic Electrode Materials by a Trap Filler Strategy. ACS Applied Materials & Interfaces, 2021, 13, 49936-49941.	4.0	1