Jibo Zhang

List of Publications by Year in Descending Order

56 papers	4,748 citations	35 h-index	58 g-index
58 ext. papers	5,550 ext. citations	10 avg, IF	5.54 L-index

#	Paper	IF	Citations
56	A Cobalt Phosphine Complex in Five Oxidation States. *Inorganic Chemistry*, **2021**, 60, 17445-17449	5.1	2
55	High-Energy All-Solid-State Organic□lithium Batteries Based on Ceramic Electrolytes. *ACS Energy Letters*, **2021**, 6, 201-207	20.1	16
54	Microstructure engineering of solid-state composite cathode via solvent-assisted processing. *Joule*, **2021**, 5, 1845-1859	27.8	12
53	Tuning Metal Elements in Open Frameworks for Efficient Oxygen Evolution and Oxygen Reduction Reaction Catalysts. *ACS Applied Materials & Interfaces*, **2021**, 13, 42715-42723	9.5	5
52	Polymorphism-Dependent Enhanced Emission in Molecular Aggregates: J-Aggregate versus X-Aggregate. *Journal of Physical Chemistry Letters*, **2020**, 11, 10504-10510	6.4	7
51	Quasi-Solid-State Li□2 Batteries with Laser-Induced Graphene Cathode Catalysts. *ACS Applied Energy Materials*, **2020**, 3, 1702-1709	6.1	11
50	CO to Formic Acid Using Cu-Sn on Laser-Induced Graphene. *ACS Applied Materials & Interfaces*, **2020**, 12, 41223-41229	9.5	17
49	A high-energy quinone-based all-solid-state sodium metal battery. *Nano Energy*, **2019**, 62, 718-724	17.1	37
48	Li-Breathing Air Batteries Catalyzed by MnNiFe/Laser-Induced Graphene Catalysts. *Advanced Materials Interfaces*, **2019**, 6, 1901035	4.6	15
47	Laser-Induced Graphene Hybrid Catalysts for Rechargeable Zn-Air Batteries. *ACS Applied Energy Materials*, **2019**, 2, 1460-1468	6.1	36
46	Oxidized Laser-Induced Graphene for Efficient Oxygen Electrocatalysis. *Advanced Materials*, **2018**, 30, e1707319	24	63
45	In Situ Synthesis of Efficient Water Oxidation Catalysts in Laser-Induced Graphene. *ACS Energy Letters*, **2018**, 3, 677-683	20.1	64
44	Directly deposited porous two-dimensional MoS 2 films as electrocatalysts for hydrogen evolution reactions. *Materials Letters*, **2018**, 225, 65-68	3.3	14
43	Laser-induced graphene fibers. *Carbon*, **2018**, 126, 472-479	10.4	163
42	Laser-induced graphene synthesis of Co3O4 in graphene for oxygen electrocatalysis and metal-air batteries. *Carbon*, **2018**, 139, 880-887	10.4	54
41	Sulfur-Doped Laser-Induced Porous Graphene Derived from Polysulfone-Class Polymers and Membranes. *ACS Nano*, **2018**, 12, 289-297	16.7	141
40	Insights into the origin of aggregation enhanced emission of 9,10-distyrylanthracene derivatives. *Materials Chemistry Frontiers*, **2017**, 1, 1422-1429	7.8	41

39	Three-Dimensional Rebar Graphene. *ACS Applied Materials & Interfaces*, **2017**, 9, 7376-7384	9.5	39
38	Laser-Induced Graphene in Controlled Atmospheres: From Superhydrophilic to Superhydrophobic Surfaces. *Advanced Materials*, **2017**, 29, 1700496	24	163
37	Direct Observation of the Symmetrical and Asymmetrical Protonation States in Molecular Crystals. *Journal of Physical Chemistry Letters*, **2017**, 8, 3068-3072	6.4	25
36	Three-Dimensional Printed Graphene Foams. *ACS Nano*, **2017**, 11, 6860-6867	16.7	133
35	Laser-Induced Graphene Formation on Wood. *Advanced Materials*, **2017**, 29, 1702211	24	243
34	Efficient Water-Splitting Electrodes Based on Laser-Induced Graphene. *ACS Applied Materials & Interfaces*, **2017**, 9, 26840-26847	9.5	63
33	Single-Atomic Ruthenium Catalytic Sites on Nitrogen-Doped Graphene for Oxygen Reduction Reaction in Acidic Medium. *ACS Nano*, **2017**, 11, 6930-6941	16.7	327
32	High-Performance Pseudocapacitive Microsupercapacitors from Laser-Induced Graphene. *Advanced Materials*, **2016**, 28, 838-45	24	335
31	In Situ Formation of Metal Oxide Nanocrystals Embedded in Laser-Induced Graphene. *ACS Nano*, **2015**, 9, 9244-51	16.7	137
30	Piezochromic Materials: Remarkable Turn-On and Color-Tuned Piezochromic Luminescence: Mechanically Switching Intramolecular Charge Transfer in Molecular Crystals (Adv. Funct. Mater. 26/2015). *Advanced Functional Materials*, **2015**, 25, 4171-4171	15.6	3
29	Remarkable Turn-On and Color-Tuned Piezochromic Luminescence: Mechanically Switching Intramolecular Charge Transfer in Molecular Crystals. *Advanced Functional Materials*, **2015**, 25, 4005-4010	15.6	240
28	Low-Loss Optical Waveguide and Highly Polarized Emission in a Uniaxially Oriented Molecular Crystal Based on 9,10-Distyrylanthracene Derivatives. *ACS Photonics*, **2015**, 2, 313-318	6.3	24
27	Efficient Spontaneous and Stimulated Emission from 1,4-Bis(2,2-diphenylvinyl)benzene Single Crystals with Cross-Dipole Stacking. *Advanced Optical Materials*, **2015**, 3, 763-768	8.1	19
26	An organic luminescent molecule: what will happen when the "butterflies" come together?. *Advanced Materials*, **2014**, 26, 739-45	24	123
25	Ultra bright red AIE dots for cytoplasm and nuclear imaging. *Polymer Chemistry*, **2014**, 5, 7013-7020	4.9	45
24	Folic acid-functionalized AIE Pdots based on amphiphilic PCL-b-PEG for targeted cell imaging. *Polymer Chemistry*, **2014**, 5, 3824-3830	4.9	48
23	Organic polymorphs: one-compound-based crystals with molecular-conformation- and packing-dependent luminescent properties. *Advanced Materials*, **2014**, 26, 6168-73	24	224
22	Proton-Triggered Hypsochromic Luminescence in 1,1R(2,5-Distyryl-1,4-phenylene) Dipiperidine. *Journal of Physical Chemistry Letters*, **2014**, 5, 2781-4	6.4	35

21	Aggregation induced enhanced emission of conjugated dendrimers with a large intrinsic two-photon absorption cross-section. *Polymer Chemistry*, **2014**, 5, 479-488	4.9	45
20	Molecular crystals based on 9,10-distyrylanthracene derivatives with high solid state fluorescence efficiency and uniaxial orientation induced by supramolecular interactions. *Science Bulletin*, **2013**, 58, 2747-2752		6
19	Oligo(phenothiazine)s: Twisted Intramolecular Charge Transfer and Aggregation-Induced Emission. *Journal of Physical Chemistry C*, **2013**, 117, 23117-23125	3.8	67
18	Mechanochromism and Polymorphism-Dependent Emission of Tetrakis(4-(dimethylamino)phenyl)ethylene. *Journal of Physical Chemistry C*, **2013**, 117, 24997-25003	3.8	127
17	Label-free fluorescence turn-on detection of Pb2+ based on AIE-active quaternary ammonium salt of 9,10-distyrylanthracene. *Analytical Methods*, **2013**, 5, 438-441	3.2	37
16	Multi-stimuli responsive fluorescence switching: the reversible piezochromism and protonation effect of a divinylanthracene derivative. *Journal of Materials Chemistry C*, **2013**, 1, 7554	7.1	175
15	Folic acid-functionalized mesoporous silica nanospheres hybridized with AIE luminogens for targeted cancer cell imaging. *Nanoscale*, **2013**, 5, 2065-72	7.7	125
14	Synthesis and photovoltaic properties of low band gap copolymers containing (bithiophenevinyl)-(2-pyran-4-ylidenemalononitrile) (TVM) moieties. *Polymer Journal*, **2013**, 45, 1072-1080	2.7	1
13	Remarkable fluorescence change based on the protonation-deprotonation control in organic crystals. *Chemical Communications*, **2013**, 49, 3878-80	5.8	95
12	Theoretical investigation of electronic structure and charge transport property of 9,10-distyrylanthracene (DSA) derivatives with high solid-state luminescent efficiency. *Physical Chemistry Chemical Physics*, **2013**, 15, 2449-58	3.6	36
11	Organic Fluorescent Molecule with High Solid State Luminescent Efficiency and Protonation Stimuli-response. *Chinese Journal of Chemistry*, **2013**, 31, 1418-1422	4.9	10
10	Aggregation-Induced Emission of 9,10-Distyrylanthracene Derivatives and Their Applications **2013**, 61-82		3
9	Piezochromic Luminescence Based on the Molecular Aggregation of 9,10-Bis((E)-2-(pyrid-2-yl)vinyl)anthracene. *Angewandte Chemie*, **2012**, 124, 10940-10943	3.6	110
8	Piezochromic luminescence based on the molecular aggregation of 9,10-bis((E)-2-(pyrid-2-yl)vinyl)anthracene. *Angewandte Chemie - International Edition*, **2012**, 51, 10782-5	16.4	679
7	Supramolecular interactions induced fluorescent organic nanowires with high quantum yield based on 9,10-distyrylanthracene. *CrystEngComm*, **2012**, 14, 6593	3.3	41
6	Oxadiazole containing poly(p-phenylenevinylene)s: synthesis and characterization. *New Journal of Chemistry*, **2012**, 36, 1626	3.6	4
5	A low band gap donor–acceptor copolymer containing fluorene and benzothiadiazole units: synthesis and photovoltaic properties. *New Journal of Chemistry*, **2011**, 35, 385-393	3.6	35
4	Efficiency enhancement of polymer solar cells by incorporating a self-assembled layer of silver nanodisks. *Solar Energy Materials and Solar Cells*, **2011**, 95, 3281-3286	6.4	44

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3	Design and synthesis of solution processable small molecules towards high photovoltaic performance. *Journal of Materials Chemistry*, **2011**, 21, 2159-2168		79
2	All-spin-coating vacuum-free processed semi-transparent inverted polymer solar cells with PEDOT:PSS anode and PAH-D interfacial layer. *Organic Electronics*, **2010**, 11, 1327-1331	3.5	73
1	Molecular structure–property engineering for photovoltaic applications: Fluorene-acceptor alternating conjugated copolymers with varied bridged moieties. *Polymer*, **2010**, 51, 1786-1795	3.9	30