

# Bo Jiang

## List of Publications by Year in descending order

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19  
papers

712  
citations

623734

14  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perylene Diimide Based Non-Fullerene Solar Cells with 4.34% Efficiency through Engineering Surface Donor/Acceptor Compositions. <i>Chemistry of Materials</i> , 2014, 26, 2907-2914.	6.7	150
2	Laser-Induced Conversion of Teflon into Fluorinated Nanodiamonds or Fluorinated Graphene. <i>ACS Nano</i> , 2018, 12, 1083-1088.	14.6	91
3	Benzodithiophene bridged dimeric perylene diimide amphiphiles as efficient solution-processed non-fullerene small molecules. <i>Polymer Chemistry</i> , 2013, 4, 4631.	3.9	66
4	Coordination Number of Li <sup>+</sup> in Nonaqueous Electrolyte Solutions Determined by Molecular Rotational Measurements. <i>Journal of Physical Chemistry B</i> , 2014, 118, 3689-3695.	2.6	53
5	Monitoring the Formation of Amyloid Oligomers Using Photoluminescence Anisotropy. <i>Journal of the American Chemical Society</i> , 2019, 141, 15605-15610.	13.7	47
6	The Anion Effect on Li <sup>+</sup> Ion Coordination Structure in Ethylene Carbonate Solutions. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3554-3559.	4.6	42
7	Effects of structure-manipulated molecular stacking on solid-state optical properties and device performances. <i>Polymer Chemistry</i> , 2012, 3, 2832.	3.9	41
8	Cooperatively Tuning Phase Size and Absorption of Near IR Photons in P3HT:Perylene Diimide Solar Cells by Bay-Modifications on the Acceptor. <i>Journal of Physical Chemistry C</i> , 2014, 118, 24212-24220.	3.1	39
9	Ultrafast and Controllable Phase Evolution by Flash Joule Heating. <i>ACS Nano</i> , 2021, 15, 11158-11167.	14.6	38
10	Latest Trends in Temperature Sensing by Molecular Probes. <i>ChemPhotoChem</i> , 2020, 4, 255-270.	3.0	33
11	Photochemical Identification of Molecular Binding Sites on the Surface of Amyloid- $\beta$ Fibrillar Aggregates. <i>Chem</i> , 2017, 3, 898-912.	11.7	27
12	Synthesis and charge-transporting properties of electron-deficient CN2-fluorene based D-A copolymers. <i>Polymer Chemistry</i> , 2012, 3, 2170.	3.9	24
13	Modulating PCBM-Acceptor Crystallinity and Organic Solar Cell Performance by Judiciously Designing Small-Molecule Mainchain End-Capping Units. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 26058-26065.	8.0	17
14	Terminal moiety-driven electrical performance of asymmetric small-molecule-based organic solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15688-15697.	10.3	16
15	Comparison Studies on Sub-Nanometer-Sized Ion Clusters in Aqueous Solutions: Vibrational Energy Transfers, MD Simulations, and Neutron Scattering. <i>Journal of Physical Chemistry B</i> , 2015, 119, 9893-9904.	2.6	11
16	The molecular rotational motion of liquid ethanol studied by ultrafast time resolved infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 4345-4351.	2.8	10
17	Probing Amyloid Nanostructures Using Photoluminescent Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4408-4424.	2.0	4
18	Abnormal behavior in the three-photon resonance enhanced multiphoton ionization spectroscopy of CO <sub>2</sub> . <i>Journal of Chemical Physics</i> , 2001, 115, 858-863.	3.0	2

#	ARTICLE	IF	CITATIONS
19	Intermolecular Vibrational Energy Transfers in Melts and Solutions. Chinese Journal of Chemical Physics, 2016, 29, 407-417.	1.3	1