

# Xiaolong Fu

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,473  
citations

623188

14  
h-index

610482

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2540  
citing authors

#	ARTICLE	IF	CITATIONS
1	In silico screening and experimental study of anion-pillared metal-organic frameworks for hydrogen isotope separation. Separation and Purification Technology, 2022, 295, 121286.	3.9	7
2	High-Throughput Computational Exploration of MOFs with Open Cu Sites for Adsorptive Separation of Hydrogen Isotopes. ACS Applied Materials & Interfaces, 2022, 14, 24980-24991.	4.0	10
3	Inhibition Effect of CO on Hydrogen Permeation Through a Pd/Al <sub>2</sub> O <sub>3</sub> Composite Membrane: A Comprehensive Study on Concentration Polarization and Competitive Adsorption Effect. Fusion Science and Technology, 2020, 76, 680-689.	0.6	1
4	One-Pot Domino Carbonylation Protocol for Aromatic Diimides toward n-Type Organic Semiconductors. Angewandte Chemie - International Edition, 2020, 59, 14024-14028.	7.2	39
5	One-Pot Domino Carbonylation Protocol for Aromatic Diimides toward n-Type Organic Semiconductors. Angewandte Chemie, 2020, 132, 14128-14132.	1.6	7
6	Quantum sieving of H <sub>2</sub> /D <sub>2</sub> in MOFs: a study on the correlation between the separation performance, pore size and temperature. Journal of Materials Chemistry A, 2020, 8, 6319-6327.	5.2	13
7	Superhydrophobic and superaerophilic hierarchical Pt@MIL-101/PVDF composite for hydrogen water isotope exchange reactions. Journal of Hazardous Materials, 2019, 380, 120904.	6.5	15
8	Tuning charge transport from unipolar (n-type) to ambipolar in bis(naphthalene diimide) derivatives by introducing I <sup>-</sup> -conjugated heterocyclic bridging moieties. Journal of Materials Chemistry C, 2016, 4, 7230-7240.	2.7	25
9	Organic Cocrystal Photovoltaic Behavior: A Model System to Study Charge Recombination of C <sub>60</sub> and C <sub>70</sub> at the Molecular Level. Advanced Electronic Materials, 2016, 2, 1500423.	2.6	42
10	Quick Fabrication of Large-area Organic Semiconductor Single Crystal Arrays with a Rapid Annealing Self-Solution-Shearing Method. Scientific Reports, 2015, 5, 13195.	1.6	36
11	Solution-Processed Large-Area Nanocrystal Arrays of Metal-Organic Frameworks as Wearable, Ultrasensitive, Electronic Skin for Health Monitoring. Small, 2015, 11, 3351-3356.	5.2	75
12	Revealing the Charge-Transfer Interactions in Self-Assembled Organic Cocrystals: Two-Dimensional Photonic Applications. Angewandte Chemie - International Edition, 2015, 54, 6785-6789.	7.2	198
13	Role of redox centre in charge transport investigated by novel self-assembled conjugated polymer molecular junctions. Nature Communications, 2015, 6, 7478.	5.8	43
14	Tuning the Crystal Polymorphs of Alkyl Thienoacene via Solution Self-Assembly Toward Air-Stable and High-Performance Organic Field-Effect Transistors. Advanced Materials, 2015, 27, 825-830.	11.1	106
15	Microelectrode Electrochemistry with Semiconducting Microelectrode Chips. Small, 2014, 10, 878-883.	5.2	2
16	Regioselective Deposition Method to Pattern Silver Electrodes Facilely and Efficiently with High Resolution: Towards All-Solution-Processed, High-Performance, Bottom-Contacted, Flexible, Polymer-Based Electronics. Advanced Functional Materials, 2014, 24, 3783-3789.	7.8	29
17	Rubrene analogues with the aggregation-induced emission enhancement behaviour. Journal of Materials Chemistry C, 2014, 2, 884-890.	2.7	22
18	A novel method for photolithographic polymer shadow masking: toward high-resolution high-performance top-contact organic field effect transistors. Chemical Communications, 2014, 50, 8328-8330.	2.2	22

#	ARTICLE	IF	CITATIONS
19	A thienyl peripherally substituted rubrene analogue with constant emissions and good film forming ability. Journal of Materials Chemistry C, 2014, 2, 8222-8225.	2.7	10
20	Organic Electronics: "Regioselective Deposition" Method to Pattern Silver Electrodes Facilely and Efficiently with High Resolution: Towards All-Solution-Processed, High-Performance,		