

# Lingjie Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,460  
citations

623734

14  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1718  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic crystalline materials in flexible electronics. <i>Chemical Society Reviews</i> , 2019, 48, 1492-1530.	38.1	314
2	Cocrystal Engineering: A Collaborative Strategy toward Functional Materials. <i>Advanced Materials</i> , 2019, 31, e1902328.	21.0	245
3	Intermolecular Charge-Transfer Interactions Facilitate Two-Photon Absorption in Styrylpyridine-Tetracyanobenzene Cocrystals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7831-7835.	13.8	146
4	Molecular cocrystals: design, charge-transfer and optoelectronic functionality. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 6009-6023.	2.8	143
5	Uncovering the Intramolecular Emission and Tuning the Nonlinear Optical Properties of Organic Materials by Cocrystallization. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14023-14027.	13.8	103
6	Creating Organic Functional Materials beyond Chemical Bond Synthesis by Organic Cocrystal Engineering. <i>Journal of the American Chemical Society</i> , 2021, 143, 19243-19256.	13.7	84
7	Thermally Activated Delayed Fluorescence in an Organic Cocrystal: Narrowing the Singlet-Triplet Energy Gap via Charge Transfer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11311-11316.	13.8	76
8	Stimuli-responsive behaviors of organic charge transfer cocrystals: recent advances and perspectives. <i>Materials Chemistry Frontiers</i> , 2020, 4, 715-728.	5.9	72
9	Low-Voltage Organic Single-Crystal Field-Effect Transistor with Steep Subthreshold Slope. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25871-25877.	8.0	50
10	Organic Semiconductor Single Crystals for X-ray Imaging. <i>Advanced Materials</i> , 2021, 33, e2104749.	21.0	43
11	Intermolecular Charge-Transfer Interactions Facilitate Two-Photon Absorption in Styrylpyridine-Tetracyanobenzene Cocrystals. <i>Angewandte Chemie</i> , 2017, 129, 7939-7943.	2.0	32
12	Free-Standing 2D Hexagonal Aluminum Nitride Dielectric Crystals for High-Performance Organic Field-Effect Transistors. <i>Advanced Materials</i> , 2018, 30, e1801891.	21.0	32
13	Uncovering the Intramolecular Emission and Tuning the Nonlinear Optical Properties of Organic Materials by Cocrystallization. <i>Angewandte Chemie</i> , 2016, 128, 14229-14233.	2.0	29
14	Deep insight into the charge transfer interactions in 1,2,4,5-tetracyanobenzene-phenazine cocrystal. <i>Chinese Chemical Letters</i> , 2021, 32, 3007-3010.	9.0	20
15	Cocrystal engineering for constructing two-photon absorption materials by controllable intermolecular interactions. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2562-2568.	5.5	15
16	Thermally Activated Delayed Fluorescence in an Organic Cocrystal: Narrowing the Singlet-Triplet Energy Gap via Charge Transfer. <i>Angewandte Chemie</i> , 2019, 131, 11433.	2.0	13
17	Cocrystal engineering: Tuning the charge transfer excitons for highly sensitive luminescent switching materials under multiple stimuli. <i>Science China Materials</i> , 2022, 65, 1320-1328.	6.3	10
18	New anthracene derivatives integrating high mobility and strong emission. <i>Journal of Materials Chemistry C</i> , 2018, 6, 13257-13260.	5.5	9

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19	Low-power high-mobility organic single-crystal field-effect transistor. Science China Materials, 2022, 65, 2779-2785.	6.3	6
20	Phenanthrene derivatives combined charge transport properties and strong solid-state emission. Science China Chemistry, 2019, 62, 916-920.	8.2	5
21	Highly Efficient Contact Doping for High-Performance Organic UV-Sensitive Phototransistors. Crystals, 2022, 12, 651.	2.2	5
22	An organic cocrystal based on phthalocyanine with ideal packing mode towards high-performance ambipolar property. Journal of Materials Chemistry C, 2022, 10, 9596-9601.	5.5	4
23	DPA-MoS <sub>2</sub> van der Waals Heterostructures for Ambipolar Transistor and Wavelength-dependent Photodetection. , 2022, 4, 1483-1492.		4
24	Tailoring the substituted position for high-efficiency charge transport ability and strong blue solid-state emission in a naphthalene derivative. Materials Chemistry Frontiers, 0, , .	5.9	0