

Yu Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

3,120
citations

430874

18
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

4654
citing authors

#	ARTICLE	IF	CITATIONS
1	Resist-Free Lithography for Monolayer Transition Metal Dichalcogenides. <i>Nano Letters</i> , 2022, 22, 726-732.	9.1	22
2	Extremely anisotropic van der Waals thermal conductors. <i>Nature</i> , 2021, 597, 660-665.	27.8	127
3	Synthesis, modular composition, and electrochemical properties of lamellar iron sulfides. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15834-15844.	10.3	10
4	Two-Dimensional Material Tunnel Barrier for Josephson Junctions and Superconducting Qubits. <i>Nano Letters</i> , 2019, 19, 8287-8293.	9.1	29
5	Wafer-scale synthesis of monolayer two-dimensional porphyrin polymers for hybrid superlattices. <i>Science</i> , 2019, 366, 1379-1384.	12.6	178
6	Anisotropic Singlet Fission in Single Crystalline Hexacene. <i>IScience</i> , 2019, 19, 1079-1089.	4.1	16
7	Conjugated Macrocycles in Organic Electronics. <i>Accounts of Chemical Research</i> , 2019, 52, 1068-1078.	15.6	107
8	Hollow organic capsules assemble into cellular semiconductors. <i>Nature Communications</i> , 2018, 9, 1957.	12.8	34
9	Helical Nanoribbons for Ultra-Narrowband Photodetectors. <i>Journal of the American Chemical Society</i> , 2017, 139, 5644-5647.	13.7	97
10	Long, Atomically Precise Donor-acceptor Cove-Edge Nanoribbons as Electron Acceptors. <i>Journal of the American Chemical Society</i> , 2017, 139, 5648-5651.	13.7	150
11	Dynamics of the triplet-pair state reveals the likely coexistence of coherent and incoherent singlet fission in crystalline hexacene. <i>Nature Chemistry</i> , 2017, 9, 341-346.	13.6	155
12	Rigid, Conjugated Macrocycles for High Performance Organic Photodetectors. <i>Journal of the American Chemical Society</i> , 2016, 138, 16426-16431.	13.7	98
13	Macrocyclization in the Design of Organic n-Type Electronic Materials. <i>Journal of the American Chemical Society</i> , 2016, 138, 12861-12867.	13.7	101
14	Intra- to Intermolecular Singlet Fission. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1312-1319.	3.1	65
15	Chiral Conjugated Corrals. <i>Journal of the American Chemical Society</i> , 2015, 137, 9982-9987.	13.7	104
16	Excitons in ultrathin organic-inorganic perovskite crystals. <i>Physical Review B</i> , 2015, 92, .	3.2	263
17	Molecular helices as electron acceptors in high-performance bulk heterojunction solar cells. <i>Nature Communications</i> , 2015, 6, 8242.	12.8	525
18	Contorted Polycyclic Aromatics. <i>Accounts of Chemical Research</i> , 2015, 48, 267-276.	15.6	366

#	ARTICLE	IF	CITATIONS
19	Helical Ribbons for Molecular Electronics. <i>Journal of the American Chemical Society</i> , 2014, 136, 8122-8130.	13.7	243
20	Spectroscopic Study of Anisotropic Excitons in Single Crystal Hexacene. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3632-3635.	4.6	10
21	Efficient Organic Solar Cells with Helical Perylene Diimide Electron Acceptors. <i>Journal of the American Chemical Society</i> , 2014, 136, 15215-15221.	13.7	414