Zongrui Wang

List of Publications by Year
in descending order

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20	1,162	623574	752573
papers	citations	14 h-index	20 g-index

20	20	20	1732
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A co-crystallization strategy toward high-performance n-type organic semiconductors through charge transport switching from p-type planar azaacene derivatives. Journal of Materials Chemistry C, 2022, 10, 2757-2762.	2.7	4
2	Improving the hole transport performance of perovskite solar cells through adjusting the mobility of the as-synthesized conjugated polymer. Journal of Materials Chemistry C, 2021, 9, 3421-3428.	2.7	12
3	Molecular Aggregation of Naphthalene Diimide(NDI) Derivatives in Electron Transport Layers of Inverted Perovskite Solar Cells and Their Influence on the Device Performance. Chemistry - an Asian Journal, 2020, 15, 112-121.	1.7	20
4	Insights into the Control of Optoelectronic Properties in Mixedâ€Stacking Chargeâ€Transfer Complexes. Chemistry - A European Journal, 2020, 26, 3578-3585.	1.7	29
5	Recent progress in the usage of tetrabromo-substituted naphthalenetetracarboxylic dianhydride as a building block to construct organic semiconductors and their applications. Organic Chemistry Frontiers, 2020, 7, 3001-3026.	2.3	22
6	Green Grinding-Coassembly Engineering toward Intrinsically Luminescent Tetracene in Cocrystals. ACS Nano, 2020, 14, 15962-15972.	7.3	54
7	Improving the Fill Factor of Perovskite Solar Cells by Employing an Amine-tethered Diketopyrrolopyrrole-Based Polymer as the Dopant-free Hole Transport Layer. ACS Applied Energy Materials, 2020, 3, 9600-9609.	2.5	26
8	Rational Control of Charge Transfer Excitons Toward Highâ€Contrast Reversible Mechanoresponsive Luminescent Switching. Angewandte Chemie, 2020, 132, 17733-17739.	1.6	17
9	Rational Control of Charge Transfer Excitons Toward Highâ€Contrast Reversible Mechanoresponsive Luminescent Switching. Angewandte Chemie - International Edition, 2020, 59, 17580-17586.	7.2	83
10	Organic Donorâ€Acceptor Cocrystals for Multiferroic Applications. Asian Journal of Organic Chemistry, 2020, 9, 1252-1261.	1.3	22
11	Imideâ€Fused Diazatetracenes: Synthesis, Characterization, and Application in Perovskite Solar Cells. Chemistry - A European Journal, 2020, 26, 4220-4225.	1.7	4
12	Sulfur Position in Pyrene-Based PTTIs Plays a Key Role To Determine the Performance of Perovskite Solar Cells When PTTIs Were Employed as Electron Transport Layers. ACS Applied Energy Materials, 2019, 2, 5716-5723.	2.5	13
13	Organic Cocrystals: Beyond Electrical Conductivities and Fieldâ€Effect Transistors (FETs). Angewandte Chemie, 2019, 131, 9798-9813.	1.6	41
14	Organic Cocrystals: Beyond Electrical Conductivities and Fieldâ€Effect Transistors (FETs). Angewandte Chemie - International Edition, 2019, 58, 9696-9711.	7.2	234
15	The Role of Weak Molecular Dopants in Enhancing the Performance of Solutionâ€Processed Organic Fieldâ€Effect Transistors. Advanced Electronic Materials, 2019, 5, 1800547.	2.6	32
16	Reducing aggregation caused quenching effect through co-assembly of PAH chromophores and molecular barriers. Nature Communications, 2019, 10, 169.	5.8	303
17	Efficient Inverted Perovskite Solar Cells by Employing Nâ€Type (Dâ€“A₁â€“Dâ€“A₂) Polymers as Electron Transporting Layer. Small, 2019, 15, e1803339.	5.2	50
18	Structure engineering: extending the length of azaacene derivatives through quinone bridges. Journal of Materials Chemistry C, 2018, 6, 3628-3633.	2.7	10

#	Article	IF	Citations
19	Improving Interfacial Charge Recombination in Planar Heterojunction Perovskite Photovoltaics with Small Molecule as Electron Transport Layer. Advanced Energy Materials, 2017, 7, 1700522.	10.2	173
20	Solar Cells: Improving Interfacial Charge Recombination in Planar Heterojunction Perovskite Photovoltaics with Small Molecule as Electron Transport Layer (Adv. Energy Mater. 18/2017). Advanced Energy Materials, 2017, 7, .	10.2	13