

Yuqian Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

240
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	The isotope effect on charge transport for bithiophene and di(n-hexyl)-bithiophene: impacts of deuteration position, deuteration number and side chain substitution position. <i>Theoretical Chemistry Accounts</i> , 2018, 137, 1.	1.4	2
2	Asymmetric photon transport in organic semiconductor nanowires through electrically controlled exciton diffusion. <i>Science Advances</i> , 2018, 4, eaap9861.	10.3	56
3	Nuclear quantum tunnelling and carrier delocalization effects to bridge the gap between hopping and bandlike behaviors in organic semiconductors. <i>Nanoscale Horizons</i> , 2016, 1, 53-59.	8.0	49
4	Mechanism of charge transport in organic semiconductors and carbon nanomaterials. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1733, 1.	0.1	0
5	Negative isotope effect for charge transport in acenes and derivatives – a theoretical conclusion. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3273-3280.	2.8	19
6	Charge Transport: Understanding Lattice Strain-Controlled Charge Transport in Organic Semiconductors: A Computational Study (<i>Adv. Funct. Mater.</i> 35/2014). <i>Advanced Functional Materials</i> , 2014, 24, 5530-5530.	14.9	0
7	Theoretical Prediction of Isotope Effects on Charge Transport in Organic Semiconductors. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2267-2273.	4.6	31
8	Understanding Lattice Strain-Controlled Charge Transport in Organic Semiconductors: A Computational Study. <i>Advanced Functional Materials</i> , 2014, 24, 5531-5540.	14.9	36
9	Spectral Signature of Intrachain and Interchain Polarons in Donor-Acceptor Copolymers. <i>Acta Chimica Sinica</i> , 2014, 72, 201.	1.4	6
10	Theoretical design of polythiophenevinylene derivatives for improvements of light-emitting and photovoltaic performances. <i>Journal of Materials Chemistry</i> , 2012, 22, 4491.	6.7	41