Yuqian Jiang

List of Publications by Year
in descending order

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