

Dongki Lee

List of Publications by Year in descending order

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229
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrachain Delocalization Effect of Charge Carriers on the Charge-Transfer State Dynamics in Organic Solar Cells. <i>Journal of Physical Chemistry C</i> , 2022, 126, 3171-3179.	3.1	10
2	Correlation of Defect-Induced Photoluminescence and Raman Scattering in Monolayer WS ₂ . <i>Journal of Physical Chemistry C</i> , 2022, 126, 7177-7183.	3.1	8
3	Nanomorphology dependence of the environmental stability of organic solar cells. <i>NPG Asia Materials</i> , 2022, 14, .	7.9	3
4	Elucidating the photoluminescence-enhancement mechanism in a push-pull conjugated polymer induced by hot-electron injection from gold nanoparticles. <i>Photonics Research</i> , 2021, 9, 131.	7.0	11
5	Photomultiplication-Type Organic Photodetectors with Fast Response Enabled by the Controlled Charge Trapping Dynamics of Quantum Dot Interlayer. <i>Advanced Functional Materials</i> , 2021, 31, 2102087.	14.9	29
6	Charge Recycling Mechanism Through a Triplet Charge-Transfer State in Ternary-Blend Organic Solar Cells Containing a Nonfullerene Acceptor. <i>ACS Energy Letters</i> , 2021, 6, 2610-2618.	17.4	9
7	Augmented Photoluminescence in a Conjugated Polymer by the Incorporation of CdSe/CdS Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2020, 124, 20605-20613.	3.1	3
8	Effect of Hot-Electron Injection on the Excited-State Dynamics of a Hybrid Plasmonic System Containing Poly(3-hexylthiophene)-Coated Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26564-26570.	3.1	3
9	Effect of donor-acceptor molecular orientation on charge photogeneration in organic solar cells. <i>NPG Asia Materials</i> , 2018, 10, 469-481.	7.9	49
10	A colloidal system of polythiophene-grafted edge-gold-coated silver nanoprisms with enhanced optical properties and stability. <i>New Journal of Chemistry</i> , 2017, 41, 160-167.	2.8	2
11	Singlet Exciton Delocalization in Gold Nanoparticle-Tethered Poly(3-hexylthiophene) Nanofibers with Enhanced Intrachain Ordering. <i>Macromolecules</i> , 2017, 50, 8487-8496.	4.8	12
12	Excited-state dynamics of an amphiphilic diblock copolymer self-assembled from mixed solvents. <i>Polymer</i> , 2016, 99, 122-129.	3.8	2
13	Effects of gold nanorods on the excited-state dynamics and photovoltaic performances of hybrid nanocomposites containing poly(3-hexylthiophene). <i>Journal of Materials Science</i> , 2016, 51, 9669-9678.	3.7	2
14	Formation and decay of charge carriers in aggregate nanofibers consisting of poly(3-hexylthiophene)-coated gold nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 2087-2096.	2.8	9
15	Charge-carrier relaxation dynamics of poly(3-hexylthiophene)-coated gold hybrid nanoparticles. <i>Polymer</i> , 2014, 55, 5469-5476.	3.8	21