Le Quang Phuong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1610029/publications.pdf

Version: 2024-02-01

15 papers	874 citations	759233 12 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1751 citing authors

#	Article	IF	Citations
1	Dynamic Optical Properties of CH₃NH₃PbI₃ Single Crystals As Revealed by One- and Two-Photon Excited Photoluminescence Measurements. Journal of the American Chemical Society, 2015, 137, 10456-10459.	13.7	335
2	Free Excitons and Excitonâ€“Phonon Coupling in CH₃NH₃PbI₃ Single Crystals Revealed by Photocurrent and Photoluminescence Measurements at Low Temperatures. Journal of Physical Chemistry Letters, 2016, 7, 4905-4910.	4.6	88
3	Free Carriers versus Excitons in CH₃NH₃PbI₃ Perovskite Thin Films at Low Temperatures: Charge Transfer from the Orthorhombic Phase to the Tetragonal Phase. Journal of Physical Chemistry Letters, 2016, 7, 2316-2321.	4.6	79
4	Extraordinarily long diffusion length in PM6:Y6 organic solar cells. Journal of Materials Chemistry A, 2020, 8, 7854-7860.	10.3	74
5	Helix Induction to Polyfluorenes Using Circularly Polarized Light: Chirality Amplification, Phase-Selective Induction, and Anisotropic Emission. Macromolecules, 2018, 51, 6865-6877.	4.8	64
6	Excitons Dominate the Emission from PM6:Y6 Solar Cells, but This Does Not Help the Open-Circuit Voltage of the Device. ACS Energy Letters, 2021, 6, 557-564.	17.4	57
7	Photocarrier localization and recombination dynamics in Cu2ZnSnS4 single crystals. Applied Physics Letters, 2013, 103, .	3.3	34
8	Understanding the Role of Order in Yâ€Series Nonâ€Fullerene Solar Cells to Realize High Openâ€Circuit Voltages. Advanced Energy Materials, 2022, 12, .	19.5	32
9	Orders of Recombination in Complete Perovskite Solar Cells â€“ Linking Timeâ€Resolved and Steadyâ€State Measurements. Advanced Energy Materials, 2021, 11, 2101823.	19.5	31
10	Free-carrier dynamics and band tails in Cu2ZnSn(SxSe1â^'x)4 : Evaluation of factors determining solar cell efficiency. Physical Review B, 2015, 92, .	3.2	19
11	Quantifying Quasiâ€Fermi Level Splitting and Openâ€Circuit Voltage Losses in Highly Efficient Nonfullerene Organic Solar Cells. Solar Rrl, 2021, 5, 2000649.	5.8	19
12	Photocarrier dynamics in CIGS, CZTS, and related materials revealed by ultrafast optical spectroscopy. Physica Status Solidi (B): Basic Research, 2015, 252, 1219-1224.	1.5	15
13	Measuring Competing Recombination Losses in a Significantly Reduced Langevin System by Steady-State Photoinduced Absorption and Photocurrent Spectroscopy. Journal of Physical Chemistry C, 2019, 123, 27417-27422.	3.1	11
14	Nonlinear photocarrier recombination dynamics in mixed-halide CH₃NH₃Pb(I_{1â^'} _x Br _x) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.4	9
15	Polarization of Colloidal CdSe Quantum Dots. Journal of the Korean Physical Society, 2008, 53, 1570-1574.	0.7	7