

# Le Quang Phuong

## List of Publications by Year in descending order

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