Quang-Duy Dao

List of Publications by Year
in descending order

18 papers	289 citations	1040056 9 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	398 citing authors

#	Article	IF	Citations
1	Effects of processing additives on nanoscale phase separation, crystallization and photovoltaic performance of solar cells based on mesogenic phthalocyanine. Organic Electronics, 2013, 14, 2628-2634.	2.6	47
2	Efficiency enhancement in perovskite solar cell utilizing solution-processable phthalocyanine hole transport layer with thermal annealing. Organic Electronics, 2017, 43, 156-161.	2.6	39
3	Study on degradation mechanism of perovskite solar cell and their recovering effects by introducing CH3NH3I layers. Organic Electronics, 2017, 43, 229-234.	2.6	38
4	Triphenylamineâ€"Thienothiophene Organic Chargeâ€Transport Molecular Materials: Effect of Substitution Pattern on their Thermal, Photoelectrochemical, and Photovoltaic Properties. Chemistry - an Asian Journal, 2018, 13, 1302-1311.	3.3	24
5	Efficiency enhancement in solution processed small-molecule based organic solar cells utilizing various phthalocyanineâ€"tetrabenzoporphyrin hybrid macrocycles. Organic Electronics, 2015, 23, 44-52.	2.6	23
6	Octahexyltetrabenzotriazaporphyrin: A Discotic Liquid Crystalline Donor for High-performance Small-molecule Solar Cells. Chemistry Letters, 2014, 43, 1761-1763.	1.3	22
7	Alkyl Substituent Length Dependence of Octaalkylphthalocyanine Bulk Heterojunction Solar Cells. Applied Physics Express, 2013, 6, 122301.	2.4	18
8	Liquid crystalline and charge transport properties of novel non-peripherally octasubstituted perfluoroalkylated phthalocyanines. Journal of Materials Chemistry C, 2015, 3, 1757-1765.	5.5	18
9	Miscibility in binary blends of non-peripheral alkylphthalocyanines and their application for bulk-heterojunction solar cells. Organic Electronics, 2014, 15, 1189-1196.	2.6	17
10	Mesoporous TiO2 electron transport layer engineering for efficient inorganic-organic hybrid perovskite solar cells using hydrochloric acid treatment. Thin Solid Films, 2021, 732, 138768.	1.8	10
11	Improved synthesis of non-peripherally alkyl-substituted tetrabenzotriazaporphyrins. Molecular Crystals and Liquid Crystals, 2017, 653, 22-26.	0.9	9
12	Effects of alkyl-substituent length on photovoltaic performance of bulk heterojunction solar cells utilizing non-peripherally octaalkyltetrabenzotriazaporphyrins. Japanese Journal of Applied Physics, 2020, 59, 101003.	1.5	7
13	Carrier transport study on triphenylamine-thienothiophene-based hole transport material by MIS-CELIV method. Japanese Journal of Applied Physics, 2020, 59, SGGG01.	1.5	4
14	Novel (110) Double-Layered Guanidinium-Lead Iodide Perovskite Material: Crystal Structure, Electronic Structure, and Broad Luminescence. Journal of Physical Chemistry C, 2021, 125, 964-972.	3.1	4
15	Improvement of Photovoltaic Performance of Octahexylphthalocyanine-Based Bulk-Heterojunction Solar Cells Using Various Fullerene Derivatives. Transactions of the Materials Research Society of Japan, 2013, 38, 463-466.	0.2	4
16	Effects of thermal-annealing and processing-additive treatment on crystallization-induced phase separation in organic solar cells utilizing octapentyl tetrabenzotriazaporphyrins. Journal Physics D: Applied Physics, 2015, 48, 385103.	2.8	2
17	Highly efficient perovskite solar cell utilizing a solution-processable tetrabenzoporphyrin hole transport material with p-type dopants. Applied Physics Express, 2019, 12, 112009.	2.4	2
18	Pyrolysis of Ironâ€Containing Polyanilines under Micropore Generation Control: Electrocatalytic Performance in the Oxygen Reduction Reaction. ChemPlusChem, 2020, 85, 1964-1967.	2.8	1