

Quoc Viet Hoang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/382937/publications.pdf>

Version: 2024-02-01

12
papers

336
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

574
citing authors

#	ARTICLE	IF	CITATIONS
1	High-efficiency photovoltaic cells with wide optical band gap polymers based on fluorinated phenylene-alkoxybenzothiadiazole. <i>Energy and Environmental Science</i> , 2017, 10, 1443-1455.	30.8	84
2	Highly Efficient Indoor Organic Photovoltaics with Spectrally Matched Fluorinated Phenylene-alkoxybenzothiadiazole-Based Wide Bandgap Polymers. <i>Advanced Functional Materials</i> , 2019, 29, 1901171.	14.9	69
3	Asymmetric Electron-Donating 4-Alkyl-8-alkoxybenzo[1,2- <i>b</i> :4,5- <i>b'</i>]-dithiophene Unit for Use in High-Efficiency Bulk Heterojunction Polymer Solar Cells. <i>Macromolecules</i> , 2015, 48, 3918-3927.	4.8	39
4	Thiophene-benzothiadiazole based $A_{1-x}B_x$ type alternating copolymers for polymer solar cells. <i>Polymer Chemistry</i> , 2017, 8, 3622-3631.	3.9	30
5	High-efficiency non-halogenated solvent processable polymer/PCBM solar cells via fluorination-enabled optimized nanoscale morphology. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24992-25002.	10.3	21
6	Effects of morphology evolution on solution-processed small molecule photovoltaics via a solvent additive. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7837-7844.	5.5	16
7	High-efficiency single and tandem fullerene solar cells with asymmetric monofluorinated diketopyrrolopyrrole-based polymer. <i>Journal of Energy Chemistry</i> , 2022, 64, 236-245.	12.9	15
8	Low band gap diketopyrrolopyrrole-based small molecule bulk heterojunction solar cells: influence of terminal side chain on morphology and photovoltaic performance. <i>RSC Advances</i> , 2016, 6, 28658-28665.	3.6	10
9	Band gap tunable benzodithiophene-based donor-rich semi-random A copolymers with active layer thickness tolerance for organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2015, 134, 148-156.	6.2	9
10	Modeling and implementation of tandem polymer solar cells using wide bandgap front cells. , 2020, 2, 131-142.		9
11	Synthesis and characterization of medium band gap polymers with phosphole[3,2- <i>b</i> :4,5- <i>b'</i>]-dithiophene oxide as acceptor unit and their application for polymer photovoltaic devices. <i>Synthetic Metals</i> , 2016, 215, 235-242.	3.9	6
12	The role of cation and anion dopant incorporated into a ZnO electron transporting layer for polymer bulk heterojunction solar cells. <i>RSC Advances</i> , 2019, 9, 37714-37723.	3.6	5