

Chun Huang

List of Publications by Year in descending order

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17
papers

1,678
citations

567281

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docs citations

18
times ranked

3079
citing authors

#	ARTICLE	IF	CITATIONS
1	Perylene-3,4,9,10-tetracarboxylic Acid Diimides: Synthesis, Physical Properties, and Use in Organic Electronics. <i>Journal of Organic Chemistry</i> , 2011, 76, 2386-2407.	3.2	950
2	Acceptor Energy Level Control of Charge Photogeneration in Organic Donor/Acceptor Blends. <i>Journal of the American Chemical Society</i> , 2010, 132, 12919-12926.	13.7	128
3	A α -zinc-zinc-naphthodithiophene core for increased efficiency in solution-processed small molecule solar cells. <i>Chemical Communications</i> , 2012, 48, 8511.	4.1	101
4	Synthesis and Photophysical Properties of Donor- and Acceptor-Substituted 1,7-Bis(arylalkynyl)perylene-3,4:9,10-bis(dicarboximide)s. <i>Journal of Physical Chemistry A</i> , 2009, 113, 5585-5593.	2.5	82
5	Solution-Processable Polyphenylphenyl Dendron Bearing Molecules for Highly Efficient Blue Light-Emitting Diodes. <i>Organic Letters</i> , 2005, 7, 391-394.	4.6	67
6	Tuning the Hole Injection Barrier at the Organic/Metal Interface with Self-Assembled Functionalized Aromatic Thiols. <i>Journal of Physical Chemistry B</i> , 2006, 110, 26075-26080.	2.6	60
7	Dipyrrolo[2,3-b:2',3'-e]pyrazine-2,6(1H,5H)-dione based conjugated polymers for ambipolar organic thin-film transistors. <i>Chemical Communications</i> , 2013, 49, 484-486.	4.1	48
8	Effect of Functional Group (Fluorine) of Aromatic Thiols on Electron Transfer at the Molecule-Metal Interface. <i>Journal of the American Chemical Society</i> , 2006, 128, 935-939.	13.7	47
9	Photophysical Properties of an Alkyne-Bridged Bis(zinc porphyrin)-Perylene Bis(dicarboximide) Derivative. <i>Journal of Physical Chemistry A</i> , 2009, 113, 10826-10832.	2.5	41
10	Photo-induced charge transfer and nonlinear absorption in dyads composed of a two-photon-absorbing donor and a perylene diimide acceptor. <i>Journal of Materials Chemistry</i> , 2011, 21, 16119.	6.7	41
11	Synthesis and thin-film transistor performance of benzodipyrrolinone and bithiophene donor-acceptor copolymers. <i>Journal of Materials Chemistry</i> , 2012, 22, 22282.	6.7	35
12	Polynorbornenes with pendant perylene diimides for organic electronic applications. <i>Polymer Chemistry</i> , 2012, 3, 2996.	3.9	22
13	High-efficiency solution processable electrophosphorescent iridium complexes bearing polyphenylphenyl dendron ligands. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1317-1324.	1.8	20
14	Photoinduced Electron Transfer and Nonlinear Absorption in Poly(carbazole-2,7-fluorene)s Bearing Perylene Diimides as Pendant Acceptors. <i>Journal of Physical Chemistry A</i> , 2012, 116, 4305-4317.	2.5	19
15	Nonlinear Optical Pulse Suppression via Ultrafast Photoinduced Electron Transfer in an Aggregated Perylene Diimide/Oligothiophene Molecular Triad. <i>Journal of Physical Chemistry A</i> , 2014, 118, 110-121.	2.5	17
16	Solution-Processable Polyphenylphenyl Dendron Bearing Molecules for Highly Efficient Blue Light-Emitting Diodes. <i>ChemInform</i> , 2005, 36, no.	0.0	0
17	New Alkoxy-Functionalized Naphthodithiophene-Based Semiconducting Oligomers and Polymers. <i>Israel Journal of Chemistry</i> , 2014, 54, 796-816.	2.3	0