

Tsung-Wei Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

357
citations

1040056

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1199594

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13
docs citations

13
times ranked

585
citing authors

#	ARTICLE	IF	CITATIONS
1	A large interconnecting network within hybrid MEH-PPV/TiO ₂ nanorod photovoltaic devices. Nanotechnology, 2006, 17, 5387-5392.	2.6	113
2	Efficient photoinduced charge transfer in TiO ₂ nanorod/conjugated polymer hybrid materials. Nanotechnology, 2006, 17, 5781-5785.	2.6	63
3	Hybrid poly (3-hexylthiophene)/titanium dioxide nanorods material for solar cell applications. Solar Energy Materials and Solar Cells, 2009, 93, 952-957.	6.2	31
4	Nanostructured polymer blends (P3HT/PMMA): Inorganic titania hybrid photovoltaic devices. Solar Energy Materials and Solar Cells, 2009, 93, 961-965.	6.2	30
5	Effects of bifunctional linker on the performance of P3HT/CdSe quantum dot-linker-ZnO nanocolumn photovoltaic device. Optics Express, 2010, 18, A357.	3.4	29
6	Correlating Interface Heterostructure, Charge Recombination, and Device Efficiency of Poly(3-hexyl) Thiophene/TiO ₂ Nanorod Photovoltaic Devices. ACS Applied Materials, 2011, 3, 107-114.	8.5	27
7	Using scanning probe microscopy to study the effect of molecular weight of poly(3-hexylthiophene) on the performance of poly(3-hexylthiophene):TiO ₂ nanorod photovoltaic devices. Solar Energy Materials and Solar Cells, 2009, 93, 869-873.	6.2	18
8	Effects of bifunctional linker on the optical properties of ZnO nanocolumn-linker-CdSe quantum dots heterostructure. Journal of Colloid and Interface Science, 2011, 358, 323-328.	9.4	15
9	Kelvin Probe Force Microscopy study on hybrid P3HT:titanium dioxide nanorod materials. Chemical Physics Letters, 2009, 479, 105-108.	2.6	14
10	Hybrid poly(3-hexyl thiophene)-TiO ₂ nanorod oxygen sensor. RSC Advances, 2014, 4, 22926.	3.6	8
11	Effects of Additives in an Electrodeposition Bath on the Surface Morphologic Evolution of Electrodeposited Copper. International Journal of Electrochemical Science, 2021, 16, 210245.	1.3	8
12	Effects of Gelatin on Electroplated Copper Through the Use of a Modified-Hydrodynamic Electroplating Test Cell. International Journal of Electrochemical Science, 2021, 16, 210214.	1.3	1
13	Charge separation and transport properties of photovoltaic devices based on MEHPPV/TiO ₂ nanorods hybrid materials. , 2006, , .		0