

Cho Tung Yip

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4362065/publications.pdf>

Version: 2024-02-01

24
papers

1,766
citations

430442

18
h-index

794141

19
g-index

24
all docs

24
docs citations

24
times ranked

2783
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong competition between electromagnetic enhancement and surface-energy-transfer induced quenching in plasmonic dye-sensitized solar cells: A generic yet controllable effect. Nano Energy, 2016, 26, 297-304.	8.2	23
2	Photoluminescence enhancement in few-layer WS ₂ films via Au nanoparticles. AIP Advances, 2015, 5, .	0.6	25
3	Approach to solving spin-boson dynamics via non-Markovian quantum trajectories. Physical Review A, 2014, 90, .	1.0	21
4	High Temperature Crystallization of Free-standing Anatase TiO ₂ Nanotube Membranes for High Efficiency Dye-sensitized Solar Cells. Advanced Functional Materials, 2013, 23, 5952-5960.	7.8	73
5	Hydrogenated TiO ₂ Nanotube Arrays as High-rate Anodes for Lithium-ion Microbatteries. ChemPlusChem, 2012, 77, 991-1000.	1.3	150
6	Open-ended TiO ₂ nanotubes formed by two-step anodization and their application in dye-sensitized solar cells. Nanoscale, 2012, 4, 448-450.	2.8	42
7	Design and coupling of multifunctional TiO ₂ nanotube photonic crystal to nanocrystalline titania layer as semi-transparent photoanode for dye-sensitized solar cell. Energy and Environmental Science, 2012, 5, 9881.	15.6	130
8	Direct and Seamless Coupling of TiO ₂ Nanotube Photonic Crystal to Dye-sensitized Solar Cell: A Single-step Approach. Advanced Materials, 2011, 23, 5624-5628.	11.1	145
9	Photovoltaic Devices: Direct and Seamless Coupling of TiO ₂ Nanotube Photonic Crystal to Dye-Sensitized Solar Cell: A Single-Step Approach (Adv. Mater. 47/2011). Advanced Materials, 2011, 23, 5623-5623.	11.1	2
10	Core-shell ZnO solar cell application. , 2010, , .		2
11	GaN-nanowire-based dye-sensitized solar cells. Applied Physics A: Materials Science and Processing, 2010, 100, 15-19.	1.1	26
12	Surface modification of TiO ₂ and ZnO nanosurfaces and applications. , 2010, , .		1
13	Effect of fabrication processes on bulk heterojunctions (BHJ) photovoltaic device performance. Proceedings of SPIE, 2009, , .	0.8	0
14	Dye-sensitized solar cells based on TiO ₂ nanotube/porous layer mixed morphology. Applied Physics A: Materials Science and Processing, 2008, 92, 589-593.	1.1	33
15	Dye-sensitized solar cells using ZnO tetrapods. Journal of Applied Physics, 2008, 103, 083114.	1.1	77
16	Efficiency enhancement for ZnO tetrapod dye-sensitized solar cells by TiO ₂ coating and ammonium treatment. , 2008, , .		2
17	Photoelectric response of Schottky barrier in La _{0.7} Ca _{0.3} MnO ₃ •Nb:SrTiO ₃ heterojunctions. Applied Physics Letters, 2008, 92, .	1.5	28
18	Titania nanotube array based photovoltaic cells. Proceedings of SPIE, 2007, , .	0.8	0

#	ARTICLE	IF	CITATIONS
19	Layer-by-Layer Deposition of Rhenium-Containing Hyperbranched Polymers and Fabrication of Photovoltaic Cells. <i>Chemistry - A European Journal</i> , 2007, 13, 328-335.	1.7	43
20	Long K-Doped Titania and Titanate Nanowires on Ti Foil and FTO/Quartz Substrates for Solar-Cell Applications. <i>Advanced Functional Materials</i> , 2007, 17, 555-562.	7.8	57
21	Metallated conjugated polymers as a new avenue towards high-efficiency polymer solar cells. <i>Nature Materials</i> , 2007, 6, 521-527.	13.3	555
22	On the efficiency of polymer solar cells. <i>Nature Materials</i> , 2007, 6, 704-705.	13.3	24
23	Tuning the Absorption, Charge Transport Properties, and Solar Cell Efficiency with the Number of Thienyl Rings in Platinum-Containing Poly(aryleneethynylene)s. <i>Journal of the American Chemical Society</i> , 2007, 129, 14372-14380.	6.6	243
24	Titania-nanotube-array-based photovoltaic cells. <i>Applied Physics Letters</i> , 2006, 89, 023508.	1.5	64