Thanh-Tung Duong

List of Publications by Year
in descending order

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Version: 2024-02-01

25	367	1040056	794594
papers	citations	9 h-index	19 g-index

25	25	25	623
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Facile Centrifuge Coating Method for High-Performance CsPbBr3 Compact and Crack-Free Nanocrystal Thin Film Photodetector. Crystals, 2022, 12, 587.	2.2	2
2	Comparative Study on Backlighting Unit Using CsPbBr3 Nanocrystals/KSFM Phosphor + Blue LED and Commercial WLED in Liquid Crystal Display. Journal of Electronic Materials, 2021, 50, 1827-1834.	2.2	7
3	Effect of Magnetic Magnetite (Fe₃O₄) Nanoparticle Size on Arsenic (V) Removal from Water. Journal of Nanoscience and Nanotechnology, 2021, 21, 2576-2581.	0.9	5
4	Low-Dimensional CsPbBr3@CoBr2 Super-Nanowire Structure for Perovskite/PMMA Composite with Highly Blue Emissive Performance. Crystals, 2021, 11, 1564.	2.2	1
5	Production of 5-hydroxymethylfurfural (HMF) from rice-straw biomass using a HSO₃â€“ZSM-5 zeolite catalyst under assistance of sonication. RSC Advances, 2020, 10, 13489-13495.	3.6	27
6	Multistep spinâ€“spray deposition of large-grain-size CH3NH3PbI3 with bilayer structure for conductive-carbon-based perovskite solar cells. Current Applied Physics, 2019, 19, 1266-1270.	2.4	7
7	CNC assisted spray deposition of large grain size CH3NH3PbI3 film for perovskite solar cells. Journal of Materials Science: Materials in Electronics, 2019, 30, 11027-11033.	2.2	6
8	TiO2 coated ZnO nanorods growth using NCD process and their gas sensing properties. Superlattices and Microstructures, 2018, 120, 250-256.	3.1	6
9	Effect of doping concentration and sintering temperature on structure and photoluminescence properties of blue/red emitting bi-phase Eu³⁺/Eu²⁺-doped Sr₅(PO₄)₃Cl/Sr₃(PO₄)₂phosphors. Materials Research Express, 2018, 5, 076516.	1.6	5
10	Achieving High Luminescent Performance K2SiF6:Mn4+ Phosphor by Co-precipitation Process with Controlling the Reaction Temperature. Journal of Electronic Materials, 2018, 47, 4634-4641.	2.2	4
11	Synthesis and Optical Properties of Eu2+ and Eu3+ Doped SrBP Phosphors Prepared by Using a Co-precipitation Method for White Light-Emitting Devices. Journal of Electronic Materials, 2016, 45, 3356-3360.	2.2	8
12	Enhancement of the electrical properties of silver nanowire transparent conductive electrodes by atomic layer deposition coating with zinc oxide. Nanotechnology, 2016, 27, 335202.	2.6	21
13	A facile nonaqueous solution approach to controlling the size of ZnO crystallites and predominant {0001} facets. Journal of Alloys and Compounds, 2016, 686, 854-858.	5.5	4
14	Enhanced reproducibility of the high efficiency perovskite solar cells via a thermal treatment. RSC Advances, 2015, 5, 52571-52577.	3.6	5
15	Enhancement of solar cell efficiency using perovskite dyes deposited via a two-step process. RSC Advances, 2015, 5, 33515-33523.	3.6	6
16	Morphology Control of Pt Counter Electrodes Using a Pt Precursor Solution with H₂PtCl₆Â·xH₂O for Highly Efficient Dye-Sensitized Solar Cells. Journal of the Electrochemical Society, 2014, 161, H166-H171.	2.9	9
17	Zinc doped TiO2 blocking layer grown by nanocluster deposition for improved dye-sensitized solar cell performance. Journal of Alloys and Compounds, 2014, 591, 1-5.	5.5	18
18	Photochemical decoration of silver nanoparticles on graphene oxide nanosheets and their optical characterization. Journal of Alloys and Compounds, 2014, 615, 843-848.	5.5	48

#	Article	IF	Citations
19	Application of polyaniline nanowires electrodeposited on the FTO glass substrate as a counter electrode for low-cost dye-sensitized solar cells. Current Applied Physics, 2014, 14, 1607-1611.	2.4	23
20	Dye-sensitized solar cell based on AZO/Ag/AZO multilayer transparent conductive oxide film. Journal of Alloys and Compounds, 2013, 556, 121-126.	5.5	31
21	Enhancing the efficiency of dye sensitized solar cells with an SnO2 blocking layer grown by nanocluster deposition. Journal of Alloys and Compounds, 2013, 561, 206-210.	5.5	75
22	Enhanced Photoelectrochemical Activity from Visible Light by Growing CdS/ITO Nanocomposites onto Single-Walled Carbon Nanotubes. Journal of the Electrochemical Society, 2013, 160, H192-H196.	2.9	6
23	Crystallized Indium-Tin Oxide Composites Grown onto Single-Walled Carbon Nanotubes at a Low Temperature by Nanocluster Deposition. Journal of the Electrochemical Society, 2012, 159, K111-K115.	2.9	1
24	Ultraviolet response and photoelectrochemical properties of a rutile and anatase mixture grown onto single-wall carbon nanotubes at a low temperature using nano-cluster deposition. Journal of Materials Chemistry, 2011, 21, 16473.	6.7	9
25	Enhanced Photoelectrochemical Activity of the TiO₂/ITO Nanocomposites Grown onto Singleâ€Walled Carbon Nanotubes at a Low Temperature by Nanocluster Deposition. Advanced Materials, 2011, 23, 5557-5562.	21.0	33