

Thanh-Tung Duong

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

367
citations

1040056

9
h-index

794594

19
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25
all docs

25
docs citations

25
times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the efficiency of dye sensitized solar cells with an SnO ₂ blocking layer grown by nanocluster deposition. Journal of Alloys and Compounds, 2013, 561, 206-210.	5.5	75
2	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
3	Enhanced Photoelectrochemical Activity of the TiO ₂ /ITO Nanocomposites Grown onto Single-Walled Carbon Nanotubes at a Low Temperature by Nanocluster Deposition. Advanced Materials, 2011, 23, 5557-5562.	21.0	33
4	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
5	Production of 5-hydroxymethylfurfural (HMF) from rice-straw biomass using a HSO ₃ ˆZSM-5 zeolite catalyst under assistance of sonication. RSC Advances, 2020, 10, 13489-13495.	3.6	27
6	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
7	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
8	Zinc doped TiO ₂ 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
9	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
10	Morphology Control of Pt Counter Electrodes Using a Pt Precursor Solution with H ₂ PtCl ₆ ˆxH ₂ O for Highly Efficient Dye-Sensitized Solar Cells. Journal of the Electrochemical Society, 2014, 161, H166-H171.	2.9	9
11	Synthesis and Optical Properties of Eu ²⁺ and Eu ³⁺ 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	Multistep spinˆspray deposition of large-grain-size CH ₃ NH ₃ PbI ₃ with bilayer structure for conductive-carbon-based perovskite solar cells. Current Applied Physics, 2019, 19, 1266-1270.	2.4	7
13	Comparative Study on Backlighting Unit Using CsPbBr ₃ Nanocrystals/KSFM Phosphor + Blue LED and Commercial WLED in Liquid Crystal Display. Journal of Electronic Materials, 2021, 50, 1827-1834.	2.2	7
14	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
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	TiO ₂ coated ZnO nanorods growth using NCD process and their gas sensing properties. Superlattices and Microstructures, 2018, 120, 250-256.	3.1	6
17	CNC assisted spray deposition of large grain size CH ₃ NH ₃ PbI ₃ film for perovskite solar cells. Journal of Materials Science: Materials in Electronics, 2019, 30, 11027-11033.	2.2	6
18	Enhanced reproducibility of the high efficiency perovskite solar cells via a thermal treatment. RSC Advances, 2015, 5, 52571-52577.	3.6	5

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19	Effect of doping concentration and sintering temperature on structure and photoluminescence properties of blue/red emitting bi-phase $\text{Eu}^{3+}/\text{Eu}^{2+}$ -doped $\text{Sr}_5(\text{PO}_4)_3\text{Cl}/\text{Sr}_3(\text{PO}_4)_2$ phosphors. <i>Materials Research Express</i> , 2018, 5, 076516.	1.6	5
20	Effect of Magnetic Magnetite (Fe_3O_4) Nanoparticle Size on Arsenic (V) Removal from Water. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 2576-2581.	0.9	5
21	A facile nonaqueous solution approach to controlling the size of ZnO crystallites and predominant {0001} facets. <i>Journal of Alloys and Compounds</i> , 2016, 686, 854-858.	5.5	4
22	Achieving High Luminescent Performance $\text{K}_2\text{SiF}_6:\text{Mn}^{4+}$ Phosphor by Co-precipitation Process with Controlling the Reaction Temperature. <i>Journal of Electronic Materials</i> , 2018, 47, 4634-4641.	2.2	4
23	A Facile Centrifuge Coating Method for High-Performance CsPbBr_3 Compact and Crack-Free Nanocrystal Thin Film Photodetector. <i>Crystals</i> , 2022, 12, 587.	2.2	2
24	Crystallized Indium-Tin Oxide Composites Grown onto Single-Walled Carbon Nanotubes at a Low Temperature by Nanocluster Deposition. <i>Journal of the Electrochemical Society</i> , 2012, 159, K111-K115.	2.9	1
25	Low-Dimensional $\text{CsPbBr}_3@\text{CoBr}_2$ Super-Nanowire Structure for Perovskite/PMMA Composite with Highly Blue Emissive Performance. <i>Crystals</i> , 2021, 11, 1564.	2.2	1