

Shu-Ru Chung

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

220
citations

933447

10
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

324
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid-type white LEDs based on inorganic halide perovskite QDs: candidates for wide color gamut display backlights. <i>Photonics Research</i> , 2019, 7, 579.	7.0	46
2	Zn _x Cd _{1-x} S quantum dots-based white light-emitting diodes. <i>Optics Letters</i> , 2013, 38, 2080.	3.3	21
3	Ultrawide Color Gamut Perovskite and CdSe/ZnS Quantum-Dots-Based White Light-Emitting Diode with High Luminous Efficiency. <i>Nanomaterials</i> , 2019, 9, 1314.	4.1	20
4	Promotion of PdCu/C Catalysts for Ethanol Oxidation in Alkaline Solution by SnO ₂ Modifier. <i>ChemCatChem</i> , 2012, 4, 1154-1161.	3.7	16
5	Correlation between surface state and band edge emission of white light Zn _x Cd _{1-x} S nanocrystals. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2664.	5.5	16
6	Developed one-pot synthesis of dual-color CdSe quantum dots for white light-emitting diode application. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3089-3096.	5.5	16
7	Promotion of solid-state lighting for ZnCdSe quantum dot modified-YAG-based white light-emitting diodes. <i>RSC Advances</i> , 2016, 6, 51989-51996.	3.6	12
8	The effect of surface structures and compositions on the quantum yields of highly effective Zn _{0.8} Cd _{0.2} S nanocrystals. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5881-5884.	5.5	11
9	Hybrid YAG/CdSe Quantum Dots Phosphors for White Light-Emitting Diodes. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 4358-4363.	0.9	10
10	Novel red-emission of ternary ZnCdSe semiconductor nanocrystals. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	10
11	Controlling the magic size of white light-emitting CdSe quantum dots. <i>Nanoscale</i> , 2018, 10, 10256-10261.	5.6	10
12	Green Light Emission of Zn _x Cd _{1-x} Se Nanocrystals Synthesized by One-Pot Method. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-9.	2.7	9
13	Full color display fabricated by CdSe bi-color quantum dots-based white light-emitting diodes. <i>Optical Materials Express</i> , 2018, 8, 2677.	3.0	9
14	The structure-dependent quantum yield of ZnCdS nanocrystals. <i>CrystEngComm</i> , 2015, 17, 5032-5037.	2.6	7
15	The application of Zn _{0.8} Cd _{0.2} S nanocrystals in white light emitting diodes devices. <i>RSC Advances</i> , 2015, 5, 87667-87671.	3.6	6
16	Foundations of White Light Quantum Dots. , 2016, , 419-435.		1
17	Emission properties of white light of nanocrystals. , 2011, , .		0
18	The Promotion of the Efficiency of Organic Photovoltaic Devices by Addition of Anisotropic CdSe Nanocrystals. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-8.	2.5	0

#	ARTICLE	IF	CITATIONS
19	The performance of quantum dots-based white light-emitting diodes. , 2017, , .		0
20	Controlling reabsorption effect of bi-color CdSe quantum dots-based white light-emitting diodes. , 2017, , .		0
21	Improving the quantum yield of ultra-small size CdSe quantum dots through Zn doping and silica coating. , 2019, , .		0