Su-Hua Yang

List of Publications by Year
in descending order

34 papers	262 citations	933447 10 h-index	996975 15 g-index
34 all docs	34 docs citations	34 times ranked	291 citing authors

#	Article	IF	Citations
1	Light extraction efficiency of nanostructures on OLED prepared using nanoimprinting and thermal expansion. Applied Surface Science, 2022, 579, 152143.	6.1	1
2	Enhancement on Luminescence of ZnAl₂O₄:Eu³⁺ Phosphor with Carbon Dots Addition. , 2022, , .		0
3	Photoelectric properties of Sr2MgSi2O7: Eu2+ phosphors produced by co-precipitation method. Journal of Luminescence, 2021, 231, 117787.	3.1	13
4	Red Zn2SiO4:Eu3+ and Mg2TiO4:Mn4+ nanophosphors for on-site rapid optical detections: Synthesis and characterization. Applied Physics A: Materials Science and Processing, 2021, 127, 588.	2.3	6
5	High optical contrast and radiant heat blocking properties of hierarchically structured electrodes for electrochromic windows. Journal of Alloys and Compounds, 2021, 882, 160762.	5.5	3
6	Energy Efficient Electrochromic Windows Prepared with Dual WO3-layered Electrodes. , 2021, , .		0
7	Enhancement on electrochromic properties of WO3-based electrode prepared with hierarchical ZnO nanobricks. Vacuum, 2020, 179, 109460.	3.5	15
8	Rapid switching of composite electrode prepared with a hierarchical organic-inorganic p-n heterojunction and a nanorock layer. Journal of Alloys and Compounds, 2020, 827, 154387.	5.5	3
9	High color stability white OLED with an exterior sandwiched color conversion layer. Vacuum, 2019, 168, 108841.	3.5	7
10	Electron Thermionic Field Emission and Flow Model of Rapid-Switching Energy-Saving Electrochromic WO₃/ZnO Core-Shell Nanorod Channels. Journal of the Electrochemical Society, 2019, 166, H70-H76.	2.9	11
11	Versatile deep-red Mg2TiO4:Mn4+ phosphor for photoluminescence, thermometry, and latent fingerprint visualization. Journal of Alloys and Compounds, 2019, 801, 394-401.	5.5	37
12	Luminescence enhancement of spherical Sr3La(PO4)3:Eu3+ red nanophosphor with coreâ€“shell configuration and added sensitizer for low-voltage field-emission lamp. Journal of Alloys and Compounds, 2019, 783, 785-792.	5.5	6
13	Tunneling Injection and Exciton Diffusion of White Organic Light-Emitting Diodes with Composed Buffer Layers. Journal of Electronic Materials, 2018, 47, 1232-1238.	2.2	4
14	Thermometry of red nanoflaked SrAl12O19:Mn4+ synthesized with boric acid flux. Ceramics International, 2018, 44, 11665-11673.	4.8	26
15	Electron emission enhancement of long hybrid emitters prepared using ZnO nanowires decorated with Zn nanoflakes. Applied Surface Science, 2018, 433, 639-646.	6.1	8
16	High color rendering index and directional emission of white OLEDs using nanorod waveguide channels. Journal of Luminescence, 2018, 201, 402-409.	3.1	5
17	Luminescence enhancement of SrZn2(PO4)2:Eu2+,Mn2+ phosphor co-doped with Al3+. Journal of Alloys and Compounds, 2017, 695, 2757-2763.	5.5	13
18	Effects of the Concentration of Eu3+ Ions and Synthesizing Temperature on the Luminescence Properties of Sr2â^'xEuxZnMoO6 Phosphors. Applied Sciences (Switzerland), 2017, 7, 30.	2.5	20

#	Article	IF	Citations
19	XPS analysis and luminescence mechanism of white SrZn2(PO4)2:Eu2+,Mn2+ phosphor with In3+ sensitizer. Journal of Alloys and Compounds, 2016, 684, 461-465.	5.5	15
20	Energy transfer mechanism and luminescence properties of color tunable LaPO4:Tm,Eu phosphor. Ceramics International, 2015, 41, 8211-8215.	4.8	19
21	Stable Electron Emission from ZnO Nanoemitters Grown with Pseudo-Catalyst. Materials Research Society Symposia Proceedings, 2014, 1707, 56.	0.1	0
22	Luminescence enhancement and potential application of sky-blue sulfide phosphor doped with promoter. Journal of Solid State Electrochemistry, 2014, 18, 89-95.	2.5	2
23	Improvement of the Luminescence of Red LaPO4:Eu Nanophosphors for a Near-UV LED. Journal of Electronic Materials, 2014, 43, 3593-3600.	2.2	9
24	Color-tunable and stable-efficiency white organic light-emitting diode fabricated with fluorescent-phosphorescent emission layers. Journal of Luminescence, 2013, 142, 86-91.	3.1	10
25	White organic light-emitting diode fabricated with fluorescent-phosphorescent emission layers. , 2013, , .		0
26	Nano photoelectric material structures — Photonic crystals. , 2013, , .		2
27	Characterizations of white-light ZnWO4 phosphor prepared by blending complementary phosphor. Journal of Solid State Electrochemistry, 2010, 14, 937-943.	2.5	12
28	Incomplete Energy Transfer in PVK:OPA3008:MEH-PPV Blends. Journal of Electronic Materials, 2008, 37, 1681-1685.	2.2	3
29	The crystallinity and the luminescence properties of Eu³⁺-doped ZnO phosphors. , 2007, , .		1
30	Optical properties of ZnO:Ce prepared by solid-state sintering method. , 2007, , .		0
31	Use of Anisotropic Laser Etching and Transparent Conducting Layer to Alleviate Current Crowding Effect in Vertical-Structured GaN-Based Light-Emitting Diodes. , 2006, , .		0
32	Fabrication of High-Power Vertical GaN-Based Light-Emitting Diodes with Selective Nickel Electroplating and Patterned Laser Lift-Off Techniques. , 2006, , .		0
33	Indium- and tungsten-doped ZnGa2O4 phosphor. Journal of Electronic Materials, 2004, 33, L1-L4.	2.2	8
34	Cathodoluminescence of blue ZnGa2O4 with In2O3-mixed phosphor. Journal of Electronic Materials, 2002, 31, 248-252.	2.2	3