

# Su-Hua Yang

## List of Publications by Year in descending order

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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	Versatile deep-red Mg <sub>2</sub> TiO <sub>4</sub> :Mn <sup>4+</sup> phosphor for photoluminescence, thermometry, and latent fingerprint visualization. <i>Journal of Alloys and Compounds</i> , 2019, 801, 394-401.	5.5	37
2	Thermometry of red nanoflaked SrAl <sub>12</sub> O <sub>19</sub> :Mn <sup>4+</sup> synthesized with boric acid flux. <i>Ceramics International</i> , 2018, 44, 11665-11673.	4.8	26
3	Effects of the Concentration of Eu <sup>3+</sup> Ions and Synthesizing Temperature on the Luminescence Properties of Sr <sub>2</sub> xEuZnMoO <sub>6</sub> Phosphors. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 30.	2.5	20
4	Energy transfer mechanism and luminescence properties of color tunable LaPO <sub>4</sub> :Tm,Eu phosphor. <i>Ceramics International</i> , 2015, 41, 8211-8215.	4.8	19
5	XPS analysis and luminescence mechanism of white SrZn <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> :Eu <sup>2+</sup> ,Mn <sup>2+</sup> phosphor with In <sup>3+</sup> sensitizer. <i>Journal of Alloys and Compounds</i> , 2016, 684, 461-465.	5.5	15
6	Enhancement on electrochromic properties of WO <sub>3</sub> -based electrode prepared with hierarchical ZnO nanobricks. <i>Vacuum</i> , 2020, 179, 109460.	3.5	15
7	Luminescence enhancement of SrZn <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> :Eu <sup>2+</sup> ,Mn <sup>2+</sup> phosphor co-doped with Al <sup>3+</sup> . <i>Journal of Alloys and Compounds</i> , 2017, 695, 2757-2763.	5.5	13
8	Photoelectric properties of Sr <sub>2</sub> MgSi <sub>2</sub> O <sub>7</sub> : Eu <sup>2+</sup> phosphors produced by co-precipitation method. <i>Journal of Luminescence</i> , 2021, 231, 117787.	3.1	13
9	Characterizations of white-light ZnWO <sub>4</sub> phosphor prepared by blending complementary phosphor. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 937-943.	2.5	12
10	Electron Thermionic Field Emission and Flow Model of Rapid-Switching Energy-Saving Electrochromic WO <sub>3</sub> /ZnO Core-Shell Nanorod Channels. <i>Journal of the Electrochemical Society</i> , 2019, 166, H70-H76.	2.9	11
11	Color-tunable and stable-efficiency white organic light-emitting diode fabricated with fluorescent-phosphorescent emission layers. <i>Journal of Luminescence</i> , 2013, 142, 86-91.	3.1	10
12	Improvement of the Luminescence of Red LaPO <sub>4</sub> :Eu Nanophosphors for a Near-UV LED. <i>Journal of Electronic Materials</i> , 2014, 43, 3593-3600.	2.2	9
13	Indium- and tungsten-doped ZnGa <sub>2</sub> O <sub>4</sub> phosphor. <i>Journal of Electronic Materials</i> , 2004, 33, L1-L4.	2.2	8
14	Electron emission enhancement of long hybrid emitters prepared using ZnO nanowires decorated with Zn nanoflakes. <i>Applied Surface Science</i> , 2018, 433, 639-646.	6.1	8
15	High color stability white OLED with an exterior sandwiched color conversion layer. <i>Vacuum</i> , 2019, 168, 108841.	3.5	7
16	Luminescence enhancement of spherical Sr <sub>3</sub> La(PO <sub>4</sub> ) <sub>3</sub> :Eu <sup>3+</sup> red nanophosphor with core-shell configuration and added sensitizer for low-voltage field-emission lamp. <i>Journal of Alloys and Compounds</i> , 2019, 783, 785-792.	5.5	6
17	Red Zn <sub>2</sub> SiO <sub>4</sub> :Eu <sup>3+</sup> and Mg <sub>2</sub> TiO <sub>4</sub> :Mn <sup>4+</sup> nanophosphors for on-site rapid optical detections: Synthesis and characterization. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 588.	2.3	6
18	High color rendering index and directional emission of white OLEDs using nanorod waveguide channels. <i>Journal of Luminescence</i> , 2018, 201, 402-409.	3.1	5

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19	Tunneling Injection and Exciton Diffusion of White Organic Light-Emitting Diodes with Composed Buffer Layers. <i>Journal of Electronic Materials</i> , 2018, 47, 1232-1238.	2.2	4
20	Cathodoluminescence of blue ZnGa <sub>2</sub> O <sub>4</sub> with In <sub>2</sub> O <sub>3</sub> -mixed phosphor. <i>Journal of Electronic Materials</i> , 2002, 31, 248-252.	2.2	3
21	Incomplete Energy Transfer in PVK:OPA3008:MEH-PPV Blends. <i>Journal of Electronic Materials</i> , 2008, 37, 1681-1685.	2.2	3
22	Rapid switching of composite electrode prepared with a hierarchical organic-inorganic p-n heterojunction and a nanorock layer. <i>Journal of Alloys and Compounds</i> , 2020, 827, 154387.	5.5	3
23	High optical contrast and radiant heat blocking properties of hierarchically structured electrodes for electrochromic windows. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160762.	5.5	3
24	Nano photoelectric material structures &#x2014; Photonic crystals. , 2013, , .		2
25	Luminescence enhancement and potential application of sky-blue sulfide phosphor doped with promoter. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 89-95.	2.5	2
26	The crystallinity and the luminescence properties of Eu <sup>3+</sup> -doped ZnO phosphors. , 2007, , .		1
27	Light extraction efficiency of nanostructures on OLED prepared using nanoimprinting and thermal expansion. <i>Applied Surface Science</i> , 2022, 579, 152143.	6.1	1
28	Use of Anisotropic Laser Etching and Transparent Conducting Layer to Alleviate Current Crowding Effect in Vertical-Structured GaN-Based Light-Emitting Diodes. , 2006, , .		0
29	Fabrication of High-Power Vertical GaN-Based Light-Emitting Diodes with Selective Nickel Electroplating and Patterned Laser Lift-Off Techniques. , 2006, , .		0
30	Optical properties of ZnO:Ce prepared by solid-state sintering method. , 2007, , .		0
31	White organic light-emitting diode fabricated with fluorescent-phosphorescent emission layers. , 2013, , .		0
32	Stable Electron Emission from ZnO Nanoemitters Grown with Pseudo-Catalyst. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1707, 56.	0.1	0
33	Energy Efficient Electrochromic Windows Prepared with Dual WO <sub>3</sub> -layered Electrodes. , 2021, , .		0
34	Enhancement on Luminescence of ZnAl <sub>2</sub> O <sub>4</sub> :Eu <sup>3+</sup> Phosphor with Carbon Dots Addition. , 2022, , .		0