

Heng Guo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2089773/publications.pdf>

Version: 2024-02-01

17
papers

2,183
citations

516710

16
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	Bright tunable white-light emissions from Bi ³⁺ /Eu ³⁺ co-doped Ba ₂ Y ₅ B ₅ O ₁₇ phosphors via energy transfer for UV-excited white light-emitting diodes. <i>Journal of Luminescence</i> , 2020, 226, 117474.	3.1	38
2	A novel highly efficient single-composition tunable white-light-emitting LiCa ₃ MgV ₃ O ₁₂ :Eu ³⁺ phosphor. <i>Dyes and Pigments</i> , 2018, 154, 82-86.	3.7	109
3	Ce ³⁺ and Tb ³⁺ doped Ca ₃ Gd(AlO) ₃ (BO ₃) ₄ phosphors: synthesis, tunable photoluminescence, thermal stability, and potential application in white LEDs. <i>RSC Advances</i> , 2018, 8, 9879-9886.	3.6	29
4	Synthesis and photoluminescence properties of novel highly thermal-stable red-emitting Na ₃ Sc ₂ (PO ₄) ₃ :Eu ³⁺ phosphors for UV-excited white-light-emitting diodes. <i>Journal of Alloys and Compounds</i> , 2018, 741, 300-306.	5.5	247
5	Finding a novel highly efficient Mn ⁴⁺ -activated Ca ₃ La ₂ W ₂ O ₁₂ far-red emitting phosphor with excellent responsiveness to phytochrome PFR: Towards indoor plant cultivation application. <i>Dyes and Pigments</i> , 2018, 152, 36-42.	3.7	231
6	Novel Na ₃ Sc ₂ (PO ₄) ₃ :Ce ³⁺ , Tb ³⁺ phosphors for white LEDs: Tunable blue-green color emission, high quantum efficiency and excellent thermal stability. <i>Dyes and Pigments</i> , 2018, 151, 81-88.	3.7	142
7	High-efficiency and thermal-stable Ca ₃ La(GaO) ₃ (BO ₃) ₄ :Eu ³⁺ red phosphors excited by near-UV light for white LEDs. <i>Dyes and Pigments</i> , 2018, 157, 40-46.	3.7	101
8	Energy transfer and color-tunable luminescence properties of Dy ³⁺ and Eu ³⁺ co-doped Na ₃ Sc ₂ (PO ₄) ₃ phosphors for near-UV LED-based warm white LEDs. <i>Dyes and Pigments</i> , 2018, 156, 8-16.	3.7	75
9	Energy transfer and tunable photoluminescence of LaBWO ₆ :Tb ³⁺ , Eu ³⁺ phosphors for near-UV white LEDs. <i>Dyes and Pigments</i> , 2018, 150, 67-72.	3.7	201
10	A novel Sm ³⁺ singly doped LiCa ₃ ZnV ₃ O ₁₂ phosphor: a potential luminescent material for multifunctional applications. <i>RSC Advances</i> , 2018, 8, 33403-33413.	3.6	59
11	Synthesis, structure, and luminescence characteristics of far-red emitting Mn ⁴⁺ -activated LaScO ₃ perovskite phosphors for plant growth. <i>RSC Advances</i> , 2018, 8, 33035-33041.	3.6	8
12	Synthesis and photoluminescence properties of deep red-emitting CaGdAlO ₄ :Mn ⁴⁺ phosphors for plant growth LEDs. <i>Journal of Luminescence</i> , 2018, 203, 371-375.	3.1	97
13	High-brightness and high-color purity red-emitting Ca ₃ Lu(AlO) ₃ (BO ₃) ₄ :Eu ³⁺ phosphors with internal quantum efficiency close to unity for near-ultraviolet-based white-light-emitting diodes. <i>Optics Letters</i> , 2018, 43, 1307.	3.3	190
14	Photoluminescence properties of a novel rare-earth-free red-emitting Ca ₃ Y(AlO) ₃ (BO ₃) ₄ :Mn ⁴⁺ phosphor for white LEDs application. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 12972-12977.	2.2	21
15	Molybdenum-doping-induced photoluminescence enhancement in Eu ³⁺ -activated CaWO ₄ red-emitting phosphors for white light-emitting diodes. <i>Dyes and Pigments</i> , 2017, 143, 86-94.	3.7	243
16	Eu ³⁺ -activated Na ₂ Gd(PO ₄)(MoO ₄): A novel high-brightness red-emitting phosphor with high color purity and quantum efficiency for white light-emitting diodes. <i>Journal of Alloys and Compounds</i> , 2017, 720, 29-38.	5.5	224
17	Synthesis, photoluminescence, cathodoluminescence, and thermal properties of novel Tb ³⁺ -doped BiOCl green-emitting phosphors. <i>Journal of Alloys and Compounds</i> , 2017, 695, 2773-2780.	5.5	168