

# Heng Guo

## List of PR Articles by Year in descending order

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#	ARTICLE	IF	PR CITATIONS
1	Bright tunable white-light emissions from Bi <sup>3+</sup> /Eu <sup>3+</sup> co-doped Ba <sub>2</sub> Y <sub>5</sub> B <sub>5</sub> O <sub>17</sub> phosphors via energy transfer for UV-excited white light-emitting diodes. <i>Journal of Luminescence</i> , 2020, 226, 117474.	3.6	54
2	A novel highly efficient single-composition tunable white-light-emitting LiCa <sub>3</sub> MgV <sub>3</sub> O <sub>12</sub> :Eu <sup>3+</sup> phosphor. <i>Dyes and Pigments</i> , 2018, 154, 82-86.	4.0	128
3	Ce <sup>3+</sup> and Tb <sup>3+</sup> doped Ca <sub>3</sub> Gd(AlO) <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> phosphors: synthesis, tunable photoluminescence, thermal stability, and potential application in white LEDs. <i>RSC Advances</i> , 2018, 8, 9879-9886.	4.4	39
4	Synthesis and photoluminescence properties of novel highly thermal-stable red-emitting Na <sub>3</sub> Sc <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> :Eu <sup>3+</sup> phosphors for UV-excited white-light-emitting diodes. <i>Journal of Alloys and Compounds</i> , 2018, 741, 300-306.	6.0	290
5	Finding a novel highly efficient Mn <sup>4+</sup> -activated Ca <sub>3</sub> La <sub>2</sub> W <sub>2</sub> O <sub>12</sub> far-red emitting phosphor with excellent responsiveness to phytochrome PFR: Towards indoor plant cultivation application. <i>Dyes and Pigments</i> , 2018, 152, 36-42.	4.0	274
6	Novel Na <sub>3</sub> Sc <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> :Ce <sup>3+</sup> , Tb <sup>3+</sup> 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.	4.0	162
7	High-efficiency and thermal-stable Ca <sub>3</sub> La(GaO) <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> :Eu <sup>3+</sup> red phosphors excited by near-UV light for white LEDs. <i>Dyes and Pigments</i> , 2018, 157, 40-46.	4.0	123
8	Energy transfer and color-tunable luminescence properties of Dy <sup>3+</sup> and Eu <sup>3+</sup> co-doped Na <sub>3</sub> Sc <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> phosphors for near-UV LED-based warm white LEDs. <i>Dyes and Pigments</i> , 2018, 156, 8-16.	4.0	95
9	Energy transfer and tunable photoluminescence of LaBWO <sub>6</sub> :Tb <sup>3+</sup> , Eu <sup>3+</sup> phosphors for near-UV white LEDs. <i>Dyes and Pigments</i> , 2018, 150, 67-72.	4.0	225
10	A novel Sm <sup>3+</sup> singly doped LiCa <sub>3</sub> ZnV <sub>3</sub> O <sub>12</sub> phosphor: a potential luminescent material for multifunctional applications. <i>RSC Advances</i> , 2018, 8, 33403-33413.	4.4	78
11	Synthesis, structure, and luminescence characteristics of far-red emitting Mn <sup>4+</sup> -activated LaScO <sub>3</sub> perovskite phosphors for plant growth. <i>RSC Advances</i> , 2018, 8, 33035-33041.	4.4	10
12	Synthesis and photoluminescence properties of deep red-emitting CaGdAlO <sub>4</sub> :Mn <sup>4+</sup> phosphors for plant growth LEDs. <i>Journal of Luminescence</i> , 2018, 203, 371-375.	3.6	112
13	High-brightness and high-color purity red-emitting Ca <sub>3</sub> Lu(AlO) <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> :Eu <sup>3+</sup> phosphors with internal quantum efficiency close to unity for near-ultraviolet-based white-light-emitting diodes. <i>Optics Letters</i> , 2018, 43, 1307.	3.0	221
14	Photoluminescence properties of a novel rare-earth-free red-emitting Ca <sub>3</sub> Y(AlO) <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> :Mn <sup>4+</sup> phosphor for white LEDs application. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 12972-12977.	2.1	23
15	Molybdenum-doping-induced photoluminescence enhancement in Eu <sup>3+</sup> -activated CaWO <sub>4</sub> red-emitting phosphors for white light-emitting diodes. <i>Dyes and Pigments</i> , 2017, 143, 86-94.	4.0	274
16	Eu <sup>3+</sup> -activated Na <sub>2</sub> Gd(PO <sub>4</sub> )(MoO <sub>4</sub> ): 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.	6.0	265
17	Synthesis, photoluminescence, cathodoluminescence, and thermal properties of novel Tb <sup>3+</sup> -doped BiOCl green-emitting phosphors. <i>Journal of Alloys and Compounds</i> , 2017, 695, 2773-2780.	6.0	185