

Zhuowei Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8317649/publications.pdf>

Version: 2024-02-01

21
papers

329
citations

840585

11
h-index

839398

18
g-index

21
all docs

21
docs citations

21
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel rare earth free phosphors $\text{CsMg}_2\text{P}_3\text{O}_{10}$: Mn^{2+} with efficient and ultra-broadband red emission for plant growth LEDs. <i>Journal of the American Ceramic Society</i> , 2022, 105, 4719-4730.	1.9	14
2	Site-selective occupation and luminescence property investigation of $\text{Ca}_{18}\text{Na}_3\text{Y}(\text{PO}_4)_4$: Eu^{2+} phosphor for full-spectrum LED. <i>Journal of the American Ceramic Society</i> , 2022, 105, 6449-6461.	1.9	10
3	Controllable luminescence and efficient energy transfer investigation of a novel white light emission phosphor $\text{Ca}_{19}\text{Na}_2\text{Mg}(\text{PO}_4)_{14}$: Dy^{3+} , Tm^{3+} with high thermal stability. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 248, 119181.	2.0	12
4	Structure evolution and tunable magneto-optical multifunctional property study of novel $\text{Ca}_{18}\text{K}_3\text{Sc}_2\text{Sm}_x(\text{PO}_4)_4$ phosphors. <i>Journal of the American Ceramic Society</i> , 2021, 104, 2655-2668.	1.9	5
5	Local structure modification for identifying the site preference and characteristic luminescence property of Eu^{2+} ions in full-color emission phosphors $\text{Sr}_{18}\text{Mg}_3(\text{PO}_4)_{14}:\text{Eu}^{2+}$. <i>Journal of Alloys and Compounds</i> , 2021, 862, 158634.	2.8	14
6	Synthesis and luminescent properties of Sr_2SnO_4 : Pr^{3+} , M^+ ($\text{M}=\text{Li}$, Na and K) phosphors with layered perovskite-related structure. <i>Journal of Luminescence</i> , 2020, 226, 117423.	1.5	16
7	Novel orange phosphate phosphors $\text{Sr}_{19}\text{Mg}_2(\text{PO}_4)_{14}:\text{Eu}^{2+}$: crystal structure, luminescence and thermal quenching property investigation. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 7164-7171.	1.1	4
8	Structure identification and strongly enhanced luminescence of $\text{Sr}_9\text{Y}_2(\text{WO}_6)_4$: Mn^{4+} phosphors by co-doping Mg^{2+} ions for plant growth LEDs. <i>Journal of Luminescence</i> , 2020, 223, 117235.	1.5	16
9	Synthesis, Luminescence Property and Thermal Quenching Investigation of Eulytite-type Orthophosphates $\text{Ba}_7\text{Hf}(\text{PO}_4)_6$: Eu^{3+} Phosphor. <i>ECS Journal of Solid State Science and Technology</i> , 2019, 8, R133-R137.	0.9	3
10	Synthesis and Photoluminescence Properties of Double Perovskite Phosphor $\text{Ba}_6\text{Y}_2\text{W}_3\text{O}_{18}$: Mg^{2+} , Mn^{4+} for Plant Cultivation. <i>ECS Journal of Solid State Science and Technology</i> , 2019, 8, R119-R126.	0.9	3
11	Highly Eu^{3+} ions doped novel red emission solid solution phosphors $\text{Ca}_{18}\text{Li}_3(\text{Bi,Eu})(\text{PO}_4)_4$: structure design, characteristic luminescence and abnormal thermal quenching behavior investigation. <i>Dalton Transactions</i> , 2019, 48, 1624-1632.	1.6	78
12	Novel layered niobate phosphors $\text{SrBaNb}_4\text{O}_{12}:\text{Re}^{3+}$ ($\text{Re}=\text{Eu}$, Dy , Sm and Pr): Crystal structure, electronic structure and luminescence property investigation. <i>Journal of Luminescence</i> , 2019, 211, 76-81.	1.5	17
13	Synthesis and luminescent properties investigation of novel red emission phosphors $\text{Ca}_7\text{Zn}_2(\text{PO}_4)_6$: Re^{3+} ($\text{Re}=\text{Eu}$, Sm and Pr). <i>Journal of Molecular Structure</i> , 2019, 1181, 203-208.	1.8	7
14	Novel red-emitting phosphor $\text{Ba}_3\text{ZrNb}_4\text{O}_{15}:\text{Pr}^{3+}$: The structure, characteristic photoluminescence property and thermal quenching behaviour investigation. <i>Materials Research Bulletin</i> , 2018, 104, 173-178.	2.7	18
15	Novel thermal stable Sm^{3+} doped barium hafnium phosphate red phosphor: the synthesis and characteristic luminescent property investigation. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4895-4899.	1.1	8
16	A novel temperature sensitive Sm^{3+} doped niobate orange-red phosphor: The synthesis and characteristic luminescent property investigation. <i>Journal of Luminescence</i> , 2018, 196, 32-35.	1.5	42
17	Crystal structure and characteristic luminescence properties investigation of novel red-emitting phosphor $\text{Na}_3\text{MgZr}(\text{PO}_4)_3$: Eu^{3+} for white light-emitting diodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 2216-2221.	1.1	11
18	Efficient and controllable photoluminescence in novel solid solution $\text{Ca}_{1-x}\text{Sr}_x\text{Hf}_4(\text{PO}_4)_6$: Eu^{2+} phosphors with high thermal stability for white light emitting diodes. <i>CrystEngComm</i> , 2018, 20, 4383-4394.	1.3	34

#	ARTICLE	IF	CITATIONS
19	Synthesis, Luminescence Property and Thermal Quenching Investigation of Niobate Phosphors Ba ₃ ZrNb ₄ O ₁₅ :Eu ³⁺ under Multiple Excitations. ECS Journal of Solid State Science and Technology, 2018, 7, R94-R98.	0.9	3
20	Electronic structure and photoluminescence property of a novel white emission phosphor Na ₃ MgZr(PO ₄) ₃ :Dy ³⁺ for warm white light emitting diodes. Chinese Physics B, 2017, 26, 097801.	0.7	4
21	Thermal stable red phosphor Sm ³⁺ doped Na ₃ MgZr(PO ₄) ₃ : the synthesis, site occupation and photoluminescence property investigation. Journal of Materials Science: Materials in Electronics, 2017, 28, 19134-19138.	1.1	10