

# Yuhan Ren

## List of Publications by Year in descending order

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14  
papers

242  
citations

933447

10  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

186  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recycling of solid wastes ferrochromium slag for preparation of eco-friendly high-strength spinel corundum ceramics. <i>Materials Chemistry and Physics</i> , 2020, 239, 122060.	4.0	12
2	Investigation of luminescence properties and energy transfer in Sm <sup>3+</sup> and Eu <sup>3+</sup> co-doped Sr <sub>3</sub> Y(BO <sub>3</sub> ) <sub>3</sub> red phosphors. <i>Optics and Laser Technology</i> , 2020, 122, 105857.	4.6	26
3	Structure, luminescence, properties and energy transfer of Dy <sup>3+</sup> and Eu <sup>3+</sup> codoped Ca <sub>4</sub> LaO(BO <sub>3</sub> ) <sub>3</sub> phosphor. <i>Journal of Alloys and Compounds</i> , 2020, 822, 153562.	5.5	11
4	A novel white Ba <sub>3-y</sub> Sr <sub>y</sub> Y <sub>1-x</sub> (BO <sub>3</sub> ) <sub>3</sub> :xDy <sup>3+</sup> phosphor with lower correlated color temperature and superior thermal stability. <i>Journal of Solid State Chemistry</i> , 2020, 292, 121744.	2.9	6
5	Preparation of glass shell fly ash-clay based lightweight aggregate with low water absorption by using sodium carbonate solution as binder. <i>Materials Chemistry and Physics</i> , 2020, 256, 123606.	4.0	14
6	Luminescence properties and energy transfer of LaAl <sub>2.03</sub> (B <sub>4</sub> O <sub>10</sub> )O <sub>0.54</sub> : Dy <sup>3+</sup> , Eu <sup>3+</sup> phosphors. <i>Materials Chemistry and Physics</i> , 2020, 243, 122623.	4.0	9
7	Luminescent properties and energy transfer in novel single-phase multicolor tunable Sr <sub>3</sub> Y(BO <sub>3</sub> ) <sub>3</sub> :Tb <sup>3+</sup> ,Eu <sup>3+</sup> phosphors. <i>Journal of Alloys and Compounds</i> , 2019, 805, 12-18.	5.5	29
8	Mechanism of low temperature sintered high-strength ferric-rich ceramics using bauxite tailings. <i>Materials Chemistry and Physics</i> , 2019, 238, 121929.	4.0	28
9	Effect mechanism of spinel (MgAl <sub>2</sub> O <sub>4</sub> ) reinforced corundum ceramics on microstructure and properties. <i>Journal of Alloys and Compounds</i> , 2019, 793, 146-154.	5.5	15
10	Effects of pyrolusite and dolomite co-additives on the structure and properties of bauxite-based ceramics. <i>Materials Chemistry and Physics</i> , 2019, 230, 207-214.	4.0	12
11	Preparation and characterization of high silicon ceramic proppants using low grade bauxite and fly ash. <i>Materials Chemistry and Physics</i> , 2019, 230, 355-361.	4.0	21
12	Tunable color of Tb <sup>3+</sup> /Eu <sup>3+</sup> /Tm <sup>3+</sup> -coactivated K <sub>3</sub> La(PO <sub>4</sub> ) <sub>2</sub> via energy transfer: A single-phase white-emitting phosphor. <i>Optics and Laser Technology</i> , 2019, 115, 176-185.	4.6	42
13	Synthesis and luminescent properties of a novel orange-red Ba <sub>3</sub> Y(BO <sub>3</sub> ) <sub>3</sub> :Sm <sup>3+</sup> phosphors for white LEDs. <i>Polyhedron</i> , 2019, 164, 17-22.	2.2	16
14	Sintering behavior and morphology control of porous Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> ceramics for radome applications. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 1-10.	2.1	1