Rongfu Zhou

List of Publications by Year
in descending order

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20	541	759233 12	752698 20
papers	citations	h-index	g-index

20	20	20	665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Defect-related luminescence behavior of a Mn⁴⁺ non-equivalently doped fluoroantimonate red phosphor. Dalton Transactions, 2022, 51, 608-617.	3.3	9
2	Spectroscopic investigations and density functional theory calculations reveal differences in retention mechanisms of lead and copper on chemically-modified phytolith-rich biochars. Chemosphere, 2022, 301, 134590.	8.2	6
3	Disorder-Induced Broadband Near-Infrared Persistent and Photostimulated Luminescence in Mg₂SnO₄:Cr³⁺. Inorganic Chemistry, 2021, 60, 2219-2227.	4.0	25
4	Constructing sensitive luminescent thermometers via energy transfer in Ce³⁺ and Eu²⁺ co-doped Ca₈Mg₃Al₂Si₇O₂₈ phosphors. Materials Chemistry Frontiers, 2021, 5, 6071-6081.	5.9	17
5	Enhanced thermal stability and afterglow performance in Sr₂Ga_{2â˜'x}Al_xSiO₇:Ce³⁺ phosphors via band gap tailoring. Inorganic Chemistry Frontiers, 2021, 9, 23-34.	6.0	9
6	Site Occupancies, VUV-UVâ€“vis Photoluminescence, and X-ray Radioluminescence of Eu²⁺-Doped RbBaPO₄. Inorganic Chemistry, 2020, 59, 17421-17429.	4.0	12
7	The stability of coordination polyhedrons and distribution of europium ions in Ca₆BaP₄O₁₇. Physical Chemistry Chemical Physics, 2020, 22, 22096-22106.	2.8	6
8	Host Differential Sensitization toward Color/Lifetimeâ€Tuned Lanthanide Coordination Polymers for Optical Multiplexing. Angewandte Chemie - International Edition, 2020, 59, 23810-23816.	13.8	42
9	Host Differential Sensitization toward Color/Lifetimeâ€Tuned Lanthanide Coordination Polymers for Optical Multiplexing. Angewandte Chemie, 2020, 132, 24018-24024.	2.0	13
10	The defect aggregation of RE3+ (REâ€¯=â€¯Y, La âˆ¼ Lu) in MF2 (Mâ€¯=â€¯Ca, Sr, Ba) fluorites. Materials Research Bulletin, 2020, 125, 110788.	5.2	25
11	Luminescence tuning of Ce3+, Pr3+ activated (Y,Gd)AGG system by band gap engineering and energy transfer. Journal of Rare Earths, 2020, 38, 514-522.	4.8	14
12	Heterostructured Ni(OH)₂/Ni₃S₂ Supported on Ni Foam as Highly Efficient and Durable Bifunctional Electrodes for Overall Water Electrolysis. Energy & Fuels, 2019, 33, 12052-12062.	5.1	42
13	Multi-site occupancies of Eu2+ in Ca6BaP4O17 and their potential optical thermometric applications. Chemical Engineering Journal, 2019, 369, 376-385.	12.7	92
14	High-pressure synthesis, crystal structure, and magnetic properties of hexagonal Ba3CuOs2O9. Journal of Solid State Chemistry, 2019, 272, 182-188.	2.9	4
15	Co9S8â€“Ni3S2 heterointerfaced nanotubes on Ni foam as highly efficient and flexible bifunctional electrodes for water splitting. Electrochimica Acta, 2019, 299, 152-162.	5.2	82
16	Insight into Eu redox and Pr³⁺ 5d emission in KSrPO₄ by VRBE scheme construction. Dalton Transactions, 2018, 47, 306-313.	3.3	19
17	Site Occupation of Eu²⁺ in Ba_{2â€“x}Sr_xSiO₄ (x = 0â€“1.9) and Origin of Improved Luminescence Thermal Stability in the Intermediate Composition. Inorganic Chemistry, 2018, 57, 7090-7096.	4.0	42
18	Site occupation and photoluminescence properties of Ce 3+ in Sr 4 Ca 4 La 2 (PO 4) 6 O 2 : Experiments and ab initio calculations. Optical Materials, 2017, 66, 1-7.	3.6	3

#	Article	IF	Citations
19	The Effect of Sr²⁺ on Luminescence of Ce³⁺-Doped (Ca,Sr)₂Al₂SiO₇. Inorganic Chemistry, 2017, 56, 12476-12484.	4.0	26
20	Host-sensitized luminescence of Dy³⁺ in LuNbO₄ under ultraviolet light and low-voltage electron beam excitation: energy transfer and white emission. Journal of Materials Chemistry C, 2017, 5, 9012-9020.	5.5	53