

Rongfu Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

541
citations

759233

12
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

665
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-site occupancies of Eu ²⁺ in Ca ₆ BaP ₄ O ₁₇ and their potential optical thermometric applications. <i>Chemical Engineering Journal</i> , 2019, 369, 376-385.	12.7	92
2	Co ₉ S ₈ @Ni ₃ S ₂ heterointerfaced nanotubes on Ni foam as highly efficient and flexible bifunctional electrodes for water splitting. <i>Electrochimica Acta</i> , 2019, 299, 152-162.	5.2	82
3	Host-sensitized luminescence of Dy ³⁺ in LuNbO ₄ under ultraviolet light and low-voltage electron beam excitation: energy transfer and white emission. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9012-9020.	5.5	53
4	Site Occupation of Eu ²⁺ in Ba _{2-x} Sr _x SiO ₄ (x = 0-1.9) and Origin of Improved Luminescence Thermal Stability in the Intermediate Composition. <i>Inorganic Chemistry</i> , 2018, 57, 7090-7096.	4.0	42
5	Heterostructured Ni(OH) ₂ /Ni ₃ S ₂ Supported on Ni Foam as Highly Efficient and Durable Bifunctional Electrodes for Overall Water Electrolysis. <i>Energy & Fuels</i> , 2019, 33, 12052-12062.	5.1	42
6	Host Differential Sensitization toward Color/Lifetime-Tuned Lanthanide Coordination Polymers for Optical Multiplexing. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23810-23816.	13.8	42
7	The Effect of Sr ²⁺ on Luminescence of Ce ³⁺ -Doped (Ca,Sr) ₂ Al ₂ Si ₇ O ₂₈ . <i>Inorganic Chemistry</i> , 2017, 56, 12476-12484.	4.0	26
8	The defect aggregation of RE ³⁺ (RE = Y, La, Lu) in MF ₂ (M = Ca, Sr, Ba) fluorites. <i>Materials Research Bulletin</i> , 2020, 125, 110788.	5.2	25
9	Disorder-Induced Broadband Near-Infrared Persistent and Photostimulated Luminescence in Mg ₂ SnO ₄ :Cr ³⁺ . <i>Inorganic Chemistry</i> , 2021, 60, 2219-2227.	4.0	25
10	Insight into Eu redox and Pr ³⁺ 5d emission in K ₂ SrPO ₄ by VRBE scheme construction. <i>Dalton Transactions</i> , 2018, 47, 306-313.	3.3	19
11	Constructing sensitive luminescent thermometers via energy transfer in Ce ³⁺ and Eu ²⁺ co-doped Ca ₈ Mg ₃ Al ₂ Si ₇ O ₂₈ phosphors. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6071-6081.	5.9	17
12	Luminescence tuning of Ce ³⁺ , Pr ³⁺ activated (Y,Gd)AGG system by band gap engineering and energy transfer. <i>Journal of Rare Earths</i> , 2020, 38, 514-522.	4.8	14
13	Host Differential Sensitization toward Color/Lifetime-Tuned Lanthanide Coordination Polymers for Optical Multiplexing. <i>Angewandte Chemie</i> , 2020, 132, 24018-24024.	2.0	13
14	Site Occupancies, VUV-UV-vis Photoluminescence, and X-ray Radioluminescence of Eu ²⁺ -Doped RbBaPO ₄ . <i>Inorganic Chemistry</i> , 2020, 59, 17421-17429.	4.0	12
15	Enhanced thermal stability and afterglow performance in Sr ₂ Ga ₂ Al ₂ Si ₇ O ₂₈ :Ce ³⁺ phosphors via band gap tailoring. <i>Inorganic Chemistry Frontiers</i> , 2021, 9, 23-34.	6.0	9
16	Defect-related luminescence behavior of a Mn ⁴⁺ non-equivalently doped fluoroantimonate red phosphor. <i>Dalton Transactions</i> , 2022, 51, 608-617.	3.3	9
17	The stability of coordination polyhedrons and distribution of europium ions in Ca ₆ BaP ₄ O ₁₇ . <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 22096-22106.	2.8	6
18	Spectroscopic investigations and density functional theory calculations reveal differences in retention mechanisms of lead and copper on chemically-modified phytolith-rich biochars. <i>Chemosphere</i> , 2022, 301, 134590.	8.2	6

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19	High-pressure synthesis, crystal structure, and magnetic properties of hexagonal Ba ₃ CuOs ₂ O ₉ . Journal of Solid State Chemistry, 2019, 272, 182-188.	2.9	4
20	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