

Yiyi Ou

List of Publications by Year in descending order

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13
papers

285
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Concentration-Driven Selectivity of Energy Transfer Channels and Color Tunability in Ba ₃ La(PO ₄) ₃ :Tb ³⁺ , Sm ³⁺ for Warm White LEDs. <i>Inorganic Chemistry</i> , 2017, 56, 7433-7442.	4.0	65
2	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
3	Luminescence and Cationic-Size-Driven Site Selection of Eu ³⁺ and Ce ³⁺ Ions in Ca ₈ Mg(SiO ₄) ₄ Cl ₂ . <i>Inorganic Chemistry</i> , 2018, 57, 14872-14881.	4.0	28
4	Vacuum Referred Binding Energy Scheme, Electron-Vibrational Interaction, and Energy Transfer Dynamics in BaMg ₂ Si ₂ O ₇ :Ln (Ce ³⁺ , Eu ²⁺) Phosphors. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2959-2967.	3.1	27
5	The defect aggregation of RE ³⁺ (RE ³⁺ = Y, La ¹ / ₄ Lu) in MF ₂ (M ²⁺ = Ca, Sr, Ba) fluorites. <i>Materials Research Bulletin</i> , 2020, 125, 110788.	5.2	25
6	Structure, luminescence of Eu ²⁺ and Eu ³⁺ in CaMgSi ₂ O ₆ and their co-existence for the excitation-wavelength/temperature driven colour evolution. <i>Dalton Transactions</i> , 2021, 50, 10050-10058.	3.3	19
7	Impacts of 5d electron binding energy and electron-phonon coupling on luminescence of Ce ³⁺ in Li ₆ Y(BO ₃) ₃ . <i>RSC Advances</i> , 2019, 9, 7908-7915.	3.6	17
8	VUV-UV-vis Luminescence, Energy Transfer Dynamics, and Potential Applications of Ce ³⁺ - and Eu ²⁺ -Doped CaMgSi ₂ O ₆ . <i>Journal of Physical Chemistry C</i> , 2021, 125, 5957-5967.	3.1	15
9	Host Differential Sensitization toward Color/Lifetime-Tuned Lanthanide Coordination Polymers for Optical Multiplexing. <i>Angewandte Chemie</i> , 2020, 132, 24018-24024.	2.0	13
10	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
11	Experimental and Theoretical Studies of the Site Occupancy and Luminescence of Ce ³⁺ in LiSr ₄ (BO ₃) ₃ for Potential X-ray Detecting Applications. <i>Inorganic Chemistry</i> , 2022, 61, 7654-7662.	4.0	10
12	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
13	Site Occupancies, Electron-Vibration Interaction and Energy Transfer of CaMgSi ₂ O ₆ : Eu ²⁺ , Mn ²⁺ Phosphors for Potential Temperature Sensing and Anti-counterfeiting Applications. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	6