Yiyi Ou

List of Publications by Year in descending order

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	Site Occupancies, Electronâ€“Vibration Interaction and Energy Transfer of CaMgSi₂O₆: Eu²⁺, Mn²⁺ Phosphors for Potential Temperatureâ€Sensing and Antiâ€counterfeiting Applications. Chemistry - A European Journal, 2022, 28, .	3.3	6
2	Experimental and Theoretical Studies of the Site Occupancy and Luminescence of Ce³⁺ in LiSr₄(BO₃)₃ for Potential X-ray Detecting Applications. Inorganic Chemistry, 2022, 61, 7654-7662.	4.0	10
3	VUVâ€“UVâ€“vis Luminescence, Energy Transfer Dynamics, and Potential Applications of Ce³⁺- and Eu²⁺-Doped CaMgSi₂O₆. Journal of Physical Chemistry C, 2021, 125, 5957-5967.	3.1	15
4	Structure, luminescence of Eu²⁺ and Eu³⁺ in CaMgSi₂O₆ and their co-existence for the excitation-wavelength/temperature driven colour evolution. Dalton Transactions, 2021, 50, 10050-10058.	3.3	19
5	Site Occupancies, VUV-UVâ€“vis Photoluminescence, and X-ray Radioluminescence of Eu²⁺-Doped RbBaPO₄. Inorganic Chemistry, 2020, 59, 17421-17429.	4.0	12
6	The stability of coordination polyhedrons and distribution of europium ions in Ca₆BaP₄O₁₇. Physical Chemistry Chemical Physics, 2020, 22, 22096-22106.	2.8	6
7	Host Differential Sensitization toward Color/Lifetimeâ€Tuned Lanthanide Coordination Polymers for Optical Multiplexing. Angewandte Chemie - International Edition, 2020, 59, 23810-23816.	13.8	42
8	Host Differential Sensitization toward Color/Lifetimeâ€Tuned Lanthanide Coordination Polymers for Optical Multiplexing. Angewandte Chemie, 2020, 132, 24018-24024.	2.0	13
9	The defect aggregation of RE3+ (REâ€¯=â€¯Y, La â¼ Lu) in MF2 (Mâ€¯=â€¯Ca, Sr, Ba) fluorites. Materials Research Bulletin, 2020, 125, 110788.	5.2	25
10	Impacts of 5d electron binding energy and electronâ€“phonon coupling on luminescence of Ce³⁺ in Li₆Y(BO₃)₃. RSC Advances, 2019, 9, 7908-7915.	3.6	17
11	Vacuum Referred Binding Energy Scheme, Electronâ€“Vibrational Interaction, and Energy Transfer Dynamics in BaMg₂Si₂O₇:Ln (Ce³⁺, Eu²⁺) Phosphors. Journal of Physical Chemistry C, 2018, 122, 2959-2967.	3.1	27
12	Luminescence and Cationic-Size-Driven Site Selection of Eu³⁺ and Ce³⁺ Ions in Ca₈Mg(SiO₄)₄Cl₂. Inorganic Chemistry, 2018, 57, 14872-14881.	4.0	28
13	Concentration-Driven Selectivity of Energy Transfer Channels and Color Tunability in Ba₃La(PO₄)₃:Tb³⁺, Sm³⁺ for Warm White LEDs. Inorganic Chemistry, 2017, 56, 7433-7442.	4.0	65