Hongde Luo

List of Publications by Year
in descending order

14 papers	636 citations	687363 13 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	950 citing authors

#	Article	IF	Citations
1	The dual role of Cr³⁺ in trapping holes and electrons in lanthanide co-doped GdAlO₃ and LaAlO₃. Journal of Materials Chemistry C, 2018, 6, 4977-4984.	5.5	31
2	Charge Carrier Trapping Processes in RE₂O₂S (RE = La, Gd, Y, and Lu). Journal of Physical Chemistry C, 2017, 121, 8760-8769.	3.1	38
3	Electronic Structure and Site Occupancy of Lanthanide-Doped (Sr, Ca)3(Y, Lu)2Ge3O12 Garnets: A Spectroscopic and First-Principles Study. Journal of Physical Chemistry C, 2016, 120, 28743-28752.	3.1	22
4	Controlled Electronâ€“Hole Trapping and Detrapping Process in GdAlO₃ by Valence Band Engineering. Journal of Physical Chemistry C, 2016, 120, 5916-5925.	3.1	73
5	Low-temperature VUV photoluminescence and thermoluminescence of UV excited afterglow phosphor Sr₃Al_xSi_{1â^'x}O₅:Ce³⁺,Ln³⁺ (Ln) Tj EMC q1 1 0.784314 rg	2.6	38
6	One-pot solvothermal synthesis of singly doped Eu3+ and codoped Er3+, Yb3+ heavy rare earth oxysulfide Y2O2S nano-aggregates and their luminescence study. RSC Advances, 2014, 4, 57048-57053.	3.6	7
7	An efficient light converter YAB:Cr³⁺,Yb³⁺/Nd³⁺ with broadband excitation and strong NIR emission for harvesting c-Si-based solar cells. Journal of Materials Chemistry C, 2014, 2, 5769-5777.	5.5	56
8	Sr3AlO4F:Ce3+-based yellow phosphors: structural tuning of optical properties and use in solid-state white lighting. Journal of Materials Chemistry C, 2013, 1, 7598.	5.5	16
9	Synthesis of the bismuth oxyhalide solid solutions with tunable band gap and photocatalytic activities. Dalton Transactions, 2013, 42, 9706.	3.3	95
10	Synthesis and Luminescence Properties of <scp><scp>Mg</scp></scp>â€“<scp><scp>Si</scp></scp> Coâ€doped <scp><scp>Tb</scp></scp>₃<scp><scp>Al</scp></scp>₅<scp><scp>O</scp></scp>₁₂:<scp>< Phosphors with Blue Excitation for White <scp>LED</scp>s. Journal of the American Ceramic Society, 2012, 95, 3582-3587.	3.8	30
11	Enhanced photoluminescence of Sr3SiO5:Ce3+ and tuneable yellow emission of Sr3SiO5:Ce3+,Eu2+ by Al3+ charge compensation for W-LEDs. Journal of Materials Chemistry, 2012, 22, 15887.	6.7	61
12	Controllable synthesis of hollow/flower-like BiOI microspheres and highly efficient adsorption and photocatalytic activity. CrystEngComm, 2012, 14, 4384.	2.6	100
13	One-pot solvothermal synthesis of uniform layer-by-layer self-assembled ultrathin hexagonal Gd2O2S nanoplates and luminescent properties from single doped Eu3+ and codoped Er3+, Yb3+. Dalton Transactions, 2012, 41, 13984.	3.3	27
14	Shape-controlled synthesis of monodispersed nano-/micro- NaY(MoO4)2 (doped with Eu3+) without capping agents via a hydrothermal process. CrystEngComm, 2012, 14, 2936.	2.6	42