

Huihong Lin

List of Publications by Year in descending order

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38
papers

1,446
citations

304743

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all docs

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docs citations

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times ranked

1733
citing authors

#	ARTICLE	IF	CITATIONS
1	Exciton Emissions in Bilayer WSe ₂ Tuned by the Ferroelectric Polymer. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1636-1643.	4.6	3
2	A Mn ⁴⁺ activated (Gd,La) ₂ (Zn,Mg)TiO ₆ deep-red emission phosphor: The luminescence properties and potential application for full-spectrum pc-LEDs. <i>Journal of Luminescence</i> , 2022, 247, 118895.	3.1	7
3	Carbon Dots in Hydroxy Fluorides: Achieving Multicolor Long-Wavelength Room-Temperature Phosphorescence and Excellent Stability via Crystal Confinement. <i>Nano Letters</i> , 2022, 22, 5127-5136.	9.1	46
4	A broadband near-infrared phosphor BaZrGe ₃ O ₉ :Cr ³⁺ : luminescence and application for light-emitting diodes. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2333-2340.	6.0	44
5	High-Temperature-Induced Intervalley Carrier Transfer in Two-Dimensional Semiconductors: WSe ₂ versus WS ₂ . <i>Journal of Physical Chemistry C</i> , 2021, 125, 23922-23928.	3.1	0
6	Upconversion Red Emission and Near-Infrared Quantum-Cutting Persistent Luminescence of Nd ³⁺ -Activated Ca ₂ SnO ₄ Induced by Yb ³⁺ . <i>Journal of Physical Chemistry C</i> , 2020, 124, 19774-19780.	3.1	8
7	Discovery of near-infrared persistent phosphorescence and Stokes luminescence in Cr ³⁺ and Nd ³⁺ doped GdY ₂ Al ₃ Ga ₂ O ₁₂ dual mode phosphors. <i>Journal of Luminescence</i> , 2020, 221, 117053.	3.1	8
8	Luminescence, energy transfer and temperature sensing property of Ce ³⁺ , Dy ³⁺ doped LiY ₉ (SiO ₄) ₆ O ₂ phosphors. <i>Journal of Luminescence</i> , 2019, 213, 184-190.	3.1	33
9	Lanthanide Yb/Er co-doped semiconductor layered WSe ₂ nanosheets with near-infrared luminescence at telecommunication wavelengths. <i>Nanoscale</i> , 2018, 10, 9261-9267.	5.6	62
10	Positive effect of codoping Yb ³⁺ on the super-long persistent luminescence of Cr ³⁺ -doped zinc aluminum germanate. <i>Ceramics International</i> , 2018, 44, 17377-17382.	4.8	19
11	Germanium substitution endowing Cr ³⁺ -doped zinc aluminate phosphors with bright and super-long near-infrared persistent luminescence. <i>Acta Materialia</i> , 2018, 155, 214-221.	7.9	62
12	Wafer-Scale Synthesis of High-Quality Semiconducting Two-Dimensional Layered InSe with Broadband Photoresponse. <i>ACS Nano</i> , 2017, 11, 4225-4236.	14.6	277
13	The luminescence spectra and energy transfer from Ce ³⁺ /Tb ³⁺ to Yb ³⁺ in Ca ₃ (BO ₃) ₂ . <i>Optik</i> , 2017, 130, 332-337.	2.9	2
14	Site Occupancy and Near-Infrared Luminescence in Ca ₃ Ga ₂ Ge ₃ O ₁₂ : Cr ³⁺ Persistent Phosphor. <i>Advanced Optical Materials</i> , 2017, 5, 1700227.	7.3	131
15	Single-band near-infrared quantum cutting of Ho ³⁺ -Yb ³⁺ codoped KLu ₂ F ₇ phosphors by energy clustering. <i>Journal of Alloys and Compounds</i> , 2017, 695, 1154-1159.	5.5	20
16	Tuning of near-infrared-to-near-infrared luminescence from one-photon to two-photon anti-Stokes shift in Ca ₃ Ga _{2-x} Cr _x Ge ₃ O ₁₂ via varying Cr ³⁺ content. <i>Optics Letters</i> , 2017, 42, 715.	3.3	5
17	Energy transfer and downconversion near-infrared material of Tb ³⁺ and Yb ³⁺ doped Ca ₅ (BO ₃) ₃ F. <i>Physica B: Condensed Matter</i> , 2016, 500, 44-47.	2.7	1
18	Near-infrared-to-near-infrared down-shifting and upconversion luminescence of KY ₃ F ₁₀ with single dopant of Nd ³⁺ ion. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	23

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19	Enhanced energy transfer in Nd ³⁺ /Cr ³⁺ co-doped Ca ₃ Ga ₂ Ge ₃ O ₁₂ phosphors with near-infrared and long-lasting luminescence properties. Journal of Materials Chemistry C, 2016, 4, 3396-3402.	5.5	57
20	Energy Transfer Dynamics and Quantum Yield Derivation of the Tm ³⁺ Concentration-Dependent, Three-Photon Near-Infrared Quantum Cutting in La ₂ BaZnO ₅ . Journal of Physical Chemistry C, 2015, 119, 26643-26651.	3.1	12
21	Bright red, orange-yellow and white switching photoluminescence from silicon oxynitride films with fast decay dynamics. Optical Materials Express, 2014, 4, 205.	3.0	24
22	VUV-Vis Luminescent Properties of BaCaBO ₃ F Doped with Ce ³⁺ and Tb ³⁺ . Journal of Physical Chemistry C, 2013, 117, 12769-12777.	3.1	37
23	Luminescence and site occupancies of Eu ³⁺ in La ₂ CaB ₁₀ O ₁₉ . Dalton Transactions, 2013, 42, 12891.	3.3	38
24	A comparison of Ce ³⁺ luminescence in X ₂ Z(BO ₃) ₂ (X=Ba, Sr; Z=Ca, Mg) with relevant composition and structure. Journal of Rare Earths, 2012, 30, 1-5.	4.8	11
25	The luminescence of Eu ³⁺ activated Ba ₂ Mg(BO ₃) ₂ phosphors. Applied Physics A: Materials Science and Processing, 2011, 105, 143-147.	2.3	16
26	Photoluminescence and radioluminescence of pure and Ce ³⁺ activated Na ₃ Gd(PO ₄) ₂ . Optical Materials, 2011, 33, 618-622.	3.6	21
27	Luminescence of Ce ³⁺ and Pr ³⁺ doped Sr ₂ Mg(BO ₃) ₂ under VUV-UV and X-ray excitation. Journal of Luminescence, 2011, 131, 194-198.	3.1	35
28	Luminescence of Ba ₂ Ca(BO ₃) ₂ influence of charge compensator, energy transfer and LED application. Journal Physics D: Applied Physics, 2009, 42, 165409.	2.8	34
29	Enhanced luminescence of Ba ₃ La(PO ₄) ₃ :Dy ³⁺ by codoping Gd ³⁺ ions and energy transfer between Gd ³⁺ and Dy ³⁺ . Journal of the Optical Society of America B: Optical Physics, 2008, 25, 2057.	2.1	43
30	Luminescence of Ce ³⁺ in Different Lattice Sites of La ₂ CaB ₁₀ O ₁₉ . Journal of Physical Chemistry C, 2008, 112, 13763-13768.	3.1	47
31	and site occupancy of Ce^{3+} in $Ba_2Ca(BO_3)_2$		

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37	The VUV-vis luminescent properties of Ln ³⁺ (Ln=Ce, Pr, Tb) in Sr _{0.96} Na _{0.02} Ln _{0.02} B ₄ O ₇ . Journal of Alloys and Compounds, 2006, 425, 307-313.	5.5	5
38	Luminescence of NaGdFPO ₄ :Ln ³⁺ after VUV excitation: A comparison with GdPO ₄ :Ln ³⁺ (Ln=Ce, Tb). Journal of Solid State Chemistry, 2006, 179, 1356-1362.	2.9	53