Xinsong Lin

List of Publications by Year
in descending order

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38 papers	2,115 citations	516710 16 h-index	361022 35 g-index
38 all docs	38 docs citations	38 times ranked	1458 citing authors

#	Article	IF	Citations
1	Synthesis, characterization, and high-pressure studies of a 3D berkelium(<scp>iii</scp>) carboxylate framework material. Chemical Communications, 2022, 58, 2200-2203.	4.1	6
2	Effect of solution chemistry on the transport of short-chain and long-chain perfluoroalkyl carboxylic acids (PFCAs) in saturated porous media. Chemosphere, 2022, 303, 135160.	8.2	6
3	Mechanochemical Synthesis of Zero Dimensional Organicâ€Inorganic Metal Halide Hybrids. ChemPhotoChem, 2021, 5, 326-329.	3.0	19
4	Metal Halide Scaffolded Assemblies of Organic Molecules with Enhanced Emission and Room Temperature Phosphorescence. Journal of Physical Chemistry Letters, 2021, 12, 8229-8236.	4.6	27
5	A Versatile Tripodal Ligand for Sensitizing Lanthanide (LnIII) Ions and Color Tuning. Chemistry, 2021, 3, 138-145.	2.2	3
6	Metal Halide Regulated Photophysical Tuning of Zeroâ€Dimensional Organic Metal Halide Hybrids: From Efficient Phosphorescence to Ultralong Afterglow. Angewandte Chemie - International Edition, 2020, 59, 23067-23071.	13.8	120
7	Metal Halide Regulated Photophysical Tuning of Zeroâ€Dimensional Organic Metal Halide Hybrids: From Efficient Phosphorescence to Ultralong Afterglow. Angewandte Chemie, 2020, 132, 23267-23271.	2.0	27
8	Highly efficient eco-friendly X-ray scintillators based on an organic manganese halide. Nature Communications, 2020, 11, 4329.	12.8	266
9	Thiazol-2-thiolate-Bridged Binuclear Platinum(II) Complexes with High Photoluminescence Quantum Efficiencies of up to Near Unity. Inorganic Chemistry, 2020, 59, 13109-13116.	4.0	29
10	Highly Stable Organic Antimony Halide Crystals for X-ray Scintillation. , 2020, 2, 633-638.		141
11	0D and 2D: The Cases of Phenylethylammonium Tin Bromide Hybrids. Chemistry of Materials, 2020, 32, 4692-4698.	6.7	72
12	Multicomponent Organic Metal Halide Hybrid with White Emissions. Angewandte Chemie - International Edition, 2020, 59, 14120-14123.	13.8	89
13	Phenalenannulations: Threeâ€Point Double Annulation Reactions that Convert Benzenes into Pyrenes. Angewandte Chemie - International Edition, 2020, 59, 14352-14357.	13.8	15
14	Bulk Assembly of Multicomponent Zero-Dimensional Metal Halides with Dual Emission. , 2020, 2, 376-380.		65
15	Phenalenannulations: Threeâ€Point Double Annulation Reactions that Convert Benzenes into Pyrenes. Angewandte Chemie, 2020, 132, 14458-14463.	2.0	2
16	Hollow metal halide perovskite nanocrystals with efficient blue emissions. Science Advances, 2020, 6, eaaz5961.	10.3	54
17	Multicomponent Organic Metal Halide Hybrid with White Emissions. Angewandte Chemie, 2020, 132, 14224-14227.	2.0	12
18	Bulk Assembly of Zero-Dimensional Organic Lead Bromide Hybrid with Efficient Blue Emission. , 2019, 1, 594-598.		92

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19	Ligand-Mediated Release of Halides for Color Tuning of Perovskite Nanocrystals with Enhanced Stability. Journal of Physical Chemistry Letters, 2019, 10, 5836-5840.	4.6	26
20	Quaternary rare-earth sulfides RE 3 M 0.5 GeS 7 (RE=Laâ€“Nd, Sm; M=Co, Ni) and Y 3 Pd 0.5 SiS 7. Journal of Solid State Chemistry, 2017, 250, 14-23.	2.9	19
21	Metal ion displacements in noncentrosymmetric chalcogenides La3Ga1.67S7, La3Ag0.6GaCh7 (Ch=S, Se), and La3MGaSe7 (M=Zn, Cd). Journal of Solid State Chemistry, 2016, 243, 221-231.	2.9	12
22	Noncentrosymmetric selenide Ba4Ga4GeSe12: Synthesis, structure, and optical properties. Journal of Solid State Chemistry, 2016, 241, 131-136.	2.9	6
23	Ba4Ga2Se8: A ternary selenide containing chains and discrete <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0003.gif" overflow="scroll"><mml:mrow><mml:msubsup subscriptshift="90%" superscriptshift="90%"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:mi mathvariant="normal">e</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow><mml:mrow><mml:mn>2</mml:mn><mml:mo form="prefix">â^’</mml:mo></mml:mrow></mml:msubsup></mml:mrow></mml:math> units. Journal of S	2.9	10
24	Noncentrosymmetric rare-earth copper gallium chalcogenides RE3CuGaCh7 (RE=Laâ€“Nd; Ch=S, Se): An unexpected combination. Journal of Solid State Chemistry, 2015, 229, 150-159.	2.9	19
25	Rare-earth manganese arsenides RE4Mn2As5 (RE= Laâ€“Pr). Journal of Alloys and Compounds, 2015, 636, 187-190.	5.5	5
26	The solid solution series Tl(V_{1â^’x}Cr_x)₅Se₈: crystal structure, magnetic and thermoelectric properties. Journal of Materials Chemistry C, 2015, 3, 10509-10517.	5.5	9
27	Growth and characterizations of BaGa4S7 crystal. Optical Materials, 2014, 36, 2007-2011.	3.6	33
28	Manganese-Substituted Rare-Earth Zinc ArsenidesRE1â€“yMnxZn2â€“xAs2(RE= Euâ€“Lu) andRE2â€“yMnxZn4â€“xAs4(RE= Laâ€“Nd, Sm, Gd). Inorganic Chemistry, 2014, 53, 8431-8441.	4.0	2
29	Ternary rare-earth zinc arsenides REZn2As3 (RE=Laâ€“Pr) containing defect fluorite-type slabs. Journal of Solid State Chemistry, 2013, 199, 189-195.	2.9	11
30	Homologous Series of Rare-Earth Zinc Arsenides REZn_{2â€“x}As₂Â·n(REAs) (RE = Laâ€“Nd, Sm;) Tj ETQq1 1 0 rgBT /Overlock	4.0	0
31	Synthesis and characterization of thienyl-substituted pyridinium salts for second-order nonlinear optics. CrystEngComm, 2012, 14, 1031-1037.	2.6	32
32	BaGa2GeX6(X=S, Se): New mid-IR nonlinear optical crystals with large band gaps. Journal of Solid State Chemistry, 2012, 195, 172-177.	2.9	89
33	Alkaline-Alkaline Earth Fluoride Carbonate Crystals ABCO₃F (A = K, Rb, Cs; B = Ca, Sr, Ba) as Nonlinear Optical Materials. Journal of the American Chemical Society, 2011, 133, 20001-20007.	13.7	418
34	Growth and Characterization of BaGa₄S₇: A New Crystal for Mid-IR Nonlinear Optics. Crystal Growth and Design, 2009, 9, 1186-1189.	3.0	346
35	Effect of Niobium on Yb:GdVO4 single crystal. Optical Materials, 2006, 28, 432-435.	3.6	2
36	Growth and Raman spectroscopic investigation of CaxGd1â^’xVO4 single crystals for potential Raman laser media. Journal of Crystal Growth, 2006, 293, 452-457.	1.5	1

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37	Growth and characterization of YP0.1V0.9O4 crystal. Journal of Crystal Growth, 2004, 263, 296-300.	1.5	6
38	Growth and spectroscopic investigation of Nd,Yb:GdVO4 single crystal. Journal of Crystal Growth, 2004, 271, 151-158.	1.5	14