Quan Liu

List of Publications by Year
in descending order

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29	964	394421	501196
papers	citations	19 h-index	28 g-index

29	29	29	521
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Kinetics modulation of titanium niobium oxide via hierarchical MXene coating for high-rate and high-energy density lithium-ion half/full batteries. Applied Surface Science, 2022, 576, 151890.	6.1	9
2	Defect modulation and luminescence improvement of Mn⁴⁺-activated La(Mg,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 T Chemistry C, 2022, 10, 3472-3479.	5.5	14
3	Ultrafast Lithiumâ€Ion Batteries with Longâ€Term Cycling Performance Based on Titanium Carbide/3D Interconnected Porous Carbon. ChemNanoMat, 2022, 8, .	2.8	6
4	Single Bi³⁺ Ultrabroadband White Luminescence in Double Perovskite via Crystal Lattice Engineering toward Lightâ€Emitting Diode Applications. Advanced Optical Materials, 2022, 10, .	7.3	33
5	Eu3+ and Mn4+ co-doped BaLaMgNbO6 double perovskite phosphors for WLED application. Journal of Luminescence, 2022, 246, 118808.	3.1	10
6	Bi³⁺/Mn⁴⁺ coâ€doped dualâ€emission phosphors for potential plant lighting. Journal of the American Ceramic Society, 2022, 105, 5793-5806.	3.8	16
7	A promising blue-emitting phosphor CaYGaO₄:Bi³⁺ for near-ultraviolet (NUV) pumped white LED application and the emission improvement by Li⁺ ions. Journal of Materials Chemistry C, 2021, 9, 303-312.	5.5	53
8	Tuning the electronic structure of layered vanadium pentoxide by pre-intercalation of potassium ions for superior room/low-temperature aqueous zinc-ion batteries. Nanoscale, 2021, 13, 2399-2407.	5.6	86
9	Deep red SrLaGa₃O₇:Mn⁴⁺ for near ultraviolet excitation of white light LEDs. Journal of Materials Chemistry C, 2021, 9, 3969-3977.	5.5	32
10	Origin of D-band emission in a novel Bi³⁺-doped phosphor La₃SnGa₅O₁₄:Bi³⁺. Journal of Materials Chemistry C, 2021, 9, 3455-3461.	5.5	33
11	Design and preparation of an ultra-high temperature ceramic by in-situ introduction of Zr2[Al(Si)]4C5 into ZrB2-SiC: Investigation on the mechanical properties and oxidation behavior. Journal of Advanced Ceramics, 2021, 10, 1082-1094.	17.4	11
12	Sr₃Y(BO₃)₃:Bi³⁺ phosphor with excellent thermal stability and color tunability for near-ultraviolet white-light LEDs. Journal of Materials Chemistry C, 2021, 9, 3672-3681.	5.5	46
13	Fast synthesis of Dy³⁺ and Tm³⁺ co-doped double perovskite NaLaMgWO₆: a thermally stable single-phase white-emitting phosphor for WLEDs. Journal of Materials Chemistry C, 2020, 8, 2117-2122.	5.5	66
14	Fast synthesis and energy transfer of the tunable single-phase white-emitting phosphor Li2Gd4(WO4)7:Dy3+, Tm3+ for WLEDs. Ceramics International, 2020, 46, 6926-6933.	4.8	17
15	Bismuth activated high thermal stability blue-emitting phosphor Na₂Y₂B₂O₇:Bi used for near-UV white-light LEDs. Journal of Materials Chemistry C, 2020, 8, 16584-16592.	5.5	53
16	Electronic modulation of nickel selenide by copper doping and in situ carbon coating towards high-rate and high-energy density lithium ion half/full batteries. Nanoscale, 2020, 12, 23645-23652.	5.6	21
17	Synthesis and photoluminescence properties of perovskite LaMg_{0.667}Nb_{0.333}O₃:Mn⁴⁺,Bi³⁺: a novel deep-red phosphor for WLEDs. Journal of Materials Chemistry C, 2020, 8, 13297-13305.	5.5	22
18	Second-order John-Teller distortion in the thermally stable Li(La, Gd)MgWO6:Eu3+ phosphor with high quantum efficiency. Dyes and Pigments, 2019, 160, 165-171.	3.7	30

#	Article	IF	Citations
19	High efficient Eu3+-activated Ca(La, Gd)MgSbO6 double perovskite phosphors: Thermal stability improvement by composition modulating. Journal of Luminescence, 2019, 215, 116674.	3.1	11
20	Dy3+-doped BaLaMgSbO6 double perovskite highly efficient white phosphor. Ceramics International, 2019, 45, 15624-15628.	4.8	31
21	Structure variation and luminescence enhancement of BaLaMg(Sb, Nb)O6:Eu3+ double perovskite red phosphors based on composition modulation. Ceramics International, 2019, 45, 7661-7666.	4.8	23
22	Thermally stable double perovskite CaLaMgSbO6:Eu3+ phosphors as a tunable LED-phosphor material. Ceramics International, 2018, 44, 1662-1667.	4.8	62
23	Structural and luminescent properties of Eu3+-doped double perovskite BaLaMgNbO6 phosphor. Ceramics International, 2018, 44, 1909-1915.	4.8	43
24	Enhanced luminescence properties of double perovskite (Ba, Sr)LaMgSbO6:Eu3+ phosphors based on composition modulation. Journal of Alloys and Compounds, 2017, 717, 156-163.	5.5	35
25	A high quenching content red-emitting phosphor based on double perovskite host BaLaMgSbO6 for white LEDs. Journal of Alloys and Compounds, 2017, 696, 443-449.	5.5	33
26	Red-emitting double perovskite phosphors Sr1â^'xCaxLaMgSbO6:Eu3+: Luminescence improvement based on composition modulation. Ceramics International, 2017, 43, 16292-16299.	4.8	28
27	Structure evolution and delayed quenching of the double perovskite NaLaMgWO6:Eu3+ phosphor for white LEDs. Ceramics International, 2016, 42, 15294-15300.	4.8	98
28	Enhanced luminescence of a Eu3+-activated double perovskite (Na, Li)LaMgWO6 phosphor based on A site inducing energy transfer. Ceramics International, 2016, 42, 13855-13862.	4.8	41
29	In situ incorporation of CoP nanoparticles onto BP nanosheets to improve electrochemical performance of Li-ion battery. Journal of Materials Science: Materials in Electronics, 0, , 1.	2.2	1