Sisi Liu

List of Publications by Year
in descending order

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26	665	567281 15	580821 25
papers	citations	h-index	g-index

26	26	26	847
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High performance hybrid MXene nanosheet/CsPbBr3 quantum dot photodetectors with an excellent stability. Journal of Alloys and Compounds, 2022, 895, 162570.	5.5	21
2	Facile Fabrication of Ultrasensitive Honeycomb Nano-Mesh Ultraviolet Photodetectors Based on Self-Assembled Plasmonic Architectures. ACS Applied Materials & Interfaces, 2021, 13, 35972-35980.	8.0	9
3	ZnO Quantum Dot/MXene Nanoflake Hybrids for Ultraviolet Photodetectors. ACS Applied Nano Materials, 2021, 4, 13674-13682.	5.0	21
4	Cationâ€Exchange Synthesis of Highly Monodisperse PbS Quantum Dots from ZnS Nanorods for Efficient Infrared Solar Cells. Advanced Functional Materials, 2020, 30, 1907379.	14.9	80
5	Controllable 3D plasmonic nanostructures for high-quantum-efficiency UV photodetectors based on 2D and 0D materials. Materials Horizons, 2020, 7, 905-911.	12.2	16
6	Efficient PbSe Colloidal Quantum Dot Solar Cells Using SnO₂ as a Buffer Layer. ACS Applied Materials & Interfaces, 2020, 12, 2566-2571.	8.0	21
7	Enhanced Spatial Light Confinement of All Inorganic Perovskite Photodetectors Based on Hybrid Plasmonic Nanostructures. Small, 2020, 16, e2004234.	10.0	17
8	Self-Assembled Al Nanostructure/ZnO Quantum Dot Heterostructures for High Responsivity and Fast UV Photodetector. Nano-Micro Letters, 2020, 12, 114.	27.0	43
9	Ultrahigh Responsivity UV Photodetector Based on Cu Nanostructure/ZnO QD Hybrid Architectures. Small, 2019, 15, e1901606.	10.0	42
10	Controllable MXene nano-sheet/Au nanostructure architectures for the ultra-sensitive molecule Raman detection. Nanoscale, 2019, 11, 22230-22236.	5.6	32
11	Broad-Band High-Sensitivity ZnO Colloidal Quantum Dots/Self-Assembled Au Nanoantennas Heterostructures Photodetectors. ACS Applied Materials & Interfaces, 2018, 10, 32516-32525.	8.0	45
12	Mechanical force-driven growth of elongated BaTiO3 lead-free ferroelectric nanowires. Ceramics International, 2017, 43, 2969-2973.	4.8	15
13	Low temperature in-situ preparation of reduced graphene oxide/ZnO nanocomposites for highly sensitive photodetectors. Journal of Materials Science: Materials in Electronics, 2017, 28, 9403-9409.	2.2	9
14	The effect of Au nanocrystals applied in CdS colloidal quantum dots ultraviolet photodetectors. Journal of Materials Science: Materials in Electronics, 2017, 28, 9782-9787.	2.2	7
15	Enhanced sensitivity and response speed of graphene oxide/ZnO nanorods photodetector fabricated by introducing graphene oxide in seed layer. Journal of Materials Science: Materials in Electronics, 2017, 28, 15891-15898.	2.2	10
16	Highly sensitive response of solution-processed bismuth sulfide nanobelts for room-temperature nitrogen dioxide detection. Journal of Colloid and Interface Science, 2017, 506, 102-110.	9.4	24
17	Geometrical influence of conducting fillers on the dielectric tunable properties of antiferroelectric ceramic/conducting filler/polystyrene composites under low electric field. Journal of Materials Science: Materials in Electronics, 2017, 28, 10184-10190.	2.2	1
18	Effects of PbO-B2O3 Glass Doping on the Sintering Temperature and Piezoelectric Properties of 0.35Pb(Ni1/3Nb2/3)O3-0.65Pb(Zr0.41Ti0.59)O3 Ceramics. Journal of Electronic Materials, 2015, 44, 4846-4851.	2.2	10

#	Article	IF	Citations
19	Effect of electric field on dielectric properties of antiferroelectric ceramic/polymer composites. Journal of Materials Science: Materials in Electronics, 2015, 26, 3236-3242.	2.2	7
20	Effect of Oxygen Annealing on the Electrical Properties of PBLZST Anti-ferroelectric Ceramics. Journal of Electronic Materials, 2015, 44, 4343-4348.	2.2	0
21	Investigations on the morphology, optical and photoresponse properties of PbS/CdS binary colloidal quantum dot thin film. Journal of Materials Science: Materials in Electronics, 2014, 25, 2516-2521.	2.2	4
22	Effects of LiBiO₂addition on the microstructure and piezoelectric properties of CuO-doped PNN-PZT ceramics. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2552-2557.	1.8	7
23	Room temperature rubbing for few-layer two-dimensional thin flakes directly on flexible polymer substrates. Scientific Reports, 2013, 3, 2697.	3.3	26
24	Microstructure and electrical properties of (Pb0.87Ba0.1La0.02)(Zr0.68Sn0.24Ti0.08)O3 anti-ferroelectric ceramics fabricated by the hot-press sintering method. Journal of the European Ceramic Society, 2013, 33, 113-121.	5.7	48
25	Effects of Bi2O3â€“Li2CO3 additions on dielectric and pyroelectric properties of Mn doped Pb(Zr0.9Ti0.1)O3 thick films. Ceramics International, 2013, 39, 3709-3714.	4.8	31
26	Effect of Zr:Sn ratio in the lead lanthanum zirconate stannate titanate anti-ferroelectric ceramics on energy storage properties. Ceramics International, 2013, 39, 5571-5575.	4.8	119