Liu Xiaofang

List of Publications by Year
in descending order

23	431	933447 10	713466 21
papers	citations	h-index	g-index

23	23	23	405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Significantly enhanced piezo-photocatalytic capability in BaTiO3 nanowires for degrading organic dye. Journal of Materiomics, 2020, 6, 256-262.	5.7	93
2	Synergetic piezo-photocatalytic effect in a Bi2MoO6/BiOBr composite for decomposing organic pollutants. Applied Surface Science, 2021, 560, 150037.	6.1	71
3	2D/2D Heterojunction of R-scheme Ti3C2 MXene/MoS2 Nanosheets for Enhanced Photocatalytic Performance. Nanoscale Research Letters, 2020, 15, 78.	5.7	55
4	Construction of BPQDs/Ti3C2@TiO2 Composites with Favorable Charge Transfer Channels for Enhanced Photocatalytic Activity under Visible Light Irradiation. Nanomaterials, 2020, 10, 452.	4.1	40
5	The effect of Mn/Nb doping on dielectric and ferroelectric properties of PZT thin films prepared by solâ€“gel process. Journal of Sol-Gel Science and Technology, 2015, 74, 378-386.	2.4	28
6	Effects of cobalt and sintering temperature on electrical properties of Ba0.98Ca0.02Zr0.02Ti0.98O3 lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 3962-3966.	2.2	22
7	Enhanced photocatalytic performance of <scp>Bi₂Fe₄O₉</scp>/graphene via modifying graphene composite. Journal of the American Ceramic Society, 2017, 100, 3540-3549.	3.8	22
8	Construction of direct Z-scheme BPQDs-modified BiOBr thin film for enhanced photocatalytic performance under visible light irradiation. Journal of Materiomics, 2021, 7, 1122-1130.	5.7	13
9	Synergetic piezo-photocatalytic effect in SbSI for highly efficient degradation of methyl orange. Ceramics International, 2022, 48, 31818-31826.	4.8	13
10	Synergetic piezo-photocatalytic effect in ultrathin Bi2WO6 nanosheets for decomposing organic dye. Journal of Materials Science: Materials in Electronics, 2022, 33, 9845-9857.	2.2	12
11	Phase structure and electrical properties of lead-free (1â€‰â^'â€‰2x)NBTâ€“xKBTâ€“xBT ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 7851-7856.	2.2	10
12	High-performance (Na0.5Bi0.5)(Ti0.97Fe0.03)O3-based heterostructure thin films for energy storage capacitors. Ceramics International, 2022, 48, 21407-21415.	4.8	9
13	Outstanding enhanced breakdown field strength and energy storage properties in Na0.5Bi0.5TiO3-based thin film by the aging process. Journal of Power Sources, 2021, 508, 230331.	7.8	7
14	Enhanced recoverable energy storage density of barium strontium titanate-based thin films with compositionally graded structure. Journal of Materials Science: Materials in Electronics, 2021, 32, 2193-2199.	2.2	7
15	Improved electrical properties of Co-doped 0.92NBTâ€“0.04KBTâ€“0.04BT lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 19063-19069.	2.2	6
16	SYSTEMATIC EXPLORATION OF THE EFFECTS OF CR-DOPING ON MICROSTRUCTURE, INSULATING, AND FERROELECTRIC PROPERTIES OF BiFeO₃ THIN FILM. Surface Review and Letters, 2019, 26, 1850166.	1.1	6
17	Built-in electric field enhanced BiFeO3 photo-Fenton degradation Rhodamine B solution. Journal of Materials Science, 2022, 57, 6900-6913.	3.7	5
18	Effect of excess Bi content on electrical properties of BiFe0.95Cr0.05O3 thin films. Journal of Materials Science: Materials in Electronics, 2017, 28, 17399-17404.	2.2	4

#	Article	IF	Citations
19	A novel fluorescence probe 9-(4-(1,2-diamine)benzene-N1-phenyl)acridine for nitric oxide determination. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 848-853.	1.0	2
20	Enhanced ferroelectric and dielectric behaviors of PZT/BFO heterostructure via compositional development. Journal of Materials Science: Materials in Electronics, 2021, 32, 8185-8194.	2.2	2
21	Finite element simulations of step-down PZT-based piezoelectric transformer with modifying vibration and frequency characteristics. Ferroelectrics, 2020, 558, 175-186.	0.6	2
22	3â€“1-type PZT-based porous ceramic and composites with highly oriented pore structure for acoustic applications. Journal of Materials Science: Materials in Electronics, 2022, 33, 12171-12181.	2.2	2
23	Enhanced breakdown strength of ferroelectricâ€“dielectric multilayered thin films by blocking oxygen vacancies through linear dielectric layer. Journal of Materials Science: Materials in Electronics, 2022, 33, 11236-11245.	2.2	0