

Liu Xiaofang

List of Publications by Year in descending order

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23
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#	ARTICLE	IF	CITATIONS
1	Significantly enhanced piezo-photocatalytic capability in BaTiO ₃ nanowires for degrading organic dye. Journal of Materiomics, 2020, 6, 256-262.	2.8	93
2	Synergetic piezo-photocatalytic effect in a Bi ₂ MoO ₆ /BiOBr composite for decomposing organic pollutants. Applied Surface Science, 2021, 560, 150037.	3.1	71
3	2D/2D Heterojunction of R-scheme Ti ₃ C ₂ MXene/MoS ₂ Nanosheets for Enhanced Photocatalytic Performance. Nanoscale Research Letters, 2020, 15, 78.	3.1	55
4	Construction of BPQDs/Ti ₃ C ₂ @TiO ₂ Composites with Favorable Charge Transfer Channels for Enhanced Photocatalytic Activity under Visible Light Irradiation. Nanomaterials, 2020, 10, 452.	1.9	40
5	The effect of Mn/Nb doping on dielectric and ferroelectric properties of PZT thin films prepared by sol-gel process. Journal of Sol-Gel Science and Technology, 2015, 74, 378-386.	1.1	28
6	Effects of cobalt and sintering temperature on electrical properties of Ba _{0.98} Ca _{0.02} Zr _{0.02} Ti _{0.98} O ₃ lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2014, 25, 3962-3966.	1.1	22
7	Enhanced photocatalytic performance of Bi ₂ Fe ₄ O ₉ /graphene via modifying graphene composite. Journal of the American Ceramic Society, 2017, 100, 3540-3549.	1.9	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.	2.8	13
9	Synergetic piezo-photocatalytic effect in SbSI for highly efficient degradation of methyl orange. Ceramics International, 2022, 48, 31818-31826.	2.3	13
10	Synergetic piezo-photocatalytic effect in ultrathin Bi ₂ WO ₆ nanosheets for decomposing organic dye. Journal of Materials Science: Materials in Electronics, 2022, 33, 9845-9857.	1.1	12
11	Phase structure and electrical properties of lead-free (1-x)NBT-xKBT-xBT ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 7851-7856.	1.1	10
12	High-performance (Na _{0.5} Bi _{0.5})(Ti _{0.97} Fe _{0.03})O ₃ -based heterostructure thin films for energy storage capacitors. Ceramics International, 2022, 48, 21407-21415.	2.3	9
13	Outstanding enhanced breakdown field strength and energy storage properties in Na _{0.5} Bi _{0.5} TiO ₃ -based thin film by the aging process. Journal of Power Sources, 2021, 508, 230331.	4.0	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.	1.1	7
15	Improved electrical properties of Co-doped 0.92NBT-xKBT-xBT lead-free ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 19063-19069.	1.1	6
16	SYSTEMATIC EXPLORATION OF THE EFFECTS OF CR-DOPING ON MICROSTRUCTURE, INSULATING, AND FERROELECTRIC PROPERTIES OF BiFeO ₃ THIN FILM. Surface Review and Letters, 2019, 26, 1850166.	0.5	6
17	Built-in electric field enhanced BiFeO ₃ photo-Fenton degradation Rhodamine B solution. Journal of Materials Science, 2022, 57, 6900-6913.	1.7	5
18	Effect of excess Bi content on electrical properties of BiFe _{0.95} Cr _{0.05} O ₃ thin films. Journal of Materials Science: Materials in Electronics, 2017, 28, 17399-17404.	1.1	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.	0.4	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.	1.1	2
21	Finite element simulations of step-down PZT-based piezoelectric transformer with modifying vibration and frequency characteristics. Ferroelectrics, 2020, 558, 175-186.	0.3	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.	1.1	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.	1.1	0