

Hua Ke

List of Publications by Year in descending order

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papers

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840776

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#	ARTICLE	IF	CITATIONS
1	Croconic Acid Doped Triglycine Sulfate: Crystal Structure, UV-Vis, FTIR, Raman, Photoluminescence Spectroscopy, and Dielectric Properties. <i>Crystals</i> , 2022, 12, 679.	2.2	3
2	Compositional engineering of perovskite materials. , 2021, , 203-224.		0
3	Dynamical Electric and Magnetic Responses in the Bi _{0.85} Nd _{0.15} FeO ₃ Ceramic with Morphotropic Phase Boundary. <i>Materials Today Physics</i> , 2021, 21, 100559.	6.0	1
4	Microstructural, magnetic and electric properties of sol-gel synthesized Na _{0.5} Bi _{0.5} TiO ₃ â€“CoFe ₂ O ₄ composites. <i>Ceramics International</i> , 2020, 46, 1888-1894.	4.8	4
5	Ferroelectric domain structures in strained BiFeO ₃ ceramics synthesized by spark plasma sintering. <i>Materials Characterization</i> , 2020, 159, 110044.	4.4	2
6	Effects of O ₂ and N ₂ sintering atmospheres on electric properties of 0.9SrTiO ₃ â€“0.1NiFe ₂ O ₄ composite ceramics. <i>Physica B: Condensed Matter</i> , 2019, 572, 273-278.	2.7	3
7	Bi-fluctuation in Na _{0.5} Bi _{0.5} TiO ₃ ferroelectric ceramics with abnormal relaxor behaviour. <i>Philosophical Magazine</i> , 2019, 99, 2661-2680.	1.6	2
8	Electric/magnetic behaviors of Nd/Ti co-doped BiFeO ₃ ceramics with morphotropic phase boundary. <i>Scripta Materialia</i> , 2019, 164, 6-11.	5.2	25
9	Effects of morphotropic phase boundary on the electric behavior of Er/Ti co-doped BiFeO ₃ ceramics. <i>Scripta Materialia</i> , 2019, 158, 71-76.	5.2	20
10	Room-temperature multiferroic and magnetodielectric properties of SrTiO ₃ /NiFe ₂ O ₄ composite ceramics. <i>Ceramics International</i> , 2019, 45, 8238-8242.	4.8	14
11	Influence of composition ratio on ferroelectric, magnetic and magnetoelectric properties of PMNâ€“PT/CFO composite thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 10164-10169.	2.2	5
12	Effects of spark plasma sintering on ferroelectricity of 0.8Bi _{3.15} Nd _{0.85} Ti ₃ O ₁₂ -0.2CoFe ₂ O ₄ composite ceramic. <i>Journal of the European Ceramic Society</i> , 2018, 38, 2353-2359.	5.7	4
13	Crystallisation process of Bi ₅ Ti ₃ FeO ₁₅ multiferroic nanoparticles synthesised by a solâ€“gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2018, 85, 132-139.	2.4	18
14	Structural evolution and electrical properties of Na _{0.5} Bi _{0.5} TiO ₃ -CoFe ₂ O ₄ ceramics with embedded structures. <i>Ceramics International</i> , 2018, 44, 22549-22555.	4.8	5
15	Facile Synthesis of Morphology Controllable CoFe ₂ O ₄ Particles as Highâ€“Performance Electrode Materials. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1800223.	2.3	12
16	Synthesis, piezoelectric property and domain behaviour of the vertically aligned K _{1-x} Na _x NbO ₃ nanowire with a morphotropic phase boundary. <i>Journal of Materials Chemistry C</i> , 2017, 5, 747-753.	5.5	22
17	Two dielectric anomalies and impedances of the x CoFe ₂ O ₄ - (1-x) Bi _{3.15} Nd _{0.85} Ti ₃ O ₁₂ (x = 0, 0.3,) Tj ETQg1.1 0.784314 rgB / 3.2 3	3.2	3
18	Effect of magnetic CoFe ₂ O ₄ component on sintering densification process of Bi _{3.15} Nd _{0.85} Ti ₃ O ₁₂ ceramics. <i>Journal of the European Ceramic Society</i> , 2017, 37, 2115-2122.	5.7	7

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19	The microstructure and piezoelectric properties of Sb-modified and Ca-modified (K,Na)NbO ₃ nanowires with polycrystalline phase boundaries. CrystEngComm, 2017, 19, 5712-5715.	2.6	2
20	Mechanism of superior luminescent and high-efficiency photocatalytic properties of Eu-doped calcium aluminate by low-cost self-propagating combustion synthesis technique. Scientific Reports, 2017, 7, 2906.	3.3	11
21	Ferroelectric properties of magnetoelectric CoFe ₂ O ₄ /Bi _{3.15} Nd _{0.85} Ti ₃ O ₁₂ composite ceramics with coherent-lattice interfaces. Scripta Materialia, 2017, 127, 29-32.	5.2	15
22	Crystallization Behavior and Multiferroic Properties of Bi _{3.15} Nd _{0.85} Ti ₃ O ₁₂ /CoFe ₂ O ₄ Powders Synthesized by Sol-gel Method. Journal of the American Ceramic Society, 2016, 99, 2334-2340.	3.8	11
23	Bimagnetic urchin-like Co ₃ O ₄ /CoFe ₂ O ₄ nanocomposites: synthesis and magnetic properties. RSC Advances, 2016, 6, 97055-97062.	3.6	6
24	H ₂ Ti ₅ O ₁₁ ·H ₂ O nanorod arrays formed on a Ti surface via a hybrid technique of microarc oxidation and chemical treatment. CrystEngComm, 2015, 17, 2705-2717.	2.6	9
25	Dependence of dielectric behavior in BiFeO ₃ ceramics on intrinsic defects. Journal of Alloys and Compounds, 2012, 541, 94-98.	5.5	21
26	Factors controlling pure-phase multiferroic BiFeO ₃ powders synthesized by chemical co-precipitation. Journal of Alloys and Compounds, 2011, 509, 2192-2197.	5.5	133
27	First-principles study of spontaneous polarization in SrBi ₂ Ta ₂ O ₉ . Journal of Physics Condensed Matter, 2011, 23, 015901.	1.8	4
28	Crystallization process of lanthanum-substituted bismuth titanate synthesized by a facile sol-gel method. Journal of Sol-Gel Science and Technology, 2010, 53, 135-140.	2.4	7
29	Electrophoretic sol-gel synthesis of SrBi ₂ Ta ₂ O ₉ nanowires. Journal of Sol-Gel Science and Technology, 2010, 56, 87-92.	2.4	6
30	Sol-gel synthesis of SrBi ₂ Ta ₂ O ₉ nanowires. Journal of Alloys and Compounds, 2010, 504, 367-370.	5.5	8
31	Microwave-dielectric and magnetic properties of Ta-doped BiFeO ₃ nanopowders. Philosophical Magazine Letters, 2009, 89, 701-710.	1.2	14
32	Low-temperature synthesis of BiFeO ₃ nanopowders via a sol-gel method. Journal of Alloys and Compounds, 2009, 472, 473-477.	5.5	205