

Hua Ke

List of Publications by Year in descending order

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papers

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840776

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times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-temperature synthesis of BiFeO ₃ nanopowders via a sol-gel method. Journal of Alloys and Compounds, 2009, 472, 473-477.	5.5	205
2	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
3	Electric/magnetic behaviors of Nd/Ti co-doped BiFeO ₃ ceramics with morphotropic phase boundary. Scripta Materialia, 2019, 164, 6-11.	5.2	25
4	Synthesis, piezoelectric property and domain behaviour of the vertically aligned K _{1-x} Na _x NbO ₃ nanowire with a morphotropic phase boundary. Journal of Materials Chemistry C, 2017, 5, 747-753.	5.5	22
5	Dependence of dielectric behavior in BiFeO ₃ ceramics on intrinsic defects. Journal of Alloys and Compounds, 2012, 541, 94-98.	5.5	21
6	Effects of morphotropic phase boundary on the electric behavior of Er/Ti co-doped BiFeO ₃ ceramics. Scripta Materialia, 2019, 158, 71-76.	5.2	20
7	Crystallisation process of Bi ₅ Ti ₃ FeO ₁₅ multiferroic nanoparticles synthesised by a sol-gel method. Journal of Sol-Gel Science and Technology, 2018, 85, 132-139.	2.4	18
8	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
9	Microwave-dielectric and magnetic properties of Ta-doped BiFeO ₃ nanopowders. Philosophical Magazine Letters, 2009, 89, 701-710.	1.2	14
10	Room-temperature multiferroic and magnetodielectric properties of SrTiO ₃ /NiFe ₂ O ₄ composite ceramics. Ceramics International, 2019, 45, 8238-8242.	4.8	14
11	Facile Synthesis of Morphology Controllable CoFe ₂ O ₄ Particles as High-Performance Electrode Materials. Particle and Particle Systems Characterization, 2018, 35, 1800223.	2.3	12
12	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
13	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
14	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
15	Sol-gel synthesis of SrBi ₂ Ta ₂ O ₉ nanowires. Journal of Alloys and Compounds, 2010, 504, 367-370.	5.5	8
16	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
17	Effect of magnetic CoFe ₂ O ₄ component on sintering densification process of Bi _{3.15} Nd _{0.85} Ti ₃ O ₁₂ ceramics. Journal of the European Ceramic Society, 2017, 37, 2115-2122.	5.7	7
18	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

#	ARTICLE	IF	CITATIONS
19	Bimagnetic urchin-like $\text{Co}_3\text{O}_4/\text{CoFe}_2\text{O}_4$ nanocomposites: synthesis and magnetic properties. RSC Advances, 2016, 6, 97055-97062.	3.6	6
20	Influence of composition ratio on ferroelectric, magnetic and magnetoelectric properties of PMN-PT/CFO composite thin films. Journal of Materials Science: Materials in Electronics, 2018, 29, 10164-10169.	2.2	5
21	Structural evolution and electrical properties of $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3\text{-CoFe}_2\text{O}_4$ ceramics with embedded structures. Ceramics International, 2018, 44, 22549-22555.	4.8	5
22	First-principles study of spontaneous polarization in $\text{SrBi}_2\text{Ta}_2\text{O}_9$. Journal of Physics Condensed Matter, 2011, 23, 015901.	1.8	4
23	Effects of spark plasma sintering on ferroelectricity of $0.8\text{Bi}_{3.15}\text{Nd}_{0.85}\text{Ti}_3\text{O}_{12}\text{-}0.2\text{CoFe}_2\text{O}_4$ composite ceramic. Journal of the European Ceramic Society, 2018, 38, 2353-2359.	5.7	4
24	Microstructural, magnetic and electric properties of sol-gel synthesized $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3\text{-CoFe}_2\text{O}_4$ composites. Ceramics International, 2020, 46, 1888-1894.	4.8	4
25	Two dielectric anomalies and impedances of the $x\text{CoFe}_2\text{O}_4\text{-}(1-x)\text{Bi}_{3.15}\text{Nd}_{0.85}\text{Ti}_3\text{O}_{12}$ ($x = 0, 0.3$). $T_j \text{ETQ}_{g1,1} 0.784314 \text{rgB}$	3.2	3
26	Effects of O_2 and N_2 sintering atmospheres on electric properties of $0.9\text{SrTiO}_3\text{-}0.1\text{NiFe}_2\text{O}_4$ composite ceramics. Physica B: Condensed Matter, 2019, 572, 273-278.	2.7	3
27	Croconic Acid Doped Triglycine Sulfate: Crystal Structure, UV-Vis, FTIR, Raman, Photoluminescence Spectroscopy, and Dielectric Properties. Crystals, 2022, 12, 679.	2.2	3
28	The microstructure and piezoelectric properties of Sb-modified and Ca-modified $(\text{K},\text{Na})\text{NbO}_3$ nanowires with polycrystalline phase boundaries. CrystEngComm, 2017, 19, 5712-5715.	2.6	2
29	Bi-fluctuation in $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ ferroelectric ceramics with abnormal relaxor behaviour. Philosophical Magazine, 2019, 99, 2661-2680.	1.6	2
30	Ferroelectric domain structures in strained BiFeO_3 ceramics synthesized by spark plasma sintering. Materials Characterization, 2020, 159, 110044.	4.4	2
31	Dynamical Electric and Magnetic Responses in the $\text{Bi}_{0.85}\text{Nd}_{0.15}\text{FeO}_3$ Ceramic with Morphotropic Phase Boundary. Materials Today Physics, 2021, 21, 100559.	6.0	1
32	Compositional engineering of perovskite materials. , 2021, , 203-224.		0