

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Control of Nano Grains and Wide Carbocyclic Layer Space of Forming Active Carbon with Extraordinary Capacitance Characteristics in Supercapacitors. Journal of Physical Chemistry C, 2021, 125, 6570-6584.	3.1	0
2	In Situ and Intraoperative Detection of the Ureter Injury Using a Highly Sensitive Piezoresistive Sensor with a Tunable Porous Structure. ACS Applied Materials & Interfaces, 2021, 13, 21669-21679.	8.0	9
3	Selectively doped barium ferrite ceramics with giant permittivity and high tunability under extremely low electric bias. Journal of Applied Physics, 2021, 130, 124101.	2.5	4
4	Mechanism of Doping-Induced Orientation of Magnetic Phase in a Sol-Gel-Derived Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ /BaTiO ₃ Multiferroic Thin Film with High Magnetoelectric Coupling. Journal of Physical Chemistry C, 2021, 125, 28025-28038.	3.1	0
5	Control of Oxygen Vacancies in TiO ₆ Octahedra of Amorphous BaTiO ₃ Thin Films with Tunable Built-in Electric Field in BaTiO ₃ /p-Si Heterojunction for Metal-Oxide-Semiconductor Applications. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1900941.	1.8	3
6	Magnetic-Assisted Transparent and Flexible Percolative Composite for Highly Sensitive Piezoresistive Sensor via Hot Embossing Technology. ACS Applied Materials & Interfaces, 2019, 11, 48331-48340.	8.0	33
7	Controllable synthesis of nickel nanowires and its application in high sensitivity, stretchable strain sensor for body motion sensing. Journal of Materials Chemistry C, 2018, 6, 4737-4745.	5.5	61
8	Synthesis of percolative hyperelastic conducting composite and demonstrations of application in wearable strain sensors. Materials Letters, 2018, 233, 306-309.	2.6	13
9	Formation of BaFe _{12-x} Ni _x O ₁₉ ceramics with considerably high dielectric and magnetic property coexistence. Journal of Alloys and Compounds, 2018, 765, 951-960.	5.5	22
10	Formation of BaFe _{12-x} Nb _x O ₁₉ and its high electromagnetic wave absorption properties in millimeter wave frequency range. Journal of the American Ceramic Society, 2017, 100, 3999-4010.	3.8	25
11	Effect of Ag doping on the formation and properties of percolative Ag/BiFeO ₃ composite thin film by sol-gel method. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	8
12	The tunable magnetic and microwave absorption properties of the Nb ⁵⁺ -Ni ²⁺ co-doped M-type barium ferrite. Journal of Materials Chemistry C, 2017, 5, 3461-3472.	5.5	63
13	Control of VO ²⁺ dipole pairs as well as MgTi ³⁺ defects on dielectric properties of Mg doped (Pb _{0.35} Sr _{0.65})TiO ₃ thin film. Journal of Applied Physics, 2016, 119, .	2.5	3
14	Zr ⁴⁺ -doping-controlled permittivity and permeability of BaFe _{12-x} Zr _x O ₁₉ and the extraordinary EM absorption power in the millimeter wavelength frequency range. Journal of Materials Chemistry C, 2016, 4, 9532-9543.	5.5	84
15	Control of the nanostructure in percolative multiferroic composites on the dielectric loss and magnetism threshold. Journal of Materials Chemistry C, 2015, 3, 9076-9088.	5.5	15
16	Multi-susceptible Single-Phased Ceramics with Both Considerable Magnetic and Dielectric Properties by Selectively Doping. Scientific Reports, 2015, 5, 9498.	3.3	46
17	Ferroelectric/ferromagnetic ceramic composite and its hybrid permittivity stemming from hopping charge and conductivity inhomogeneity. Journal of Applied Physics, 2013, 113, .	2.5	47
18	Dipole azimuth dependent permittivity in randomly and (100) oriented (Pb,Sr)TiO ₃ thin films. Journal of Materials Chemistry, 2011, 21, 10808.	6.7	19

#	ARTICLE	IF	CITATIONS
19	High dielectric tunability of (100) oriented $\text{Pb}_{1-x}\text{Sr}_x\text{TiO}_3$ thin film coordinately controlled by dipole activation and phase anisotropy. Journal of Applied Physics, 2011, 110, 124107.	2.5	20