

Yuanyuan Zhang

List of Publications by Year in descending order

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82
papers

2,392
citations

236925

25
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214800

47
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all docs

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docs citations

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times ranked

3585
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesizing Superior Flexible Oxide Perovskite Ceramic Nanofibers by Precisely Controlling Crystal Nucleation and Growth. <i>Small</i> , 2022, 18, e2106500.	10.0	16
2	Co ₃ O ₄ Nanoparticles Uniformly Dispersed in Rational Porous Carbon Nano-Boxes for Significantly Enhanced Electrocatalytic Detection of H ₂ O ₂ Released from Living Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3799.	4.1	7
3	Fabrication of Flexible Mesoporous Black Nb ₂ O ₅ Nanofiber Films for Visible-Light-Driven Photocatalytic CO ₂ Reduction into CH ₄ . <i>Advanced Materials</i> , 2022, 34, e2200756.	21.0	104
4	Spatial enhancement due to statistical learning tracks the estimated spatial probability. <i>Attention, Perception, and Psychophysics</i> , 2022, , .	1.3	3
5	Dynamic 3D DNA Rolling Walkers via Directional Movement on a Lipid Bilayer Supported by Au@Fe ₃ O ₄ Nanoparticles for Sensitive Detection of MiRNA-16. <i>Analytical Chemistry</i> , 2022, 94, 8346-8353.	6.5	14
6	Isolation, Antibacterial, Nematicidal and Anxiolytic Activities of Essential Oil from <i>Cinnamomum longepaniculatum</i> (Gamble) N. Chao ex H. W. Li Leaves. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2022, 25, 581-600.	1.9	3
7	Disruption of Epithelial Barrier of Caco-2 Cell Monolayers by Excretory Secretory Products of <i>Trichinella spiralis</i> Might Be Related to Serine Protease. <i>Frontiers in Microbiology</i> , 2021, 12, 634185.	3.5	13
8	Dielectric Relaxation Behavior of BTO/LSMO Heterojunction. <i>Nanomaterials</i> , 2021, 11, 1109.	4.1	3
9	Structural, electrical, magnetic and optical properties of BaTi _{1-x} (Ni _{1/2} Nb _{1/2}) _x O ₃ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 19519-19528.	2.2	1
10	Bifunctional Moderator-Powered Ratiometric Electrochemiluminescence Enzymatic Biosensors for Detecting Organophosphorus Pesticides Based on Dual-Signal Combined Nanoprobes. <i>Analytical Chemistry</i> , 2021, 93, 8783-8790.	6.5	41
11	Specific cation stoichiometry control of SrMnO _{3-δ} thin films via RHEED oscillations. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	2
12	Ultrasensitive Detection of Amyloid β Oligomers Based on the α -DDA-FRET Binary Probes and Quadrivalent Cruciform DNA Nanostructure-Mediated Cascaded Amplifier. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 32013-32021.	8.0	13
13	Oxygen-vacancy-enhanced Catalytic Activity of Au@Co ₃ O ₄ /CeO ₂ Yolk-shell Nanocomposite to Electrochemically Detect Hydrogen Peroxide. <i>Electroanalysis</i> , 2021, 33, 2180-2186.	2.9	4
14	Enhancement of Energy-Storage Density in PZT/PZO-Based Multilayer Ferroelectric Thin Films. <i>Nanomaterials</i> , 2021, 11, 2141.	4.1	17
15	Cenozoic Crustally-derived Carbonate-rich Magmatic Rocks in West Junggar, North Xinjiang, Western China: Geochronology, Geochemistry and Tectonic Implications. <i>Acta Geologica Sinica</i> , 2021, 95, 1112-1127.	1.4	0
16	The effect of stress on the magnetic properties of sol-gel-derived Pr _{0.9} Ca _{0.1} MnO ₃ thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 23126-23133.	2.2	0
17	Superior Flexibility in Oxide Ceramic Crystal Nanofibers. <i>Advanced Materials</i> , 2021, 33, e2105011.	21.0	46
18	Effect of polarization on photoexcited carrier dynamics in ferroelectric thin films. <i>Journal of the European Ceramic Society</i> , 2021, 41, 151-157.	5.7	1

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19	High-Performance Photodetectors with an Ultrahigh Photoswitching Ratio and a Very Fast Response Speed in Self-Powered Cu ₂ ZnSnS ₄ /CdS PN Heterojunctions. ACS Applied Electronic Materials, 2021, 3, 4135-4143.	4.3	10
20	Autophagy Induced by Palmitic Acid Regulates Neutrophil Adhesion Through the Granule-Dependent Degradation of β 2 Integrin in Dairy Cows With Fatty Liver. Frontiers in Immunology, 2021, 12, 726829.	4.8	2
21	Nanometer-Thick Metastable Zinc Blende β -MnTe Single-Crystalline Films for High-Performance Ultraviolet and Broadband Photodetectors. ACS Applied Nano Materials, 2020, 3, 12046-12054.	5.0	8
22	Fe doping effect on the structural, ferroelectric and magnetic properties of polycrystalline BaTi _{1-x} FexO ₃ ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 14487-14493.	2.2	7
23	Acceleration of goethite-catalyzed Fenton-like oxidation of ofloxacin by biochar. Journal of Hazardous Materials, 2020, 397, 122783.	12.4	71
24	Effect of recombinant serine protease from adult stage of Trichinella spiralis on TNBS-induced experimental colitis in mice. International Immunopharmacology, 2020, 86, 106699.	3.8	18
25	Ni doping effect on the magnetic properties of polycrystalline Y-type hexaferrite Ba _{0.5} Sr _{1.5} Zn ₂ Fe ₁₂ xNi _x O ₂₂ . Journal of Materials Science: Materials in Electronics, 2020, 31, 6538-6546.	2.2	2
26	Extracellular Vesicles Derived From Trichinella spiralis Muscle Larvae Ameliorate TNBS-Induced Colitis in Mice. Frontiers in Immunology, 2020, 11, 1174.	4.8	44
27	Spin-phonon coupling and two-magnons scattering behaviors in hexagonal NiAs-type antiferromagnetic MnTe epitaxial films. Journal of Raman Spectroscopy, 2020, 51, 1383-1389.	2.5	10
28	Correlation of oxygen vacancy and Jahn-Teller polarons in epitaxial perovskite SrMnO ₃ ultrathin films: Dielectric spectroscopy investigations. Applied Physics Letters, 2020, 116, .	3.3	5
29	Revealing a metastable cubic phase in CoFe ₂ O ₄ /SrTiO ₃ three-dimensional network heteroepitaxial nanostructure. Journal of Applied Physics, 2020, 128, 225303.	2.5	0
30	A Novel Catalyst-Free Synthesis of 2,2-Diaryl Enamides from Stilbenes via a Nitrene Transfer Reaction. European Journal of Organic Chemistry, 2019, 2019, 5720-5724.	2.4	6
31	Room temperature hidden state in a manganite observed by time-resolved X-ray diffraction. Npj Quantum Materials, 2019, 4, .	5.2	2
32	Polymer Template Synthesis of Soft, Light, and Robust Oxide Ceramic Films. IScience, 2019, 15, 185-195.	4.1	34
33	Polyelectrolyte nanocapsule probe for the determination of imidacloprid in agricultural food samples. Food and Agricultural Immunology, 2019, 30, 432-445.	1.4	9
34	Magnetism tuned by intercalation of various metal ions in coordination polymer. Chinese Chemical Letters, 2019, 30, 1390-1392.	9.0	15
35	Shape-Controlled Synthesis of Trimetallic PtPdCu Nanocrystals and Their Electrocatalytic Properties. ACS Applied Energy Materials, 2019, 2, 2515-2523.	5.1	27
36	Temperature-Dependent Spin-Orbit Torques in Perpendicular Magnetic [Co/Ni] N/TbCo Composite Films. Advanced Electronic Materials, 2019, 5, 1900014.	5.1	7

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37	PtFeCu Concave Octahedron Nanocrystals as Electrocatalysts for the Methanol Oxidation Reaction. <i>Langmuir</i> , 2019, 35, 16752-16760.	3.5	24
38	Microstructure evolution and strengthening mechanism of Cu _x [Ni ₃ Mo] alloys. <i>Materials Science and Technology</i> , 2019, 35, 98-106.	1.6	2
39	Fast Ion Transport Pathway Provided by Polyethylene Glycol Confined in Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 1923-1927.	13.7	217
40	Metallic few-layered VSe ₂ nanosheets: high two-dimensional conductivity for flexible in-plane solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8299-8306.	10.3	89
41	Microstructure evolution determined by the crystalline phases competition in self-assembled WO ₃ -BiVO ₄ hetero nanostructures. <i>Journal of Applied Physics</i> , 2018, 123, 085305.	2.5	4
42	Trimetallic PtPdCu nanowires as an electrocatalyst for methanol and formic acid oxidation. <i>New Journal of Chemistry</i> , 2018, 42, 19083-19089.	2.8	35
43	Facile Synthesis of Fe ₃ Pt-Ag Nanocomposites for Catalytic Reduction of Methyl Orange. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 871-876.	2.6	13
44	The effect of film/electrode interfaces on the dielectric responses of highly (000 <i>l</i>)-oriented M-type BaFe ₁₂ O ₁₉ thin films synthesized using chemical solution deposition. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	5
45	Synthesis and evaluation of a novel water-soluble high Se-enriched Astragalus polysaccharide nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1438-1448.	7.5	30
46	Hierarchical NiCo ₂ O ₄ @NiCo ₂ S ₄ Nanocomposite on Ni Foam as an Electrode for Hybrid Supercapacitors. <i>ACS Omega</i> , 2018, 3, 5634-5642.	3.5	99
47	A Flexible Metal-Organic Framework with 4-Connected Zr ₆ Nodes. <i>Journal of the American Chemical Society</i> , 2018, 140, 11179-11183.	13.7	158
48	Coral-Shaped MoS ₂ Decorated with Graphene Quantum Dots Performing as a Highly Active Electrocatalyst for Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3653-3660.	8.0	98
49	The preparation, and structural and multiferroic properties of B-site ordered double-perovskite Bi ₂ FeMnO ₆ . <i>Journal of Materials Chemistry C</i> , 2017, 5, 5494-5500.	5.5	28
50	Thickness dependent magnetic properties of epitaxial La _{0.7} Sr _{0.3} MnO ₃ thin films prepared by chemical solution deposition method. <i>Ceramics International</i> , 2017, 43, S493-S496.	4.8	3
51	Structure influence on the magnetic properties of La _{0.7} Sr _{0.3} MnO ₃ /La _{0.7} Ca _{0.3} MnO ₃ multilayer thin films fabricated by chemical solution deposition method. <i>Ceramics International</i> , 2017, 43, S497-S500.	4.8	2
52	Electric field control of magnetism in nickel with coaxial cylinder structure at room temperature by electric double layer gating. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10609-10614.	5.5	3
53	Structural and magnetic properties of perovskite SrMnO ₃ thin films grown by molecular beam epitaxy. <i>Thin Solid Films</i> , 2017, 644, 57-64.	1.8	14
54	Scaling behavior for (Bi _{0.5} Na _{0.5})TiO ₃ based lead-free relaxor ferroelectric ceramics. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	25

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55	Strong influence of polaron-polaron interaction on the magnetoresistance effect in La _{0.7} A _{0.3} MnO ₃ thin films. <i>Applied Physics Letters</i> , 2017, 111, 192408.	3.3	6
56	Three-Dimensional Anionic Cyclodextrin-Based Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16313-16317.	13.8	290
57	Three-Dimensional Anionic Cyclodextrin-Based Covalent Organic Frameworks. <i>Angewandte Chemie</i> , 2017, 129, 16531-16535.	2.0	54
58	Role of indium tin oxide electrode on the microstructure of self-assembled WO ₃ -BiVO ₄ hetero nanostructures. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	6
59	Synthesis, Structure and Properties of Formamide-templated Metal Formate Crystals. <i>Crystal Research and Technology</i> , 2017, 52, 1700195.	1.3	3
60	REG ³ Contributes to Regulation of Hemoglobin and Hemoglobin ¹ Subunit. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	4.0	7
61	Improved Performance of YIG (Y ₃ Fe ₅ O ₁₂) Films Grown on Pt-Buffered Si Substrates by Chemical Solution Deposition Technique. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2217-2220.	3.8	8
62	Effect of Nb and more Fe ions co-doping on the microstructures, magnetic, and piezoelectric properties of Aurivillius Bi ₅ Ti ₃ FeO ₁₅ phases. <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	19
63	Spin-glass state induced low field magnetization-step effect in a HgMnTe single crystal. <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 2015-2019.	1.5	0
64	Dielectric behaviors of Aurivillius Bi ₅ Ti ₃ Fe _{0.5} Cr _{0.5} O ₁₅ multiferroic polycrystals: Determining the intrinsic magnetoelectric responses by impedance spectroscopy. <i>Scientific Reports</i> , 2016, 5, 17846.	3.3	49
65	Iron oxyhydroxide nanorods with high electrochemical reactivity as a sensitive and rapid determination platform for 4-chlorophenol. <i>Journal of Hazardous Materials</i> , 2016, 307, 36-42.	12.4	12
66	Annealing Effect on the Physical Properties of La _{0.7} Sr _{0.3} MnO ₃ Thin Films Grown on Si Substrates Prepared by Chemical Solution Deposition Method. <i>Ferroelectrics</i> , 2016, 491, 143-148.	0.6	0
67	Hollow Structured Micro/Nano MoS ₂ Spheres for High Electrocatalytic Activity Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 5517-5525.	8.0	190
68	Large room-temperature magnetoresistance in epitaxial La _{0.7} Ca _{0.25} Sr _{0.05} MnO ₃ thin films prepared by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 78, 576-581.	2.4	10
69	Highly orientated growth and characterization of La _{0.7} Sr _{0.3} MnO ₃ thin films with different orientations on SrTiO ₃ substrates by chemical solution deposition method. <i>Journal of Applied Physics</i> , 2015, 117, 17E102.	2.5	8
70	Eicosapentaenoic acid (EPA) induced apoptosis in HepG2 cells through ROS-Ca ²⁺ -JNK mitochondrial pathways. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 926-932.	2.1	40
71	Anti-inflammatory Activity and Mechanism of Surfactin in Lipopolysaccharide-Activated Macrophages. <i>Inflammation</i> , 2015, 38, 756-764.	3.8	68
72	Oxidative challenge enhances REG ³ -proteasome-dependent protein degradation. <i>Free Radical Biology and Medicine</i> , 2015, 82, 42-49.	2.9	11

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73	Structure, magnetic and transport properties of $\text{La}_{0.7}\text{Ca}_{0.3}\text{Sr MnO}_3$ thin films by sol-gel method. <i>Ceramics International</i> , 2015, 41, S381-S386.	4.8	60
74	Magnetic and Dielectric Properties in Multiferroic Y-type Hexaferrite. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 603, 235-239.	0.9	6
75	Magnetocaloric effect in multiferroic Y-type hexaferrite $\text{Ba}_{0.5}\text{Sr}_{1.5}\text{Zn}_2(\text{Fe}_{0.92}\text{Al}_{0.08})_{12}\text{O}_{22}$. <i>AIP Advances</i> , 2014, 4, .	1.3	15
76	Fabrication and Dielectric Properties of $\text{Ba}_{0.63}\text{Sr}_{0.37}\text{TiO}_3$ Thin Films on SiC Substrates. <i>Journal of the American Ceramic Society</i> , 2014, 97, 3048-3051.	3.8	13
77	Marigold-like Cu_x ($x = 1.81, 2$) S nanocrystals: controllable synthesis, field emission, and photocatalytic properties. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 801-808.	2.3	6
78	Structure and magnetic properties of $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ thin films prepared by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 67, 170-174.	2.4	15
79	Oxygen vacancy induced photoluminescence and ferromagnetism in SrTiO_3 thin films by molecular beam epitaxy. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	31
80	The Cr-substitution concentration dependence of the structural, electric and magnetic behaviors for Aurivillius $\text{Bi}_5\text{Ti}_3\text{FeO}_{15}$ multiferroic ceramics. <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	41
81	The curing retardation and mechanism of high temperature vulcanizing silicone rubber filled with superconductive carbon blacks. <i>Polymer Engineering and Science</i> , 2011, 51, 170-178.	3.1	9
82	Emission mechanism in the terbium complex doped PVK system. <i>Frontiers of Optoelectronics in China</i> , 2008, 1, 130-133.	0.2	1