

Caifeng Chen

List of Publications by Year in descending order

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33
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printing of electroactive PVDF thin films with high β -phase content. Smart Materials and Structures, 2019, 28, 065017.	3.5	37
2	Preparation of nano γ -alumina powder and wear resistance of nanoparticles reinforced composite coating. Powder Technology, 2014, 257, 83-87.	4.2	25
3	Enhanced β -Phase in Direct Ink Writing PVDF Thin Films by Intercalation of Graphene. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1497-1502.	3.7	25
4	Synthesis, characterization, and enhanced properties of novel graphite-like carbon nitride/polyimide composite films. High Performance Polymers, 2015, 27, 950-960.	1.8	20
5	Preparation and properties of antibacterial PVDF composite thin films. European Polymer Journal, 2021, 160, 110803.	5.4	17
6	Reduced hysteresis of KNNS-BNKZ piezoelectric ceramics through the control of sintering temperature. Ceramics International, 2018, 44, 12435-12441.	4.8	13
7	Direct writing of PVDF piezoelectric film based on near electric field added by $[Emim]BF_4$. Materials Research Express, 2020, 7, 016437.	1.6	13
8	Enhanced Electrical Properties of PVDF Thin Film by Addition of NaCl by Near-Electric-Field 3D Printing. Journal of Electronic Materials, 2021, 50, 4781-4786.	2.2	13
9	Direct writing polyvinylidene difluoride thin films by intercalation of $n\text{-ZnO}$. Polymer Engineering and Science, 2021, 61, 1802-1809.	3.1	10
10	Effects of heat treatment on microstructure and high-temperature tensile properties of nickel-based single-crystal superalloys. Materials Research Express, 2019, 6, 126527.	1.6	8
11	Electroprinting of MWCNT-assisted PVDF thin films with enhanced electrical properties. Applied Surface Science Advances, 2021, 5, 100115.	6.8	8
12	Enhanced linearity of KNNS-BNKZ ceramics by combining the controls of phase composition and microstructure. Ceramics International, 2018, 44, 8380-8386.	4.8	7
13	Orthogonal Anisotropic Sensing and Actuating Characteristics of a 1-3 PZT Piezoelectric Microfiber Composite. Journal of Electronic Materials, 2020, 49, 4903-4909.	2.2	7
14	Electro-Assisted 3D Printing Multi-Layer PVDF/ $CaCl_2$ Composite Films and Sensors. Coatings, 2022, 12, 820.	2.6	7
15	Fabrication and Piezoelectric Property Characterization of New Micro PZT Fibers and 1-3 Piezo-Composites. Nanoscience and Nanotechnology Letters, 2012, 4, 95-99.	0.4	6
16	Preparation and Piezoelectric Properties of PZT Nano Fibers and PZT Textured Ceramics. Science of Advanced Materials, 2012, 4, 749-752.	0.7	5
17	Preparation and Luminescence Properties of PVDF/ $ZnS:Mn$ Flexible Thin-Film Sensors. Coatings, 2022, 12, 449.	2.6	5
18	Fabrication and performance of porous lithium sodium potassium niobate ceramic. Materials Research Express, 2018, 5, 025404.	1.6	4

#	ARTICLE	IF	CITATIONS
19	High-Performance Phase Change Composite of Acetamide/Silica-Network for Thermal Storage. Nanoscience and Nanotechnology Letters, 2013, 5, 84-88.	0.4	3
20	Fabrication of Flexible Piezoelectric PZT/Fabric Composite. Scientific World Journal, The, 2013, 2013, 1-4.	2.1	3
21	Effect of aging-deformation-treatment on the formation of intragranular ferrite in V-microalloyed steel. Materials Science and Technology, 2017, 33, 1942-1947.	1.6	3
22	Effects of Ultrasonic on Preparation of Alumina Powder by Wet Chemical Method. Advanced Science Letters, 2011, 4, 1249-1253.	0.2	3
23	Fabrication and Characterization of Micro Piezoelectric Fibers and 1-3 Composites. Nanoscience and Nanotechnology Letters, 2012, 4, 989-992.	0.4	2
24	Thermal fatigue behavior of a nickel-base single crystal superalloy DD5 with secondary orientation. Materials Research Express, 2018, 5, 106516.	1.6	2
25	Phase transitional behavior and enhanced electromechanical properties of KNNS-BNKZ piezoceramic sheets induced by grinding. Ceramics International, 2020, 46, 9590-9595.	4.8	2
26	Optimised design of structure for orthotropic piezoelectric fibre composite materials based on Ansys. Materials Research Innovations, 2014, 18, S2-136-S2-139.	2.3	1
27	Hot deformation behaviours and spheroidization mechanisms of Ti-5322 alloy during hot compression. Materials Research Express, 2021, 8, 016531.	1.6	1
28	Silica/Acetamide Composite as Form-Stable Phase Change Material for Latent Heat Thermal Energy Storage. Journal of Advanced Microscopy Research, 2012, 7, 286-291.	0.3	1
29	Preparation of Flexible Nano Piezoelectric/Glass Fiber Cloth Composite by Hydrothermal Method. Nanoscience and Nanotechnology Letters, 2014, 6, 357-360.	0.4	1
30	Fabrication and Properties of Lithium Sodium Potassium Niobate Lead-Free Piezoelectric Ceramics. Journal of Advanced Microscopy Research, 2017, 12, 85-88.	0.3	1
31	Study on the Luminescence Properties of ZnS:Mn ²⁺ Particles by High Temperature Solid Phase Method. Journal of Physics: Conference Series, 2022, 2168, 012023.	0.4	1
32	Fabrication of 1-3 piezo-composites using new micro PZT fibers. , 2011, , .		0
33	Analysis of Electro-Mechanical Coupling Property on Piezoelectric Nanofibers with Metal Core and Shell Using Comsol Multi-Physics. Nanoscience and Nanotechnology Letters, 2015, 7, 200-203.	0.4	0