

# Caifeng Chen

## List of Publications by Year in descending order

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times ranked

257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on the Luminescence Properties of ZnS:Mn <sup>2+</sup> Particles by High Temperature Solid Phase Method. Journal of Physics: Conference Series, 2022, 2168, 012023.	0.4	1
2	Preparation and Luminescence Properties of PVDF/ZnS:Mn Flexible Thin-Film Sensors. Coatings, 2022, 12, 449.	2.6	5
3	Electro-Assisted 3D Printing Multi-Layer PVDF/CaCl <sub>2</sub> Composite Films and Sensors. Coatings, 2022, 12, 820.	2.6	7
4	Direct writing polyvinylidene difluoride thin films by intercalation of $\text{ZnO}$ . Polymer Engineering and Science, 2021, 61, 1802-1809.	3.1	10
5	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
6	Electroprinting of MWCNT-assisted PVDF thin films with enhanced electrical properties. Applied Surface Science Advances, 2021, 5, 100115.	6.8	8
7	Preparation and properties of antibacterial PVDF composite thin films. European Polymer Journal, 2021, 160, 110803.	5.4	17
8	Hot deformation behaviours and spheroidization mechanisms of Ti-5322 alloy during hot compression. Materials Research Express, 2021, 8, 016531.	1.6	1
9	Enhanced $\beta$ -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
10	Phase transitional behavior and enhanced electromechanical properties of KNNS-BNKZ piezoceramic sheets induced by grinding. Ceramics International, 2020, 46, 9590-9595.	4.8	2
11	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
12	Direct writing of PVDF piezoelectric film based on near electric field added by $[\text{Emim}]\text{BF}_4$ . Materials Research Express, 2020, 7, 016437.	1.6	13
13	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
14	3D printing of electroactive PVDF thin films with high $\beta$ -phase content. Smart Materials and Structures, 2019, 28, 065017.	3.5	37
15	Fabrication and performance of porous lithium sodium potassium niobate ceramic. Materials Research Express, 2018, 5, 025404.	1.6	4
16	Enhanced linearity of KNNS-BNKZ ceramics by combining the controls of phase composition and microstructure. Ceramics International, 2018, 44, 8380-8386.	4.8	7
17	Reduced hysteresis of KNNS-BNKZ piezoelectric ceramics through the control of sintering temperature. Ceramics International, 2018, 44, 12435-12441.	4.8	13
18	Thermal fatigue behavior of a nickel-base single crystal superalloy DD5 with secondary orientation. Materials Research Express, 2018, 5, 106516.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Effect of aging-deformation-treatment on the formation of intragranular ferrite in V-microalloyed steel. <i>Materials Science and Technology</i> , 2017, 33, 1942-1947.	1.6	3
20	Fabrication and Properties of Lithium Sodium Potassium Niobate Lead-Free Piezoelectric Ceramics. <i>Journal of Advanced Microscopy Research</i> , 2017, 12, 85-88.	0.3	1
21	Synthesis, characterization, and enhanced properties of novel graphite-like carbon nitride/polyimide composite films. <i>High Performance Polymers</i> , 2015, 27, 950-960.	1.8	20
22	Analysis of Electro-Mechanical Coupling Property on Piezoelectric Nanofibers with Metal Core and Shell Using Comsol Multi-Physics. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 200-203.	0.4	0
23	Optimised design of structure for orthotropic piezoelectric fibre composite materials based on Ansys. <i>Materials Research Innovations</i> , 2014, 18, S2-136-S2-139.	2.3	1
24	Preparation of nano $\gamma$ -alumina powder and wear resistance of nanoparticles reinforced composite coating. <i>Powder Technology</i> , 2014, 257, 83-87.	4.2	25
25	Preparation of Flexible Nano Piezoelectric/Glass Fiber Cloth Composite by Hydrothermal Method. <i>Nanoscience and Nanotechnology Letters</i> , 2014, 6, 357-360.	0.4	1
26	High-Performance Phase Change Composite of Acetamide/Silica-Network for Thermal Storage. <i>Nanoscience and Nanotechnology Letters</i> , 2013, 5, 84-88.	0.4	3
27	Fabrication of Flexible Piezoelectric PZT/Fabric Composite. <i>Scientific World Journal</i> , The, 2013, 2013, 1-4.	2.1	3
28	Fabrication and Characterization of Micro Piezoelectric Fibers and $1\mu\text{m}^3$ Composites. <i>Nanoscience and Nanotechnology Letters</i> , 2012, 4, 989-992.	0.4	2
29	Silica/Acetamide Composite as Form-Stable Phase Change Material for Latent Heat Thermal Energy Storage. <i>Journal of Advanced Microscopy Research</i> , 2012, 7, 286-291.	0.3	1
30	Fabrication and Piezoelectric Property Characterization of New Micro PZT Fibers and $1\mu\text{m}^3$ Piezo-Composites. <i>Nanoscience and Nanotechnology Letters</i> , 2012, 4, 95-99.	0.4	6
31	Preparation and Piezoelectric Properties of PZT Nano Fibers and PZT Textured Ceramics. <i>Science of Advanced Materials</i> , 2012, 4, 749-752.	0.7	5
32	Fabrication of 1-3 piezo-composites using new micro PZT fibers. , 2011, , .		0
33	Effects of Ultrasonic on Preparation of Alumina Powder by Wet Chemical Method. <i>Advanced Science Letters</i> , 2011, 4, 1249-1253.	0.2	3