

# Yun-Fei Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

852  
citations

567281

15  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1040  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geopolymer, green alkali activated cementitious material: Synthesis, applications and challenges. <i>Construction and Building Materials</i> , 2019, 224, 930-949.	7.2	190
2	PEDOT:PSS/graphene quantum dots films with enhanced thermoelectric properties via strong interfacial interaction and phase separation. <i>Scientific Reports</i> , 2018, 8, 6441.	3.3	151
3	Flexible, stretchable and conductive PVA/PEDOT:PSS composite hydrogels prepared by SIPN strategy. <i>Polymer Testing</i> , 2020, 81, 106213.	4.8	86
4	Preparation and performances of novel waterborne intumescent fire retardant coatings. <i>Progress in Organic Coatings</i> , 2016, 95, 100-106.	3.9	52
5	Silver nanoparticles/polydopamine coated polyvinyl alcohol sponge as an effective and recyclable catalyst for reduction of 4-nitrophenol. <i>Materials Chemistry and Physics</i> , 2019, 225, 42-49.	4.0	39
6	Highly transparent, adhesive, stretchable and conductive PEDOT:PSS/polyacrylamide hydrogels for flexible strain sensors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 625, 126897.	4.7	39
7	Excellent self-healing and antifogging coatings based on polyvinyl alcohol/hydrolyzed poly(styrene-co-maleic anhydride). <i>Journal of Materials Science</i> , 2019, 54, 5961-5970.	3.7	27
8	Fabrication of Porous Polyvinylidene Fluoride/Multi-Walled Carbon Nanotube Nanocomposites and Their Enhanced Thermoelectric Performance. <i>Polymers</i> , 2018, 10, 797.	4.5	26
9	Synthesis of deformable hydrogel composites based on Janus bilayer multi-walled carbon nanotubes/host-guest complex structure. <i>Composites Part B: Engineering</i> , 2019, 164, 121-128.	12.0	26
10	Effects of the addition mode and amount of organic montmorillonite in soft-core/hard-shell emulsion on fire protection, water resistance and stability of fire retardant coating. <i>Progress in Organic Coatings</i> , 2016, 101, 350-358.	3.9	25
11	Superhigh strength of geopolymer with the addition of polyphosphate. <i>Ceramics International</i> , 2018, 44, 2578-2583.	4.8	20
12	Interfacial enhancement effect of graphene quantum dots on PEDOT:PSS/single-walled carbon nanotubes thermoelectric materials. <i>Synthetic Metals</i> , 2021, 280, 116861.	3.9	20
13	Enhanced Thermoelectric Properties of Bilayer-Like Structural Graphene Quantum Dots/Single-Walled Carbon Nanotubes Hybrids. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 39145-39153.	8.0	19
14	The effect of polystyrene sulfonate on the thermoelectric properties of polyaniline/silver nanowires nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 8666-8672.	2.2	17
15	Modulating Carrier Type for Enhanced Thermoelectric Performance of Single-Walled Carbon Nanotubes/Polyethyleneimine Composites. <i>Polymers</i> , 2019, 11, 1295.	4.5	17
16	Enhanced thermal conductivity of poly(L-lactide) composites with synergistic effect of aluminum nitride and modified multi-walled carbon nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016, 24, 667-673.	2.1	13
17	Dual-functional intumescent fire-retardant/self-healing water-based plywood coatings. <i>Progress in Organic Coatings</i> , 2021, 154, 106187.	3.9	13
18	Crystallization behavior of stable urea formaldehyde resin dispersed by polyvinyl alcohol. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 13-20.	2.4	12

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19	Enhanced thermoelectric performance by constructing PEDOT:PSS/graphene quantum dots/single-walled carbon nanotube multilayer films. <i>Journal of Alloys and Compounds</i> , 2022, 911, 164998.	5.5	12
20	Urea formaldehyde resin with low formaldehyde content modified by phenol formaldehyde intermediates and properties of its bamboo particleboards. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	11
21	Recyclable Ag/halloysite nanotubes/polyvinyl alcohol sponges for enhanced reduction of 4-nitrophenol. <i>Applied Clay Science</i> , 2022, 223, 106510.	5.2	10
22	Oil-repellent and antifog coatings based on poly(vinyl alcohol)/hydrolyzed poly (styrene-co-maleic) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.9	8
23	Synergistic effects of water and carbon dioxide on the reversible thermoelectric behaviors of polyethyleneimine/single-walled carbon nanotubes composites. <i>Synthetic Metals</i> , 2020, 266, 116429.	3.9	7
24	Thermally Sensitive Nâ€¢Type Thermoelectric Aniline Oligomerâ€¢Blockâ€¢Polyethylene Glycolâ€¢Blockâ€¢Aniline Oligomer ABA Triblock Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700635.	2.2	6
25	Dual-modal fullerene probe containing glypican-3 monoclonal antibody for electron paramagnetic resonance/fluorescence imaging. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 280-287.	2.1	4
26	Perforative silica microsphere-modified phenolphthalein-based poly(arylene ether sulfone) composites: tensile and thermal properties. <i>Iranian Polymer Journal (English Edition)</i> , 2018, 27, 611-619.	2.4	2