

# Zijian Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5590539/publications.pdf>

Version: 2024-02-01

18  
papers

1,093  
citations

686830

13  
h-index

940134

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible Sandwich Structural Strain Sensor Based on Silver Nanowires Decorated with Self-Healing Substrate. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900074.	1.7	187
2	Interfacially reinforced unsaturated polyester carbon fiber composites with a vinyl ester-carbon nanotubes sizing agent. <i>Composites Science and Technology</i> , 2018, 164, 195-203.	3.8	173
3	Electrically Insulated Epoxy Nanocomposites Reinforced with Synergistic Core-Shell SiO <sub>2</sub> @MWCNTs and Montmorillonite Bifillers. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700357.	1.1	161
4	Emerging flexible sensors based on nanomaterials: recent status and applications. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25499-25527.	5.2	106
5	Recent progress for silver nanowires conducting film for flexible electronics. <i>Journal of Nanostructure in Chemistry</i> , 2021, 11, 323-341.	5.3	88
6	Overview of Ionogels in Flexible Electronics. <i>Chemical Record</i> , 2020, 20, 948-967.	2.9	72
7	A highly stretchable, sensing durability, transparent, and environmentally stable ion conducting hydrogel strain sensor built by interpenetrating Ca <sup>2+</sup> -SA and glycerol-PVA double physically cross-linked networks. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1712-1729.	9.9	57
8	Overview of Polyvinyl Alcohol Nanocomposite Hydrogels for Electro-Skin, Actuator, Supercapacitor and Fuel Cell. <i>Chemical Record</i> , 2020, 20, 773-792.	2.9	55
9	Recent advancements in self-healing materials: Mechanicals, performances and features. <i>Reactive and Functional Polymers</i> , 2021, 168, 105041.	2.0	51
10	Ultra-sensitive flexible sandwich structural strain sensors based on a silver nanowire supported PDMS/PVDF electrospun membrane substrate. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2752-2762.	2.7	41
11	Mechanical properties of carbon fiber composites modified with graphene oxide in the interphase. <i>Polymer Composites</i> , 2017, 38, 2425-2432.	2.3	33
12	Microstructures, electrical behavior and energy storage properties of Ag@shell/PVDF-based polymers: different effects between an organic polydopamine shell and inorganic zinc oxide shell. <i>Journal of Materials Science</i> , 2020, 55, 15238-15251.	1.7	26
13	Sandwich-type porous polyimide film with improved dielectric, water resistance and mechanical properties. <i>Journal of Materials Science</i> , 2019, 54, 5952-5960.	1.7	17
14	Epoxy nanocomposites with carbon nanotubes and montmorillonite: Mechanical properties and electrical insulation. <i>Journal of Composite Materials</i> , 2016, 50, 3363-3372.	1.2	12
15	Honeycomb-Patterned Polyimide Film as a Versatile Coating for High-Performance Dielectric Material. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1836-1841.	1.7	6
16	Research on structure and properties of <sc>MWCNT</sc>@<sc>PDA</sc>/polymer matrix composite films with enhanced energy storage performance. <i>Polymer Engineering and Science</i> , 2022, 62, 1281-1293.	1.5	6
17	Analysis on the structure and electrical property of PI/MWNTs films. , 2009, , .		2
18	Effects of inorganic components on aggregate structure of the PI/SiO <sub>2</sub> hybrid film. , 2009, , .		0