

Zijian Wu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

627
citations

10
h-index

18
g-index

18
ext. papers

843
ext. citations

5.6
avg, IF

3.86
L-index

#	Paper	IF	Citations
16	Electrically Insulated Epoxy Nanocomposites Reinforced with Synergistic CoreShell SiO ₂ @MWCNTs and Montmorillonite Bifillers. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1700357	2.6	150
15	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	8.6	149
14	Flexible Sandwich Structural Strain Sensor Based on Silver Nanowires Decorated with Self-Healing Substrate. <i>Macromolecular Materials and Engineering</i> , 2019 , 304, 1900074	3.9	138
13	Emerging flexible sensors based on nanomaterials: recent status and applications. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 25499-25527	13	40
12	Overview of Ionogels in Flexible Electronics. <i>Chemical Record</i> , 2020 , 20, 948-967	6.6	26
11	Overview of Polyvinyl Alcohol Nanocomposite Hydrogels for Electro-Skin, Actuator, Supercapacitor and Fuel Cell. <i>Chemical Record</i> , 2020 , 20, 773-792	6.6	24
10	Mechanical properties of carbon fiber composites modified with graphene oxide in the interphase. <i>Polymer Composites</i> , 2017 , 38, 2425-2432	3	23
9	Recent progress for silver nanowires conducting film for flexible electronics. <i>Journal of Nanostructure in Chemistry</i> , 2021 , 11, 1-19	7.6	22
8	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	7.1	13
7	Epoxy nanocomposites with carbon nanotubes and montmorillonite: Mechanical properties and electrical insulation. <i>Journal of Composite Materials</i> , 2016 , 50, 3363-3372	2.7	10
6	Sandwich-type porous polyimide film with improved dielectric, water resistance and mechanical properties. <i>Journal of Materials Science</i> , 2019 , 54, 5952-5960	4.3	10
5	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	4.3	8
4	Recent advancements in self-healing materials: Mechanicals, performances and features. <i>Reactive and Functional Polymers</i> , 2021 , 168, 105041	4.6	8
3	A highly stretchable, sensing durability, transparent, and environmentally stable ion conducting hydrogel strain sensor built by interpenetrating Ca ²⁺ -SA and glycerol-PVA double physically cross-linked networks. <i>Advanced Composites and Hybrid Materials</i> , 1	8.7	4
2	Analysis on the structure and electrical property of PI/MWNTs films 2009 ,		1
1	Honeycomb-Patterned Polyimide Film as a Versatile Coating for High-Performance Dielectric Material. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1836	4.5	1