

Xu Fang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5133226/publications.pdf>

Version: 2024-02-01

9
papers

573
citations

1478505
6
h-index

1872680
6
g-index

9
all docs

9
docs citations

9
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	Salt-Mediated Polyampholyte Hydrogels with High Mechanical Strength, Excellent Self-Healing Property, and Satisfactory Electrical Conductivity. <i>Advanced Functional Materials</i> , 2018, 28, 1804416.	14.9	201
2	Highly Transparent and Water-Enabled Healable Antifogging and Frost-Resisting Films Based on Poly(vinyl alcohol)-Nafion Complexes. <i>Chemistry of Materials</i> , 2016, 28, 6975-6984.	6.7	96
3	Dynamic Hydrophobic Domains Enable the Fabrication of Mechanically Robust and Highly Elastic Poly(vinyl alcohol)-Based Hydrogels with Excellent Self-Healing Ability. , 2020, 2, 764-770.		59
4	One-Step Synthesis of Healable Weak-Polyelectrolyte-Based Hydrogels with High Mechanical Strength, Toughness, and Excellent Self-Recovery. <i>ACS Macro Letters</i> , 2019, 8, 500-505.	4.8	52
5	Healable and Recyclable Polymeric Materials with High Mechanical Robustness. , 2022, 4, 554-571.		49
6	Facile Fabrication of Room-Temperature Self-Healing, Mechanically Robust, Highly Stretchable, and Tough Polymers Using Dual Dynamic Cross-Linked Polymer Complexes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33356-33363.	8.0	41
7	Healable and shape editable supercapacitors based on shape memory polyurethanes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17456-17465.	10.3	40
8	Degradable, Recyclable, Water-Resistant, and Eco-Friendly Poly(vinyl alcohol)-Based Supramolecular Plastics. , 2022, 4, 1132-1138.		26
9	Complexation of Sulfonate-Containing Polyurethane and Polyacrylic Acid Enables Fabrication of Self-Healing Hydrogel Membranes with High Mechanical Strength and Excellent Elasticity. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 25082-25090.	8.0	9