Yixuan

List of Publications by Year
in descending order

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		840776	1125743
16	1,066	11	13
papers	citations	h-index	g-index

16	16	16	1371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Stretchable, Elastic, Healable, and Ultra-Durable Polyvinyl Alcohol-Based Ionic Conductors Capable of Safe Disposal. CCS Chemistry, 2022, 4, 3170-3180.	7.8	27
2	Healable and Recyclable Polymeric Materials with High Mechanical Robustness. , 2022, 4, 554-571.		49
3	Degradable, Recyclable, Water-Resistant, and Eco-Friendly Poly(vinyl alcohol)-Based Supramolecular Plastics. , 2022, 4, 1132-1138.		26
4	Degradable Poly(vinyl alcohol)â€Based Supramolecular Plastics with High Mechanical Strength in a Watery Environment. Advanced Materials, 2021, 33, e2007371.	21.0	77
5	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
6	Self-healing and highly elastic fluorine-free proton exchange membranes comprised of poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	6.3	7
7	Polymeric Complex Nanoparticles Enable the Fabrication of Mechanically Superstrong and Recyclable Poly(aryl ether sulfone)-based Polymer Composites. CCS Chemistry, 2020, 2, 524-532.	7.8	19
8	Polymeric Complex Nanoparticles Enable the Fabrication of Mechanically Superstrong and Recyclable Poly(aryl ether sulfone)-based Polymer Composites. CCS Chemistry, 2020, 2, 524-532.	7.8	11
9	Healable and Mechanically Superâ€Strong Polymeric Composites Derived from Hydrogenâ€Bonded Polymeric Complexes. Advanced Materials, 2019, 31, e1904882.	21.0	109
10	Healability Demonstrates Enhanced Shape-Recovery of Graphene-Oxide-Reinforced Shape-Memory Polymeric Films. ACS Applied Materials & Interfaces, 2018, 10, 2897-2906.	8.0	36
11	Selfâ€Healing Protonâ€Exchange Membranes Composed of Nafionâ€“Poly(vinyl alcohol) Complexes for Durable Direct Methanol Fuel Cells. Advanced Materials, 2018, 30, e1707146.	21.0	116
12	Saltâ€Mediated Polyampholyte Hydrogels with High Mechanical Strength, Excellent Selfâ€Healing Property, and Satisfactory Electrical Conductivity. Advanced Functional Materials, 2018, 28, 1804416.	14.9	201
13	Mechanically Robust Atomic Oxygenâ€Resistant Coatings Capable of Autonomously Healing Damage in Low Earth Orbit Space Environment. Advanced Materials, 2018, 30, e1803854.	21.0	109
14	Healable Antifouling Films Composed of Partially Hydrolyzed Poly(2-ethyl-2-oxazoline) and Poly(acrylic acid). ACS Applied Materials & Interfaces, 2017, 9, 14429-14436.	8.0	51
15	Reduced Graphene Oxide-Reinforced Polymeric Films with Excellent Mechanical Robustness and Rapid and Highly Efficient Healing Properties. ACS Nano, 2017, 11, 7134-7141.	14.6	73
16	Highly Transparent and Water-Enabled Healable Antifogging and Frost-Resisting Films Based on Poly(vinyl alcohol)â€“Nafion Complexes. Chemistry of Materials, 2016, 28, 6975-6984.	6.7	96