

Fan Chen

List of Publications by Year in Descending Order

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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.

12
papers

509
citations

9
h-index

12
g-index

12
ext. papers

675
ext. citations

7.3
avg, IF

3.78
L-index

#	Paper	IF	Citations
12	Stretchable, Healable, and Degradable Soft Ionic Microdevices Based on Multifunctional Soaking-Toughened Dual-Dynamic-Network Organohydrogel Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 56393-56402	9.5	19
11	Bioinspired Tough Organohydrogel Dynamic Interfaces Enabled Subzero Temperature Antifrosting, Deicing, and Antiadhesion. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 55501-55509	9.5	6
10	Skin-Inspired Surface-Microstructured Tough Hydrogel Electrolytes for Stretchable Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 21895-21903	9.5	42
9	Biomimetic Extreme-Temperature- and Environment-Adaptable Hydrogels. <i>ChemPhysChem</i> , 2019 , 20, 2139-2154	3.2	48
8	Ionic-Covalent Hybrid Tough Hydrogels Enabled by the in Situ Release of Metal Ions from Insoluble Salts or Alkalis. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 3222-3226	4.3	4
7	Site-Specific Oxidation-Induced Stiffening and Shape Morphing of Soft Tough Hydrogels. <i>Macromolecular Materials and Engineering</i> , 2019 , 304, 1800589	3.9	5
6	Mechanochemical Regulated Origami with Tough Hydrogels by Ion Transfer Printing. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 9077-9084	9.5	41
5	Rational Fabrication of Anti-Freezing, Non-Drying Tough Organohydrogels by One-Pot Solvent Displacement. <i>Angewandte Chemie</i> , 2018 , 130, 6678-6681	3.6	60
4	Rational Fabrication of Anti-Freezing, Non-Drying Tough Organohydrogels by One-Pot Solvent Displacement. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6568-6571	16.4	213
3	Shape morphing of anisotropy-encoded tough hydrogels enabled by asymmetrically-induced swelling and site-specific mechanical strengthening. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 4731-4737	7.3	17
2	Softening and Shape Morphing of Stiff Tough Hydrogels by Localized Unlocking of the Trivalent Ionically Cross-Linked Centers. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800143	4.8	30
1	Tough protein organohydrogels. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7366-7372	7.3	24