

# Ningyi Yuan

## List of Publications by Year in descending order

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18  
papers

577  
citations

567281

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839539

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docs citations

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times ranked

1036  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-healing hydrogel sensors with multiple shape memory properties for human motion monitoring. <i>New Journal of Chemistry</i> , 2021, 45, 314-320.	2.8	25
2	Electrical energy generation by squeezing a graphene-based aerogel in an electrolyte. <i>Nanoscale</i> , 2021, 13, 8304-8312.	5.6	8
3	Carbon Nanotube Hybrid Yarn with Mechanically Strong Healable Silicone Elastomers for Artificial Muscle. <i>ACS Applied Nano Materials</i> , 2021, 4, 5123-5130.	5.0	16
4	Self-Healing Silicone Elastomer with Stable and High Adhesion in Harsh Environments. <i>Langmuir</i> , 2021, 37, 13696-13702.	3.5	17
5	Low-Temperature pseudocapacitive energy storage in Ti <sub>3</sub> C <sub>2</sub> T MXene. <i>Energy Storage Materials</i> , 2020, 33, 382-389.	18.0	61
6	A High Stretchable and Self-Healing Silicone Rubber with Double Reversible Bonds. <i>ChemistrySelect</i> , 2019, 4, 10719-10725.	1.5	23
7	Low temperature tolerant, ultrasensitive strain sensors based on self-healing hydrogel for self-monitor of human motion. <i>Synthetic Metals</i> , 2019, 257, 116177.	3.9	30
8	Stretchable and self-healable hydrogel-based capacitance pressure and strain sensor for electronic skin systems. <i>Materials Research Express</i> , 2019, 6, 0850b9.	1.6	25
9	Unimpeded migration of ions in carbon electrodes with bimodal pores at an ultralow temperature of ~100 °C. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16339-16346.	10.3	21
10	A transparent, tough self-healing hydrogel based on a dual physically and chemically triple crosslinked network. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14581-14587.	5.5	20
11	An ultra-large deformation bidirectional actuator based on a carbon nanotube/PDMS composite and a chitosan film. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7558-7565.	5.8	15
12	Totally room-temperature solution-processing method for fabricating flexible perovskite solar cells using an Nb <sub>2</sub> O <sub>5</sub> -TiO <sub>2</sub> electron transport layer. <i>RSC Advances</i> , 2018, 8, 12823-12831.	3.6	25
13	Multiresponsive actuators based on modified electrospun films. <i>RSC Advances</i> , 2018, 8, 10302-10309.	3.6	23
14	A self-healing conductive and stretchable aligned carbon nanotube/hydrogel composite with a sandwich structure. <i>Nanoscale</i> , 2018, 10, 19360-19366.	5.6	39
15	Graphene quantum dot incorporated perovskite films: passivating grain boundaries and facilitating electron extraction. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 6057-6063.	2.8	92
16	Enhanced rate performance of flexible and stretchable linear supercapacitors based on polyaniline@Au@carbon nanotube with ultrafast axial electron transport. <i>Journal of Power Sources</i> , 2017, 340, 302-308.	7.8	67
17	Annealing-free perovskite films based on solvent engineering for efficient solar cells. <i>Journal of Materials Chemistry C</i> , 2017, 5, 842-847.	5.5	63
18	Miniaturized Stretchable and High-Rate Linear Supercapacitors. <i>Nanoscale Research Letters</i> , 2017, 12, 448.	5.7	7