Yue Zhang

List of Publications by Year
in descending order

15 papers	870 citations	840776 11 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1385 citing authors

#	Article	IF	Citations
1	Ultrasensitive and stretchable resistive strain sensors designed for wearable electronics. Materials Horizons, 2017, 4, 502-510.	12.2	206
2	Integration of Self‐Lubrication and Near‐Infrared Photothermogenesis for Excellent Anti‐Icing/Deicing Performance. Advanced Functional Materials, 2015, 25, 4237-4245.	14.9	184
3	3D printing of ionic conductors for high-sensitivity wearable sensors. Materials Horizons, 2019, 6, 767-780.	12.2	165
4	Recyclable Polydopamine-Functionalized Sponge for High-Efficiency Clean Water Generation with Dual-Purpose Solar Evaporation and Contaminant Adsorption. ACS Applied Materials & Interfaces, 2019, 11, 32559-32568.	8.0	99
5	Monolithic Dual‐Material 3D Printing of Ionic Skins with Long‐Term Performance Stability. Advanced Functional Materials, 2019, 29, 1904716.	14.9	76
6	Comparison of tribocorrosion behavior between 304 austenitic and 410 martensitic stainless steels in artificial seawater. RSC Advances, 2016, 6, 107933-107941.	3.6	31
7	Highly efficient thermogenesis from Fe_3O_4 nanoparticles for thermoplastic material repair both in air and underwater. Journal of Materials Chemistry A, 2017, 5, 1221-1232.	10.3	29
8	Influence of potentials on the tribocorrosion behavior of 304SS in artificial seawater. RSC Advances, 2014, 4, 55752-55759.	3.6	22
9	Synergy between Ru and WO$_x$ Enables Efficient Hydrodeoxygenation of Primary Amides to Amines. ACS Catalysis, 2022, 12, 6302-6312.	11.2	18
10	Tribocorrosion behaviors of 304SS: effect of solution pH. RSC Advances, 2015, 5, 17676-17682.	3.6	15
11	Textile-Based Mechanical Sensors: A Review. Materials, 2021, 14, 6073.	2.9	14
12	A Flexible Temperature Sensor for Noncontact Human-Machine Interaction. Materials, 2021, 14, 7112.	2.9	5
13	Large-area flexible MWCNT/PDMS pressure sensor for ergonomic design with aid of deep learning. Nanotechnology, 2022, 33, 345502.	2.6	4
14	Time Dependence of Tribocorrosion Behavior for Stainless Steel and Alumina Tribocouples in Seawater. Tribology Transactions, 2016, 59, 613-621.	2.0	1
15	Nano-Patterned Ionogel Film for High-Sensitivity and Recyclable Flexible Pressure Sensor. IEEE Sensors Journal, 2022, 22, 7656-7664.	4.7	1