

Yue Zhang

List of Publications by Year in descending order

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