Xiang-Yu Yin

List of Publications by Year
in descending order

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23	1,255	566801 15	676716 22
papers	citations	h-index	g-index

23	23	23	1691
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photoinduced organocatalyzed controlled radical polymerization feasible over a wide range of wavelengths. Polymer Chemistry, 2022, 13, 527-535.	1.9	12
2	Nano-Patterned Ionogel Film for High-Sensitivity and Recyclable Flexible Pressure Sensor. IEEE Sensors Journal, 2022, 22, 7656-7664.	2.4	1
3	<scp>Imineâ€based</scp> covalent organic framework as photocatalyst for <scp>visibleâ€lightâ€induced</scp> atom transfer radical polymerization. Journal of Polymer Science, 2021, 59, 2036-2044.	2.0	6
4	Direct ink writing of recyclable and in situ repairable photothermal polyurethane for sustainable 3D printing development. Journal of Materials Chemistry A, 2021, 9, 6981-6992.	5.2	23
5	Durable and recyclable conjugated microporous polymer mediated controlled radical polymerization under white LED light irradiation. Polymer Chemistry, 2021, 12, 6714-6723.	1.9	15
6	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.	4.0	99
7	Monolithic Dualâ€Material 3D Printing of Ionic Skins with Longâ€Term Performance Stability. Advanced Functional Materials, 2019, 29, 1904716.	7.8	76
8	3D printing of ionic conductors for high-sensitivity wearable sensors. Materials Horizons, 2019, 6, 767-780.	6.4	165
9	3D printing of thermoreversible polyurethanes with targeted shape memory and precise in situ self-healing properties. Journal of Materials Chemistry A, 2019, 7, 6972-6984.	5.2	70
10	Macroporous Double-Network Hydrogel for High-Efficiency Solar Steam Generation Under 1 sun Illumination. ACS Applied Materials & Interfaces, 2018, 10, 10998-11007.	4.0	194
11	Highly efficient thermogenesis from Fe₃O₄ nanoparticles for thermoplastic material repair both in air and underwater. Journal of Materials Chemistry A, 2017, 5, 1221-1232.	5.2	29
12	Tribocorrosion behaviour of type S31254 steel in seawater: Identification of corrosionâ€“wear components and effect of potential. Materials Chemistry and Physics, 2016, 179, 273-281.	2.0	42
13	Time Dependence of Tribocorrosion Behavior for Stainless Steel and Alumina Tribocouples in Seawater. Tribology Transactions, 2016, 59, 613-621.	1.1	1
14	Integration of Selfâ€Lubrication and Nearâ€Infrared Photothermogenesis for Excellent Antiâ€Icing/Deicing Performance. Advanced Functional Materials, 2015, 25, 4237-4245.	7.8	184
15	Polypyrrole nanowire/TiO 2 nanotube nanocomposites as photoanodes for photocathodic protection of Ti substrate and 304 stainless steel under visible light. Corrosion Science, 2015, 98, 471-477.	3.0	95
16	Bioinspired Self-Healing Organic Materials: Chemical Mechanisms and Fabrications. Journal of Bionic Engineering, 2015, 12, 1-16.	2.7	47
17	Effect of halide concentration on tribocorrosion behaviour of 304SS in artificial seawater. Corrosion Science, 2015, 99, 272-280.	3.0	59
18	Tribocorrosion behaviors of 304SS: effect of solution pH. RSC Advances, 2015, 5, 17676-17682.	1.7	15

#	ARTICLE	IF	CITATIONS
19	Antifouling Self-Cleaning Surfaces. , 2015, , 1-29.		3
20	Influence of potentials on the tribocorrosion behavior of 304SS in artificial seawater. RSC Advances, 2014, 4, 55752-55759.	1.7	22
21	Rabbit hair regenerative superhydrophobicity. RSC Advances, 2014, 4, 3611-3614.	1.7	5
22	Controlling liquid movement on a surface with a macro-gradient structure and wetting behavior. Journal of Materials Chemistry A, 2014, 2, 5620.	5.2	25
23	Influence of microstructure evolution on tribocorrosion of 304SS in artificial seawater. Corrosion Science, 2014, 88, 423-433.	3.0	67