

Jian Xu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Anti-Biofouling Strategies for Long-Term Continuous Use of Implantable Biosensors. <i>Chemosensors</i> , 2020, 8, 66.	3.6	56
2	Wearable Glucose Monitoring and Implantable Drug Delivery Systems for Diabetes Management. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100194.	7.6	38
3	Lateral actuation of an organic droplet on conjugated polymer electrodes via imbalanced interfacial tensions. <i>Soft Matter</i> , 2016, 12, 6902-6909.	2.7	31
4	Printable Nonenzymatic Glucose Biosensors Using Carbon Nanotube-PtNP Nanocomposites Modified with AuRu for Improved Selectivity. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5315-5325.	5.2	27
5	Nanotexturing of Conjugated Polymers via One-Step Maskless Oxygen Plasma Etching for Enhanced Tunable Wettability. <i>Langmuir</i> , 2017, 33, 6885-6894.	3.5	26
6	On-Demand Capture and Release of Organic Droplets Using Surfactant-Doped Polypyrrole Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23119-23127.	8.0	18
7	Zwitterionic Porous Conjugated Polymers as a Versatile Platform for Antibiofouling Implantable Bioelectronics. <i>ACS Applied Polymer Materials</i> , 2020, 2, 528-536.	4.4	17
8	In Situ Control of Underwater-Pinning of Organic Droplets on a Surfactant-Doped Conjugated Polymer Surface. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25608-25617.	8.0	16
9	A stretchable and bendable all-solid-state pseudocapacitor with dodecylbenzenesulfonate-doped polypyrrole-coated vertically aligned carbon nanotubes partially embedded in PDMS. <i>Nanotechnology</i> , 2019, 30, 095401.	2.6	16
10	Effects of Electropolymerization Parameters of PPy(DBS) Surfaces on the Droplet Flattening Behaviors During Redox. <i>Journal of Physical Chemistry B</i> , 2016, 120, 10381-10386.	2.6	14
11	One-Step Large-Scale Nanotexturing of Nonplanar PTFE Surfaces to Induce Bactericidal and Anti-inflammatory Properties. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26893-26904.	8.0	14
12	A carbon nanotube-embedded conjugated polymer mesh with controlled oil absorption and surface regeneration via in situ wettability switch. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 790-797.	9.4	9
13	Zwitterionic liquid crystalline polythiophene as an antibiofouling biomaterial. <i>Journal of Materials Chemistry B</i> , 2021, 9, 349-356.	5.8	5