

Xiuru Xu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

426
citations

1307594

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1372567

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13
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docs citations

13
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	Significance of Flexible Substrates for Wearable and Implantable Devices: Recent Advances and Perspectives. <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	81
2	A Bilayer Skin-Inspired Hydrogel with Strong Bonding Interface. <i>Nanomaterials</i> , 2022, 12, 1137.	4.1	5
3	Electric-Field Induced and Highly Deformable Triboelectric Generators from Ionic Gels. , 2022, , .		0
4	Electrospun Titanium Dioxide Nanofibers Reinforced Anti-freezing, Adhesive and Conductive Hydrogels. , 2022, , .		0
5	Transparent, Conductive Hydrogels with High Mechanical Strength and Toughness. <i>Polymers</i> , 2021, 13, 2004.	4.5	13
6	Robust Conductive Hydrogels with Ultrafast Self-Recovery and Nearly Zero Response Hysteresis for Epidermal Sensors. <i>Nanomaterials</i> , 2021, 11, 1854.	4.1	7
7	In Situ Vapor Polymerization of Poly(3,4-ethylenedioxythiophene) Coated SnO ₂ -Fe ₂ O ₃ Continuous Electrospun Nanotubes for Rapid Detection of Iodide Ions. <i>Materials</i> , 2018, 11, 2084.	2.9	4
8	A Stretchable Alternating Current Electroluminescent Fiber. <i>Materials</i> , 2018, 11, 184.	2.9	43
9	Vanadium-doped tin oxide porous nanofibers: Enhanced responsivity for hydrogen detection. <i>Talanta</i> , 2017, 167, 638-644.	5.5	18
10	Polarâ€Electrodeâ€Bridged Electroluminescent Displays: 2D Sensors Remotely Communicating Optically. <i>Advanced Materials</i> , 2017, 29, 1703552.	21.0	49
11	A Fast Humidity Sensor Based on Li ⁺ -Doped SnO ₂ One-Dimensional Porous Nanofibers. <i>Materials</i> , 2017, 10, 535.	2.9	20
12	Ultrasensitive Hydrogen Sensor Based on Pd ⁰ -Loaded SnO ₂ Electrospun Nanofibers at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2013-2021.	8.0	181
13	A Low Powerâ€consumption and Transient Nonvolatile Memory Based on Highly Dense Allâ€Inorganic Perovskite Films. <i>Advanced Electronic Materials</i> , 0, , 2101412.	5.1	5