

# Xiuru Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5554726/publications.pdf>

Version: 2024-02-01

13  
papers

426  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

604  
citing authors

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