

# Xihu Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11913666/publications.pdf>

Version: 2024-02-01

12  
papers

460  
citations

1039880

9  
h-index

1372474

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic-Liquid Doping Enables High Transconductance, Fast Response Time, and High Ion Sensitivity in Organic Electrochemical Transistors. <i>Advanced Materials</i> , 2019, 31, e1805544.	11.1	95
2	A Highly Conducting Polymer for Self-Healable, Printable, and Stretchable Organic Electrochemical Transistor Arrays and Near Hysteresis-Free Soft Tactile Sensors. <i>Advanced Materials</i> , 2022, 34, e2200682.	11.1	63
3	Universal Spray-Deposition Process for Scalable, High-Performance, and Stable Organic Electrochemical Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 20757-20764.	4.0	48
4	Recent Technological Advances in Fabrication and Application of Organic Electrochemical Transistors. <i>Advanced Materials Technologies</i> , 2020, 5, 2000523.	3.0	46
5	Ionic-Liquid Induced Morphology Tuning of PEDOT:PSS for High-Performance Organic Electrochemical Transistors. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	43
6	Contact Modulated Ionic Transfer Doping in All-Solid-State Organic Electrochemical Transistor for Ultra-High Sensitive Tactile Perception at Low Operating Voltage. <i>Advanced Functional Materials</i> , 2020, 30, 2006186.	7.8	42
7	Self-Healable Organic Electrochemical Transistor with High Transconductance, Fast Response, and Long-Term Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 33979-33988.	4.0	40
8	Enhancing the Electrochemical Doping Efficiency in Diketopyrrolopyrrole-Based Polymer for Organic Electrochemical Transistors. <i>Advanced Electronic Materials</i> , 2021, 7, .	2.6	39
9	Rheological and antibacterial performance of sodium alginate/zinc oxide composite coating for cellulosic paper. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 538-543.	2.5	28
10	Crown ether enabled enhancement of ionic-electronic properties of PEDOT:PSS. <i>Materials Horizons</i> , 2022, 9, 2408-2415.	6.4	8
11	Self-Powered Organic Electrochemical Transistors with Stable, Light-Intensity Independent Operation Enabled by Carbon-Based Perovskite Solar Cells. <i>Advanced Materials Technologies</i> , 0, , 2100565.	3.0	7
12	Flexible Organic Electronics: Contact Modulated Ionic Transfer Doping in All-Solid-State Organic Electrochemical Transistor for Ultra-High Sensitive Tactile Perception at Low Operating Voltage (Adv.)		