

# Sujuan Hu

## List of Publications by Year in descending order

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13  
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1307594

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citing authors

#	ARTICLE	IF	CITATIONS
1	On the Current Saturation of Vertical Transistors With Conductive Network Electrodes. IEEE Transactions on Electron Devices, 2022, 69, 248-253.	3.0	3
2	How Materials and Device Factors Determine the Performance: A Unified Solution for Transistors with Nontrivial Gates and Transistorâ€“Diode Hybrid Integration. Advanced Science, 2022, 9, e2104896.	11.2	12
3	High-Performance Deep Red Colloidal Quantum Well Light-Emitting Diodes Enabled by the Understanding of Charge Dynamics. ACS Nano, 2022, 16, 10840-10851.	14.6	21
4	Ion transport to temperature and gate in organic electrochemical transistors with anti-freezing hydrogel. Organic Electronics, 2022, 108, 106605.	2.6	1
5	A high endurance, temperature-resilient, and robust organic electrochemical transistor for neuromorphic circuits. Journal of Materials Chemistry C, 2021, 9, 11801-11808.	5.5	12
6	Blue Molecular Emitter-Free and Doping-Free White Organic Light-Emitting Diodes With High Color Rendering. IEEE Electron Device Letters, 2021, 42, 387-390.	3.9	22
7	Understanding, Optimizing, and Utilizing Nonideal Transistors Based on Organic or Organic Hybrid Semiconductors. Advanced Functional Materials, 2020, 30, 1903889.	14.9	49
8	Generalized Gated Four-Probe Method for Intrinsic Mobility Extraction With Van Der Pauw Structure. IEEE Electron Device Letters, 2020, 41, 244-247.	3.9	3
9	Oxide semiconductor thin-film transistors with nano-splitting and field-surrounding channels fabricated by subwavelength photolithography. JPhys Materials, 2020, 3, 015010.	4.2	0
10	31â€“2: Invited Paper: Nanostructures Oxide Thinâ€“Film Transistors Fabricated by Nearâ€“Field Nanolithography with Enhanced Device Performance. Digest of Technical Papers SID International Symposium, 2020, 51, 448-451.	0.3	0
11	Nonideal Transistors: Understanding, Optimizing, and Utilizing Nonideal Transistors Based on Organic or Organic Hybrid Semiconductors (Adv. Funct. Mater. 20/2020). Advanced Functional Materials, 2020, 30, 2070129.	14.9	2
12	Degradation Mechanism of Perovskite Lightâ€“Emitting Diodes: An In Situ Investigation via Electroabsorption Spectroscopy and Device Modelling. Advanced Functional Materials, 2020, 30, 1910464.	14.9	41
13	A General Approach to Probe Dynamic Operation and Carrier Mobility in Fieldâ€“Effect Transistors with Nonuniform Accumulation. Advanced Functional Materials, 2019, 29, 1901700.	14.9	22