

# Shiheng Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4944523/publications.pdf>

Version: 2024-02-01

11  
papers

878  
citations

1162889

8  
h-index

1372474

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable Ambipolar Polarization-Sensitive Photodetectors Based on High-Anisotropy ReSe <sub>2</sub> Nanosheets. ACS Nano, 2016, 10, 8067-8077.	7.3	276
2	Quantum Hall effect based on Weyl orbits in Cd <sub>3</sub> As <sub>2</sub> . Nature, 2019, 565, 331-336.	13.7	194
3	Evolution of Weyl orbit and quantum Hall effect in Dirac semimetal Cd <sub>3</sub> As <sub>2</sub> . Nature Communications, 2017, 8, 1272.	5.8	118
4	Room-temperature chiral charge pumping in Dirac semimetals. Nature Communications, 2017, 8, 13741.	5.8	113
5	Flexible, Print-in-Place 1D–2D Thin-Film Transistors Using Aerosol Jet Printing. ACS Nano, 2019, 13, 11263-11272.	7.3	96
6	Uniform and Stable Aerosol Jet Printing of Carbon Nanotube Thin-Film Transistors by Ink Temperature Control. ACS Applied Materials & Interfaces, 2020, 12, 43083-43089.	4.0	34
7	Printed carbon nanotube thin-film transistors: progress on printable materials and the path to applications. Nanoscale, 2020, 12, 23371-23390.	2.8	26
8	In-Place Printing of Flexible Electrolyte-Gated Carbon Nanotube Transistors With Enhanced Stability. IEEE Electron Device Letters, 2021, 42, 367-370.	2.2	12
9	Electrically Tunable Surface Acoustic Wave Propagation at MHz Frequencies Based on Carbon Nanotube Thin-Film Transistors. Advanced Functional Materials, 2021, 31, 2010744.	7.8	5
10	Effects of Water and Different Solutes on Carbon Nanotube Low-Voltage Field-Effect Transistors. Small, 2020, 16, e2002875.	5.2	4
11	Nanomaterials in transistors. , 2021, , .		0