

# Fan Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3907454/publications.pdf>

Version: 2024-02-01

10  
papers

52  
citations

1937685

4  
h-index

1720034

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant Tunneling Diode (RTD) Terahertz Active Transmission Line Oscillator with Graphene-Plasma Wave and Two Graphene Antennas. <i>Electronics (Switzerland)</i> , 2019, 8, 1164.	3.1	16
2	Refractive Index Sensor Based on Graphene Oxide-Coated Long-Period Fiber Grating Inscribed in a Two-Mode Fiber. <i>IEEE Access</i> , 2020, 8, 109028-109037.	4.2	13
3	Photoelectric Dual Control Negative Differential Resistance Device Fabricated by Standard CMOS Process. <i>IEEE Photonics Journal</i> , 2019, 11, 1-10.	2.0	6
4	On-Chip Terahertz Detector Designed with Inset-Feed Rectangular Patch Antenna and Catadioptric Lens. <i>Electronics (Switzerland)</i> , 2020, 9, 1049.	3.1	6
5	High Optical Power Density Forward-Biased Silicon LEDs in Standard CMOS Process. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 121-124.	2.5	4
6	Photocontrolled Terahertz Amplified Modulator via Plasma Wave Excitation in ORTD-Gated HEMTs. <i>IEEE Photonics Journal</i> , 2017, 9, 1-8.	2.0	4
7	Analysis of the eight parameter variation of the resonant tunneling diode (RTD) in the rapid thermal annealing process with resistance compensation effect. <i>AIP Advances</i> , 2020, 10, 035103.	1.3	2
8	Study of Relationship Between Resistance Parameters in Resonant Tunneling Diode. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2016, 11, 430-434.	0.5	1
9	Silicon neuron transistor based on CMOS negative differential resistance (NDR). <i>IEICE Electronics Express</i> , 2020, 17, 20200316-20200316.	0.8	0
10	A Demodulation Algorithm for Periodically In-Plane Vibrating MEMS Based on a Stroboscopic Micro-Visual System. <i>Microscopy and Microanalysis</i> , 2022, 28, 145-151.	0.4	0