

# Fengyu Qian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8927985/publications.pdf>

Version: 2024-02-01

10  
papers

81  
citations

2258059

3  
h-index

2272923

4  
g-index

10  
all docs

10  
docs citations

10  
times ranked

181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disposable self-support paper-based multi-anode microbial fuel cell (PMMFC) integrated with power management system (PMS) as the real time "œshock" biosensor for wastewater. Biosensors and Bioelectronics, 2016, 85, 232-239.	10.1	59
2	Exploiting Memristors for Compressive Sampling of Sensory Signals. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2018, 26, 2737-2748.	3.1	8
3	Design for Test and Hardware Security Utilizing Retention Loss of Memristors. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2019, 27, 2536-2547.	3.1	4
4	Design of a shared-stage charge pump circuit for multi-anode microbial fuel cells. , 2016, , .		3
5	A secure scan chain test scheme exploiting retention loss of memristors. , 2017, , .		3
6	A memristor based image sensor exploiting compressive measurement for low-power video streaming. , 2017, , .		2
7	A Memristor-Based Compressive Sampling Encoder with Dynamic Rate Control for Low-Power Video Streaming. ACM Journal on Emerging Technologies in Computing Systems, 2020, 16, 1-16.	2.3	2
8	Quantum-Dot Transistor Based Multi-Bit Multiplier Unit for In-Memory Computing. Selected Topics in Electornics and Systems, 2021, , 53-65.	0.2	0
9	Masked FPGA Bitstream Encryption via Partial Reconfiguration. Selected Topics in Electornics and Systems, 2020, , 101-111.	0.2	0
10	Quantum-Dot Transistor Based Multi-Bit Multiplier Unit for In-Memory Computing. International Journal of High Speed Electronics and Systems, 2020, 29, 2040007.	0.7	0