

Xinyao Tang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

85
citations

2258059

3
h-index

2053705

5
g-index

12
all docs

12
docs citations

12
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	Indoor Occupancy Awareness and Localization Using Passive Electric Field Sensing. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4535-4549.	4.7	26
2	Analog Approximate-FFT 8/16-Beam Algorithms, Architectures and CMOS Circuits for 5G Beamforming MIMO Transceivers. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2018, 8, 466-479.	3.6	24
3	Encrypted Physical Layer Communications Using Synchronized Hyperchaotic Maps. IEEE Access, 2021, 9, 13286-13303.	4.2	10
4	An "Internet of Ears" for crowd-aware smart buildings based on sparse sensor networks. , 2017, , .		8
5	Acoustic Wireless Power and Data Telemetry for Structural Health Monitoring. , 2018, , .		4
6	A programmable CMOS transceiver for structural health monitoring. , 2018, , .		4
7	Embedded silicon odometers for monitoring the aging of high-temperature integrated circuits. , 2017, , .		3
8	Indoor Occupancy Awareness and Localization Using Passive Electric Field Sensing. , 2018, , .		2
9	Self-Optimizing Wireless Networks on Structures. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 911-915.	3.0	2
10	A Fully-Integrated CMOS Hyperchaotic Map for Obfuscated IoT Communications. , 2021, , .		1
11	High-Sensitivity Electric Potential Sensors for Non-Contact Monitoring of Physiological Signals. IEEE Access, 2022, 10, 19096-19111.	4.2	1
12	An Integrated Low-Power Multi-Modal Wide-Dynamic-Range Potentiostat. , 2018, , .		0