

# Feng Sun

## List of Publications by Year in descending order

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13  
papers

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1684188  
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1474206  
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docs citations

13  
times ranked

75  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of on-chip resonator using distributed capacitors in 0.13 $\mu$ m (Bi) $\mu$ CMOS technology. Microwave and Optical Technology Letters, 2021, 63, 107-111.	1.4	1
2	Hydraulic Fracturing-Induced Seismicity at the Hot Dry Rock Site of the Gonghe Basin in China. Acta Geologica Sinica, 2021, 95, 1835-1843.	1.4	7
3	Microseismic Event Detection of Hot Dry Rock based on the Gated Recurrent Unit Model and a Support Vector Machine. Acta Geologica Sinica, 2021, 95, 1940-1947.	1.4	2
4	Miniaturised millimetre-wave BPF with broad stopband suppression in silicon-germanium technology. IET Microwaves, Antennas and Propagation, 2020, 14, 308-313.	1.4	5
5	Design of Compact Millimeter-Wave Bandpass Filter With Multiple Transmission Zeros Using Edge-Coupled Resonators in Silicon Technology. , 2020, , .		0
6	A CMOS 60-GHz Asymmetrical SPDT Switch with Enhanced Power Handling Capability. , 2020, , .		0
7	On-Chip Millimeter-Wave Bandpass Filter Design Using Multi-Layer Modified-Ground-Ring Structure. , 2019, , .		3
8	Design of Millimeter-Wave Bandpass Filters With Broad Bandwidth in Si-Based Technology. IEEE Transactions on Electron Devices, 2019, 66, 1174-1181.	3.0	14
9	Design of On-Chip Millimeter-Wave Bandpass Filters Using Multilayer Patterned-Ground Element in 0.13- $\mu$ m (Bi)-CMOS Technology. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5159-5170.	4.6	14
10	Improvement of a microseismic monitoring data-transmission system based on a load-balancing scheme and a high-throughput polling mechanism. IET Communications, 2019, 13, 3595-3600.	2.2	4
11	An Efficient Neural-Network-Based Microseismic Monitoring Platform for Hydraulic Fracture on an Edge Computing Architecture. Sensors, 2018, 18, 1828.	3.8	19
12	Design and application of a borehole-surface microseismic monitoring system. Instrumentation Science and Technology, 2017, 45, 233-247.	1.8	4
13	Seismic exploration method to detect underground mined-out areas in the molybdenum mine. WIT Transactions on Engineering Sciences, 2015, , .	0.0	0