

Guofeng Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Aluminum Nitride Combined Overtone Resonator for Millimeter Wave 5g Applications. , 2021, , .		14
2	11 GHz Lateral-Field-Excited Aluminum Nitride Cross-Sectional Lam ^Å © Mode Resonator. , 2020, , .		6
3	Aluminum Nitride Combined Overtone Resonators for the 5G High Frequency Bands. Journal of Microelectromechanical Systems, 2020, 29, 148-159.	2.5	33
4	Highly Linear Magnetic-free Isolator Based on a Time-Modulated Differential RF MEMS Lattice Filter. , 2019, , .		1
5	Super High Frequency Lateral-Field-Excited Aluminum Nitride Cross-Sectional Lam ^Å © Mode Resonators. , 2019, , .		4
6	High-Q X Band Aluminum Nitride Combined Overtone Resonators. , 2019, , .		16
7	Novel pMUT-Based Acoustic Duplexer for Underwater and Intrabody Communication. , 2018, , .		21
8	Novel Topology for a Non-Reciprocal MEMS Filter. , 2018, , .		13
9	The SEANet Project: Toward a Programmable Internet of Underwater Things. , 2018, , .		24
10	Single-chip multi-frequency wideband filters based on aluminum nitride cross-sectional Lam ^Å © mode resonators with thick and apodized electrodes. , 2018, , .		5
11	Design and Fabrication of an Electrostatic AlN RF MEMS Switch for Near-Zero Power RF Wake-Up Receivers. IEEE Sensors Journal, 2018, 18, 9902-9909.	4.7	8
12	Rapid Harmonic Analysis of Piezoelectric MEMS Resonators. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 979-990.	3.0	4
13	RF Passive Components Based on Aluminum Nitride Cross-Sectional Lam ^Å ©-Mode MEMS Resonators. IEEE Transactions on Electron Devices, 2017, 64, 237-243.	3.0	51
14	Low impedance arrays of coupled Cross-Sectional Lam ^Å © mode resonators with high figure of merit in excess of 100. , 2017, , .		3
15	Design and fabrication of AlN RF MEMS switch for near-zero power RF wake-up receivers. , 2017, , .		14
16	Cross-sectional Lam ^Å © mode filters for UHF wideband applications. , 2016, , .		0
17	Aluminum Nitride cross-sectional Lam ^Å © mode resonators with 260 MHz lithographic tuning capability and high kt ² > 4%. , 2016, , .		2
18	Cross-Sectional Lam ^Å © Mode Ladder Filters for UHF Wideband Applications. IEEE Electron Device Letters, 2016, 37, 681-683.	3.9	22