

Shai Bonen

List of Publications by Year in descending order

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9
papers

115
citations

1684188
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1872680
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docs citations

9
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryogenic Characterization of the High Frequency and Noise Performance of SiGe HBTs From DC to 70 GHz and Down to 2 K. IEEE Microwave and Wireless Components Letters, 2022, 32, 696-699.	3.2	5
2	Harnessing the unique features of FDSOI CMOS technology in fibreoptic, millimetre-wave, and quantum computing circuits from 2ÅK to 400ÅK. Solid-State Electronics, 2022, 194, 108343.	1.4	5
3	Characterization and Modeling of Quantum Dot Behavior in FDSOI Devices. IEEE Journal of the Electron Devices Society, 2022, 10, 600-610.	2.1	4
4	155 GHz FMCW and Stepped-Frequency Carrier OFDM Radar Sensor Transceiver IC Featuring a PLL With 30 ns Settling Time and 40 fs rms Jitter. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4908-4924.	4.6	14
5	Compact Modelling of 22nm FDSOI CMOS Semiconductor Quantum Dot Cryogenic I-V Characteristics. , 2021, , .		1
6	Toward Hole-Spin Qubits in Si p -MOSFETs within a Planar CMOS Foundry Technology. Physical Review Applied, 2021, 16, .	3.8	9
7	Compact Modelling of 22nm FDSOI CMOS Semiconductor Quantum Dot Cryogenic I-V Characteristics. , 2021, , .		0
8	Design Considerations for Spin Readout Amplifiers in Monolithically Integrated Semiconductor Quantum Processors. , 2019, , .		25
9	Cryogenic Characterization of 22nm FDSOI CMOS Technology for Quantum Computing ICs. IEEE Electron Device Letters, 2018, , 1-1.	3.9	52