

M Sadegh Dadash

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

240
citations

1684188

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1720034

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g-index

8
all docs

8
docs citations

8
times ranked

317
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical Adjoint Sensitivity Formula for the Scattering Parameters of Metallic Structures. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 2713-2722.	4.6	113
2	Cryogenic Characterization of 22nm FDSOI CMOS Technology for Quantum Computing ICs. IEEE Electron Device Letters, 2018, , 1-1.	3.9	52
3	Design Considerations for Spin Readout Amplifiers in Monolithically Integrated Semiconductor Quantum Processors. , 2019, , .		25
4	A 210â€“284-GHz lâ€“Q Receiver With On-Chip VCO and Divider Chain. IEEE Microwave and Wireless Components Letters, 2020, 30, 50-53.	3.2	16
5	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
6	Design of Low-Power Active Tags for Operation With 77â€“81-GHz FMCW Radar. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 5377-5388.	4.6	12
7	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
8	Analytical $\frac{\partial S_{ij}}{\partial \epsilon}$-Parameter Sensitivity Formula for the Shape Parameters of Dielectric Objects. IEEE Microwave and Wireless Components Letters, 2014, 24, 291-293.	3.2	3