

Evren F Arkan

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

62
citations

1937685

4
h-index

2053705

5
g-index

10
all docs

10
docs citations

10
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	Monolithic integration of Si nanowires with metallic electrodes: NEMS resonator and switch applications. Journal of Micromechanics and Microengineering, 2011, 21, 125018.	2.6	17
2	Highly Integrated Guidewire Ultrasound Imaging System-on-a-Chip. IEEE Journal of Solid-State Circuits, 2020, 55, 1310-1323.	5.4	15
3	Analysis and Design of High-Frequency 1-D CMUT Imaging Arrays in Noncollapsed Mode. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 382-393.	3.0	9
4	Toward a reduced-wire readout system for ultrasound imaging. , 2014, 2014, 5080-4.		6
5	Analysis of Negative Capacitance-Based Broadband Impedance Matching for CMUTs. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 3042-3052.	3.0	6
6	An Ultrasound Imaging Front-End System-on-a-Chip with Element-Level Impedance Matching for Acoustic Reflectivity Reduction. , 2021, , .		3
7	On-chip reduced wire transceiver for high frequency CMUT imaging system. , 2015, , .		2
8	An Adaptive Element-Level Impedance-Matched ASIC With Improved Acoustic Reflectivity for Medical Ultrasound Imaging. IEEE Transactions on Biomedical Circuits and Systems, 2022, 16, 492-501.	4.0	2
9	Highly-integrated guidewire vascular ultrasound imaging system-on-a-chip. , 2018, , .		1
10	Optimization of High Frequency CMUT Array Geometry for Guidewire IVUS. , 2021, , .		1