

# Ahmad Rezvanitabar

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

51  
citations

1937685

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2053705

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g-index

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docs citations

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times ranked

46  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	An Ultrasound Imaging Front-End System-on-a-Chip with Element-Level Impedance Matching for Acoustic Reflectivity Reduction. , 2021, , .		3
4	Highly Integrated Guidewire Ultrasound Imaging System-on-a-Chip. IEEE Journal of Solid-State Circuits, 2020, 55, 1310-1323.	5.4	15
5	A Power-Efficient Bridge Readout Circuit for Implantable, Wearable, and IoT Applications. IEEE Sensors Journal, 2020, 20, 9955-9962.	4.7	12
6	An Impulse Radio PWM-Based Wireless Data Acquisition Sensor Interface. IEEE Sensors Journal, 2019, 19, 603-614.	4.7	10
7	Toward an Energy-Efficient Bridge-to-Digital Intracranial Pressure Sensing Interface. , 2018, , .		2
8	Highly-integrated guidewire vascular ultrasound imaging system-on-a-chip. , 2018, , .		1