

Amirabbas Pirouz

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

39
citations

2258059

3
h-index

2272923

4
g-index

8
all docs

8
docs citations

8
times ranked

47
citing authors

#	ARTICLE	IF	CITATIONS
1	Supply-Doubled Pulse-Shaping High Voltage Pulser for CMUT Arrays. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 306-310.	3.0	13
2	Low temperature CMUT fabrication process with dielectric lift-off membrane support for improved reliability. Journal of Micromechanics and Microengineering, 2018, 28, 085006.	2.6	11
3	Single-Chip Reduced-Wire CMUT-on-CMOS System for Intracardiac Echocardiography. , 2018, , .		8
4	An Analysis Method for Capacitive Micromachined Ultrasound Transducer (CMUT) Energy Conversion during Large Signal Operation. Sensors, 2019, 19, 876.	3.8	5
5	Supply-Inverted Bipolar Pulser and Tx/Rx Switch for CMUTs Above the Process Limit for High Pressure Pulse Generation. IEEE Sensors Journal, 2019, 19, 12050-12058.	4.7	2
6	Beyond supply-voltage bootstrapped pulser for driving CMUT arrays in ultrasound imaging. , 2017, , .		0
7	Notice of Removal: Supply-inverted bipolar pulser and Tx/Rx switch for CMUTs capable of tolerating voltage levels above process limit. , 2017, , .		0
8	Notice of Removal: A low temperature sacrificial layer based CMUT fabrication process for improved reliability. , 2017, , .		0