

Alper AiÅman

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

128
citations

1684188

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1872680

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g-index

9
all docs

9
docs citations

9
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	An Analog Integrated Circuit Beamformer for High-Frequency Medical Ultrasound Imaging. IEEE Transactions on Biomedical Circuits and Systems, 2012, 6, 454-467.	4.0	37
2	A Urinary Bcl-2 Surface Acoustic Wave Biosensor for Early Ovarian Cancer Detection. Sensors, 2012, 12, 7423-7437.	3.8	30
3	Numerical and Experimental Studies on the Effect of Surface Roughness and Ultrasonic Frequency on Bubble Dynamics in Acoustic Cavitation. Energies, 2020, 13, 1126.	3.1	19
4	A tunable analog delay element for high-frequency dynamic beamforming. , 2009, , .		11
5	A low cost smart security and home automation system employing an embedded server and a wireless sensor network. , 2016, , .		10
6	A Synthetic Phased Array Surface Acoustic Wave Sensor for Quantifying Bolt Tension. Sensors, 2012, 12, 12265-12278.	3.8	9
7	Evaluation of CMUT annular arrays for side-looking IVUS. , 2009, , .		5
8	A Low-cost Biomarker-based SAW-Biosensor Design for Early Detection of Prostate Cancer. Procedia Technology, 2017, 27, 248-249.	1.1	5
9	A novel numerical model to simulate acoustofluidic particle manipulation. Physica Scripta, 2020, 95, 095002.	2.5	2