

# Alper AiÅman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3468007/publications.pdf>

Version: 2024-02-01

9  
papers

128  
citations

1684188

5  
h-index

1872680

6  
g-index

9  
all docs

9  
docs citations

9  
times ranked

159  
citing authors

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