

Ajay Singhvi

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

99
citations

2682572

2
h-index

2053705

5
g-index

11
all docs

11
docs citations

11
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Watt-Level 4.9-GHz Silicon Power Amplifier for Portable Thermoacoustic Imaging. IEEE Journal of Solid-State Circuits, 2022, 57, 1421-1431.	5.4	2
2	A Thermoacoustic Imaging System for Noninvasive and Nondestructive Root Phenotyping. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2493-2497.	3.0	4
3	Multi-Task Learning for Simultaneous Speed-of-Sound Mapping and Image Reconstruction Using Non-Contact Thermoacoustics. , 2021, , .		2
4	An Airborne Sonar System for Underwater Remote Sensing and Imaging. IEEE Access, 2020, 8, 189945-189959.	4.2	32
5	Resolution Enhanced Non-Contact Thermoacoustic Imaging using Coded Pulse Excitation. , 2020, , .		7
6	Spatial Reconstruction of Soil Moisture Content using Non-Contact Thermoacoustic Imaging. , 2020, , .		2
7	A Microwave-Induced Thermoacoustic Imaging System With Non-Contact Ultrasound Detection. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 1587-1599.	3.0	24
8	Non-Contact Thermoacoustic Sensing and Characterization of Plant Root Traits. , 2019, , .		7
9	A Fine-Grain, Uniform, Energy-Efficient Delay Element for 2-Phase Bundled-Data Circuits. ACM Journal on Emerging Technologies in Computing Systems, 2017, 13, 1-23.	2.3	2
10	Analysis and Optimization of Programmable Delay Elements for 2-Phase Bundled-Data Circuits. , 2015, , .		11
11	A Fine-Grained, Uniform, Energy-Efficient Delay Element for FD-SOI Technologies. , 2015, , .		6