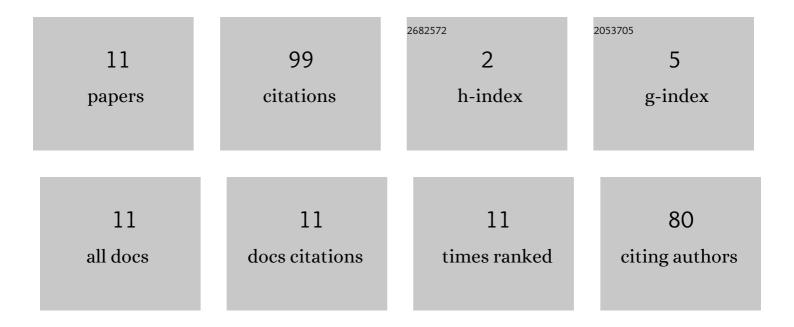
Ajay Singhvi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/256178/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	An Airborne Sonar System for Underwater Remote Sensing and Imaging. IEEE Access, 2020, 8, 189945-189959.	4.2	32
2	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
3	Analysis and Optimization of Programmable Delay Elements for 2-Phase Bundled-Data Circuits. , 2015, , .		11
4	Non-Contact Thermoacoustic Sensing and Characterization of Plant Root Traits. , 2019, , .		7
5	Resolution Enhanced Non-Contact Thermoacoustic Imaging using Coded Pulse Excitation. , 2020, , .		7
6	A Fine-Grained, Uniform, Energy-Efficient Delay Element for FD-SOI Technologies. , 2015, , .		6
7	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
8	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
9	Spatial Reconstruction of Soil Moisture Content using Non-Contact Thermoacoustic Imaging. , 2020, ,		2
10	Multi-Task Learning for Simultaneous Speed-of-Sound Mapping and Image Reconstruction Using Non-Contact Thermoacoustics. , 2021, , .		2
11	Multi-Watt-Level 4.9-GHz Silicon Power Amplifier for Portable Thermoacoustic Imaging. IEEE Journal	5.4	2