

Kenneth E Kolodziej

List of Publications by Year in descending order

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25
papers

678
citations

1305906

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1526636

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all docs

25
docs citations

25
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	Hardware-Software Co-Design of Sub-6 GHz Transceiver for Reconfigurable Prototyping. , 2022, , .		0
2	GaN MMIC RF Switches for In-Band Full-Duplex Phased Array Calibration. , 2022, , .		1
3	Adaptive Learning Rate Tuning Algorithm for RF Self-Interference Cancellation. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1740-1751.	2.9	14
4	RF Canceller Tuning Acceleration Using Neural Network Machine Learning for In-Band Full-Duplex Systems. IEEE Open Journal of the Communications Society, 2021, 2, 1158-1170.	4.4	12
5	Adaptive Beamforming for Multi-Function In-Band Full-Duplex Applications. IEEE Wireless Communications, 2021, 28, 28-35.	6.6	22
6	Realization of In-Band Full-Duplex Operation at 300 and 4.2 K Using Bilateral Single-Sideband Frequency Conversion. IEEE Journal of Solid-State Circuits, 2021, 56, 1387-1397.	3.5	4
7	In-Band Full-Duplex Wireless Systems Overview. , 2021, , .		6
8	Antenna Reflections in Shared-Antenna In-Band Full-Duplex Systems : (Invited Paper). , 2021, , .		0
9	Evolution of Circular Mode Phasing for In-Band Full-Duplex Omnidirectional Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 7145-7155.	3.1	8
10	Neural Network Tuning for Analog-RF Self-Interference Cancellation. , 2021, , .		1
11	In-Band Full-Duplex Operation in High-Speed Mobile Environments: Not So Fast!. IEEE Microwave Magazine, 2021, 22, 60-72.	0.7	4
12	In-Band Full-Duplex Propagation-Domain Techniques and Applications. , 2021, , .		0
13	A 3.4â€“4.6GHz In-Band Full-Duplex Front-End in CMOS Using a Bi-Directional Frequency Converter. , 2020, , .		2
14	An Amplitude Stabilization Technique for Nonlinear Optoelectronic Filtering. IEEE Photonics Technology Letters, 2020, 32, 875-878.	1.3	0
15	Machine Learning for Accelerated IBFD Tuning in 5G Flexible Duplex Networks. , 2020, , .		5
16	Nonlinear Effects of RF-Photonic Cancellation in IBFD Systems. , 2020, , .		0
17	In-Band Full-Duplex RF Canceller Tuning using Adaptive Learning Rate Functions. , 2020, , .		3
18	IBFD Indoor Self-Interference Channel Evaluation. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Fiber Bragg Grating Design for Photonic-Enabled RF Cancellation. , 2019, , .		1
20	Fiber Bragg Grating Delay Lines for Wideband Self-Interference Cancellation. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 4005-4014.	2.9	16
21	Photonic-Enabled RF Canceller for Wideband In-Band Full-Duplex Wireless Systems. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2076-2086.	2.9	28
22	In-Band Full-Duplex Technology: Techniques and Systems Survey. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3025-3041.	2.9	325
23	Wideband vector modulator for RF cancellers in STAR systems. , 2018, , .		8
24	Multitap RF Canceller for In-Band Full-Duplex Wireless Communications. IEEE Transactions on Wireless Communications, 2016, 15, 4321-4334.	6.1	198
25	Simultaneous Transmit and Receive (STAR) system architecture using multiple analog cancellation layers. , 2015, , .		20