

Ranjan Das

List of Publications by Year in descending order

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155
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi Mode Resonators Based Triple Band Notch UWB Filter. IEEE Microwave and Wireless Components Letters, 2017, 27, 120-122.	3.2	33
2	Lossy Coupling Matrix Synthesis Approach for the Realization of Negative Group Delay Response. IEEE Access, 2018, 6, 1916-1926.	4.2	25
3	Design and Simulation of Thermo-Optic Phase Shifters With Low Thermal Crosstalk for Dense Photonic Integration. IEEE Access, 2020, 8, 141632-141640.	4.2	21
4	CMOS-Compatible Photonic Phase Shifters With Extremely Low Thermal Crosstalk Performance. Journal of Lightwave Technology, 2021, 39, 2113-2122.	4.6	14
5	Integrated group delay units for real-time reconfigurable spectrum sensing of mm-wave signals. Optics Letters, 2020, 45, 4778.	3.3	14
6	Analysis of Non-Idealities in the Generation of Reconfigurable Sinc-Shaped Optical Nyquist Pulses. IEEE Access, 2021, 9, 76286-76295.	4.2	13
7	Brillouin-scattering-induced transparency enabled reconfigurable sensing of RF signals. Photonics Research, 2021, 9, 1486.	7.0	11
8	Roll-Off Factor Analysis of Optical Nyquist Pulses Generated by an On-Chip Mach-Zehnder Modulator. IEEE Photonics Technology Letters, 2021, 33, 1189-1192.	2.5	10
9	A Novel Method of Using Bifilar Spiral Resonator for Designing Thin Robust Flexible Glucose Sensors. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	9
10	Wireless Energy Harvesting by Direct Voltage Multiplication on Lateral Waves From a Suspended Dielectric Layer. IEEE Access, 2017, 5, 21873-21884.	4.2	8
11	Realization of Low Profile Leaky Wave Antennas Using the Bending Technique for Frequency Scanning and Sensor Applications. Sensors, 2019, 19, 2265.	3.8	7
12	Model analysis of coupled mode leaky wave antenna for forward and backward frequency scanning. Microwave and Optical Technology Letters, 2018, 60, 1360-1368.	1.4	6
13	All Passive Realization of Lossy Coupling Matrices Using Resistive Decomposition Technique. IEEE Access, 2019, 7, 5095-5105.	4.2	5
14	Spurious free independently controllable compact quadband filter using folded T-shaped stub loaded modified ring resonator. IET Microwaves, Antennas and Propagation, 2017, 11, 1156-1161.	1.4	4
15	One-Port Coupling Matrix Synthesis for Reflection-Type Devices. IEEE Microwave and Wireless Components Letters, 2017, 27, 1086-1088.	3.2	4
16	Bandwidth and Gain Enhancement of Endfire Radiating Open-Ended Waveguide Using Thin Surface Plasmon Structure. Electronics (Switzerland), 2019, 8, 504.	3.1	4
17	Temporal Disentanglement of Wireless Signal Carriers Based on Quasi-Light-Storage. Journal of Lightwave Technology, 2022, 40, 6762-6768.	4.6	4
18	Computer-Aided Tuning of Highly Lossy Microwave Filters Using Complex Coupling Matrix Decomposition and Extraction. IEEE Access, 2018, 6, 57172-57179.	4.2	3

#	ARTICLE	IF	CITATIONS
19	Coupling Matrix Extraction Technique for Auto Tuning of Highly Lossy Filters. , 2018, , .		3
20	Synthesis of lossy coupling matrix for negative group delay filters. , 2017, , .		2
21	A Switched Capacitor Based Realization of Fractional Order Low-Pass Filters. , 2015, , .		1
22	Multiple band notch filter using contiguous split ring resonators (SRR). , 2016, , .		1
23	Mode analysis of inverted v-shaped microstrip leaky wave antenna. , 2017, , .		1
24	Athermal Travelling Wave Mach-Zehnder Modulators for Optical Interconnects. , 2021, , .		1
25	Slow Light Enabled Temporal Frequency Discriminator. , 2021, , .		1
26	Stimulated Brillouin Scattering-Induced All-Optical Spectrum Sensing. , 2021, , .		1
27	Controllable dual-mode dual-passband filter using inductive short stub SRR (ISSRR). , 2016, , .		0
28	General synthesis method for negative group delay response: A filter base approach. , 2017, , .		0
29	Synthesis and implementation of superluminal circuits with zero group delay. , 2017, , .		0
30	Coupling Matrix Synthesis of Flat Negative Group Delay with Zero Back Scattering. , 2018, , .		0
31	Coupling matrix sign reversal transformation. , 2018, , .		0
32	Effect of Thermal Crosstalk on Travelling-wave Mach-Zehnder Modulator. , 2021, , .		0
33	Characterization of non-idealities in optical Nyquist pulses for THz signal sampling metrology. , 2021, , .		0
34	Integrated Silicon Resonator with Bragg Grating Reflectors for Passive Reservoir Computing. , 2021, , .		0