

Ranjan Das

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Temporal Disentanglement of Wireless Signal Carriers Based on Quasi-Light-Storage. Journal of Lightwave Technology, 2022, 40, 6762-6768.	4.6	4
2	CMOS-Compatible Photonic Phase Shifters With Extremely Low Thermal Crosstalk Performance. Journal of Lightwave Technology, 2021, 39, 2113-2122.	4.6	14
3	Analysis of Non-Idealities in the Generation of Reconfigurable Sinc-Shaped Optical Nyquist Pulses. IEEE Access, 2021, 9, 76286-76295.	4.2	13
4	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
5	Effect of Thermal Crosstalk on Travelling-wave Mach-Zehnder Modulator. , 2021, , .		0
6	Brillouin-scattering-induced transparency enabled reconfigurable sensing of RF signals. Photonics Research, 2021, 9, 1486.	7.0	11
7	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
8	Characterization of non-idealities in optical Nyquist pulses for THz signal sampling metrology. , 2021, , .		0
9	Athermal Travelling Wave Mach-Zehnder Modulators for Optical Interconnects. , 2021, , .		1
10	Slow Light Enabled Temporal Frequency Discriminator. , 2021, , .		1
11	Integrated Silicon Resonator with Bragg Grating Reflectors for Passive Reservoir Computing. , 2021, , .		0
12	Stimulated Brillouin Scattering-Induced All-Optical Spectrum Sensing. , 2021, , .		1
13	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
14	Integrated group delay units for real-time reconfigurable spectrum sensing of mm-wave signals. Optics Letters, 2020, 45, 4778.	3.3	14
15	Bandwidth and Gain Enhancement of Endfire Radiating Open-Ended Waveguide Using Thin Surface Plasmon Structure. Electronics (Switzerland), 2019, 8, 504.	3.1	4
16	Realization of Low Profile Leaky Wave Antennas Using the Bending Technique for Frequency Scanning and Sensor Applications. Sensors, 2019, 19, 2265.	3.8	7
17	All Passive Realization of Lossy Coupling Matrices Using Resistive Decomposition Technique. IEEE Access, 2019, 7, 5095-5105.	4.2	5
18	Lossy Coupling Matrix Synthesis Approach for the Realization of Negative Group Delay Response. IEEE Access, 2018, 6, 1916-1926.	4.2	25

#	ARTICLE	IF	CITATIONS
19	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
20	Computer-Aided Tuning of Highly Lossy Microwave Filters Using Complex Coupling Matrix Decomposition and Extraction. IEEE Access, 2018, 6, 57172-57179.	4.2	3
21	Coupling Matrix Synthesis of Flat Negative Group Delay with Zero Back Scattering. , 2018, , .		0
22	Coupling Matrix Extraction Technique for Auto Tuning of Highly Lossy Filters. , 2018, , .		3
23	Coupling matrix sign reversal transformation. , 2018, , .		0
24	Multi Mode Resonators Based Triple Band Notch UWB Filter. IEEE Microwave and Wireless Components Letters, 2017, 27, 120-122.	3.2	33
25	Spurious free independently controllable compact quad-band filter using folded T-shaped stub loaded modified ring resonator. IET Microwaves, Antennas and Propagation, 2017, 11, 1156-1161.	1.4	4
26	Synthesis of lossy coupling matrix for negative group delay filters. , 2017, , .		2
27	Wireless Energy Harvesting by Direct Voltage Multiplication on Lateral Waves From a Suspended Dielectric Layer. IEEE Access, 2017, 5, 21873-21884.	4.2	8
28	One-Port Coupling Matrix Synthesis for Reflection-Type Devices. IEEE Microwave and Wireless Components Letters, 2017, 27, 1086-1088.	3.2	4
29	General synthesis method for negative group delay response: A filter base approach. , 2017, , .		0
30	Mode analysis of inverted v-shaped microstrip leaky wave antenna. , 2017, , .		1
31	Synthesis and implementation of superluminal circuits with zero group delay. , 2017, , .		0
32	Multiple band notch filter using contiguous split ring resonators (SRR). , 2016, , .		1
33	Controllable dual-mode dual-passband filter using inductive short stub SRR (ISSRR). , 2016, , .		0
34	A Switched Capacitor Based Realization of Fractional Order Low-Pass Filters. , 2015, , .		1