

Blaise Ravelo

List of Publications by Year in descending order

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162
papers

1,626
citations

331259

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32
g-index

165
all docs

165
docs citations

165
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Similitude between the NGD function and filter gain behaviours. International Journal of Circuit Theory and Applications, 2014, 42, 1016-1032.	1.3	78
2	Active Microwave Circuit With Negative Group Delay. IEEE Microwave and Wireless Components Letters, 2007, 17, 861-863.	2.0	74
3	Theory of Coupled Line Coupler-Based Negative Group Delay Microwave Circuit. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 3604-3611.	2.9	60
4	Application of negative group delay active circuits to the design of broadband and constant phase shifters. Microwave and Optical Technology Letters, 2008, 50, 3078-3080.	0.9	55
5	Recent advances on synthesis, characterization and high frequency applications of Ni-Zn ferrite nanoparticles. Journal of Magnetism and Magnetic Materials, 2021, 530, 167925.	1.0	54
6	First-order low-pass negative group delay passive topology. Electronics Letters, 2016, 52, 124-126.	0.5	46
7	TRANSIENT RESPONSE CHARACTERIZATION OF THE HIGH-SPEED INTERCONNECTION RLCG-MODEL FOR THE SIGNAL INTEGRITY ANALYSIS. Progress in Electromagnetics Research, 2011, 112, 183-197.	1.6	45
8	Kronbrin Modeling of Y-Y-Tree Interconnects for the PCB Signal Integrity Analysis. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 411-419.	1.4	38
9	Distributed NGD active circuit for RF-microwave communication. AEU - International Journal of Electronics and Communications, 2014, 68, 282-290.	1.7	35
10	Theory and circuit modeling of baseband and modulated signal delay compensations with low- and band-pass NGD effects. AEU - International Journal of Electronics and Communications, 2016, 70, 1122-1127.	1.7	35
11	Investigation on Microwave Negative Group Delay Circuit. Electromagnetics, 2011, 31, 537-549.	0.3	33
12	An Open Platform for Seamless Sensor Support in Healthcare for the Internet of Things. Sensors, 2016, 16, 2089.	2.1	33
13	Experimental Validations of a Simple PCB Interconnect Model for High-Rate Signal Integrity. IEEE Transactions on Electromagnetic Compatibility, 2012, 54, 397-404.	1.4	31
14	Manganese Zinc Ferrites: a Short Review on Synthesis and Characterization. Journal of Superconductivity and Novel Magnetism, 2020, 33, 1569-1584.	0.8	28
15	Design of Multi-Scale Negative Group Delay Circuit for Sensors Signal Time-Delay Cancellation. IEEE Sensors Journal, 2019, 19, 8951-8962.	2.4	27
16	Time-Domain Experimentation of NGD ActiveRC-Network Cell. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 562-566.	2.2	27
17	Neutralization of LC- and RC-Disturbances with Left-Handed and NGD Effects. Advanced Electromagnetics, 2013, 2, 73.	0.7	27
18	The Design Method of the Active Negative Group Delay Circuits Based on a Microwave Amplifier and an RL-Series Network. IEEE Access, 2018, 6, 33849-33858.	2.6	25

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19	Negative Group-Delay Phenomenon Analysis With Distributed Parallel Interconnect Line. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 573-580.	1.4	24
20	On low-pass, high-pass, bandpass, and stop-band NGD RF passive circuits. URSI Radio Science Bulletin, 2017, 2017, 10-27.	0.2	23
21	Cancellation of Delays in the High-Rate Interconnects with UWB NGD Active Cells. Applied Physics Research, 2011, 3, .	0.2	22
22	Analysis of multi- ϵ gigabits signal integrity through clock H \hat{c} tree. International Journal of Circuit Theory and Applications, 2013, 41, 535-549.	1.3	21
23	BEHAVIORAL MODEL OF SYMMETRICAL MULTI-LEVEL T-TREE INTERCONNECTS. Progress in Electromagnetics Research B, 2012, 41, 23-50.	0.7	20
24	PCB Near-Field Transient Emission Time-Domain Model. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 1320-1328.	1.4	20
25	S-Parameter Model of Three Parallel Interconnect Lines Generating Negative Group-Delay Effect. IEEE Access, 2018, 6, 57152-57159.	2.6	20
26	An FET-based microwave active circuit with dual-band negative group delay. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2011, 10, 355-366.	0.4	19
27	Baseband NGD circuit with RF amplifier. Electronics Letters, 2011, 47, 752-754.	0.5	19
28	Methodology of elementary negative group delay active topologies identification. IET Circuits, Devices and Systems, 2013, 7, 105-113.	0.9	19
29	Time-Domain Magnetic Dipole Model of PCB Near-Field Emission. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 1561-1569.	1.4	19
30	Innovative Theory on Multiband NGD Topology Based on Feedback-Loop Power Combiner. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 738-742.	2.2	19
31	DESIGN OF FLEXIBLE PASSIVE ANTENNA ARRAY ON KAPTON SUBSTRATE. Progress in Electromagnetics Research C, 2016, 63, 105-117.	0.6	18
32	Analytical Design of Dual-Band Negative Group Delay Circuit With Multi-Coupled Lines. IEEE Access, 2020, 8, 72749-72756.	2.6	18
33	Resonance Effect Reduction With Bandpass Negative Group Delay Fully Passive Function. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2364-2368.	2.2	18
34	Study of high-frequency electromagnetic transients radiated by electric dipoles in near-field. IET Microwaves, Antennas and Propagation, 2011, 5, 692.	0.7	16
35	FULLY TIME-DOMAIN SCANNING OF EM NEAR-FIELD RADIATED BY RF CIRCUITS. Progress in Electromagnetics Research B, 2014, 57, 21-46.	0.7	16
36	Canonical transfer function of band \hat{c} pass NGD circuit. IET Circuits, Devices and Systems, 2019, 13, 125-130.	0.9	16

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37	Synthesis of frequency-independent phase shifters using negative group delay active circuit. International Journal of RF and Microwave Computer-Aided Engineering, 2011, 21, 17-24.	0.8	14
38	O=O Shape Low-Loss Negative Group Delay Microstrip Circuit. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1795-1799.	2.2	14
39	Negative Group Delay Theory on Li Topology. IEEE Access, 2020, 8, 47596-47606.	2.6	14
40	Electromagnetic Cavity Resonance Equalization With Bandpass Negative Group Delay. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 1248-1257.	1.4	14
41	Negative Group Delay Theory of a Four-Port RC-Network Feedback Operational Amplifier. IEEE Access, 2019, 7, 75708-75720.	2.6	13
42	Analysis of Interconnect Line Coupled With a Radial-Stub Terminated Negative Group Delay Circuit. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 1813-1821.	1.4	13
43	An overview on low energy wake-up radio technology: Active and passive circuits associated with MAC and routing protocols. Journal of Network and Computer Applications, 2021, 190, 103140.	5.8	13
44	Broadband balun using active negative group delay circuit. , 2007, , .		12
45	Asymmetrical 1:2 Y-tree interconnects modelling with Kron-Branin formalism. Electronics Letters, 2016, 52, 1215-1216.	0.5	12
46	High-Pass Negative Group Delay RC-Network Impedance. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1052-1056.	2.2	12
47	Demonstration of negative signal delay with short-duration transient pulse. EPJ Applied Physics, 2011, 55, 10103.	0.3	11
48	Fast estimation of RL-loaded microelectronic interconnections delay for the signal integrity prediction. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2012, 25, 338-346.	1.2	11
49	Modelling of asymmetrical interconnect T-tree laminated on flexible substrate. EPJ Applied Physics, 2015, 72, 20103.	0.3	10
50	X-band negative group delay lossy stub line. IET Microwaves, Antennas and Propagation, 2018, 12, 137-143.	0.7	10
51	Tee power divider and combiner based negative group delay topology. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21414.	0.8	10
52	Anticipating Actuator Arbitrary Action With a Low-Pass Negative Group Delay Function. IEEE Transactions on Industrial Electronics, 2021, 68, 694-702.	5.2	10
53	Synthesis of RF Circuits with Negative Time Delay by Using LNA. Advanced Electromagnetics, 2013, 2, 44.	0.7	10
54	Original Application of Stop-Band Negative Group Delay Microwave Passive Circuit for Two-Step Stair Phase Shifter Designing. IEEE Access, 2022, 10, 1493-1508.	2.6	10

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55	Multiphysics Model of Microstrip Structure Under High Voltage Pulse Excitation. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2018, 3, 88-96.	1.4	9
56	Fast S-Parameter TAN Model of n-Port Lumped Structures. IEEE Access, 2019, 7, 72505-72517.	2.6	9
57	Low-Pass NGD Numerical Function and STM32 MCU Emulation Test. IEEE Transactions on Industrial Electronics, 2022, 69, 8346-8355.	5.2	9
58	Application of negative group delay active circuits to reduce the 50% propagation Delay of RC-line model. , 2008, , .		8
59	Direct Time-Domain TAN Model of 3D Multilayer Hybrid PCB: Experimental Validation. IEEE Access, 2018, 6, 60645-60654.	2.6	8
60	Multiphysics Tensorial Network Analysis Applied to PCB Interconnect Fatigue Under Thermal Cycle Aggression. IEEE Transactions on Electromagnetic Compatibility, 2019, , 1-8.	1.4	8
61	Original Theory of NGD Low Pass-High Pass Composite Function for Designing Inductorless BP NGD Lumped Circuit. IEEE Access, 2020, 8, 192951-192964.	2.6	8
62	Low-Pass NGD Voice Signal Sensing With Passive Circuit. IEEE Sensors Journal, 2020, 20, 6762-6775.	2.4	8
63	Diakoptics Modelling Applied to Flying Bird-Shape NGD Microstrip Circuit. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 637-641.	2.2	8
64	Synthesis of n -way active topology for wide-band RF/microwave applications. International Journal of Electronics, 2012, 99, 597-608.	0.9	7
65	Theory on asymmetrical coupled parallel line transmission and reflection zeros. International Journal of Circuit Theory and Applications, 2017, 45, 1534-1551.	1.3	7
66	Theory on negative time delay looped system. IET Circuits, Devices and Systems, 2018, 12, 175-181.	0.9	7
67	All-Pass Negative Group Delay Function With Transmission Line Feedback Topology. IEEE Access, 2019, 7, 155711-155723.	2.6	7
68	Reconstruction Technique of Distorted Sensor Signals with Low-Pass NGD Function. IEEE Access, 2020, , 1-1.	2.6	7
69	Equalization of digital/mixed-signal disturbances with an negative group delay circuit. , 2012, , .		6
70	Thermal modelling of multilayer walls for building retrofitting applications. Journal of Building Engineering, 2020, 29, 101126.	1.6	6
71	OIO-Shape PCB Trace Negative Group-Delay Analysis. IEEE Access, 2020, 8, 97707-97717.	2.6	6
72	Experimental Time-Domain Study for Bandpass Negative Group Delay Analysis With Lill-Shape Microstrip Circuit. IEEE Access, 2021, 9, 24155-24167.	2.6	6

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73	Calculation of time-domain near-field $E_x, y, z(t)$ from $H_x, y(t)$ with PWS and FFT transforms. , 2012, , .		5
74	APPLICATION OF A HYBRID MODEL FOR THE SUSCEPTIBILITY OF COMPLEX FORM METALLIC WIRES PERTURBED BY EM NEAR-FIELD RADIATED BY ELECTRONIC STRUCTURES. Progress in Electromagnetics Research B, 2012, 37, 143-169.	0.7	5
75	Design and synthesis of flexible switching 1 Å– 2 antenna array on Kapton substrate. EPJ Applied Physics, 2016, 74, 30102.	0.3	5
76	S-Parameter Model of IB-Shape Interconnect Lines Including Crosstalk Perturbation. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2567-2575.	1.4	5
77	High-pass NGD characterization of resistive-inductive network based low-frequency circuit. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2021, 40, 1032-1049.	0.5	5
78	Bandpass Negative Group Delay Theory of Fully Capacitive $\hat{\Gamma}$ -Network. IEEE Access, 2021, 9, 62430-62445.	2.6	5
79	Experimental investigation of Zener diode reliability under pulsed Electrical Overstress (EOS). Microelectronics Reliability, 2013, 53, 1288-1292.	0.9	4
80	Optimizing Atom Probe Analysis with Synchronous Laser Pulsing and Voltage Pulsing. Microscopy and Microanalysis, 2017, 23, 221-226.	0.2	4
81	Zonal Thermal Room Original Model With Kronâ€™s Method. IEEE Access, 2020, 8, 174893-174909.	2.6	4
82	NGD Analysis of Turtle-Shape Microstrip Circuit. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2477-2481.	2.2	4
83	INNOVATIVE MICROWAVE DESIGN OF FREQUENCY-INDEPENDENT PASSIVE PHASE SHIFTER WITH LCL-NETWORK AND BANDPASS NGD CIRCUIT. Progress in Electromagnetics Research C, 2021, 109, 187-203.	0.6	4
84	Bandpass NGD TAN of Symmetric H-Tree With Resistorless Lumped-Network. IEEE Access, 2021, 9, 41383-41396.	2.6	4
85	AC LOW-FREQUENCY CHARACTERIZATION OF STOPBAND NEGATIVE GROUP DELAY CIRCUIT. Progress in Electromagnetics Research C, 2021, 115, 261-276.	0.6	4
86	Design and Test of Crab-Shaped Negative Group Delay Circuit. IEEE Design and Test, 2022, 39, 67-76.	1.1	4
87	Flat Hyperbolic Centro-affine Tchebychev Hypersurfaces of \mathbb{R}^4 . Results in Mathematics, 2021, 76, 1.	0.4	4
88	Study and experimentation of a 6-dB attenuation low-pass NGD circuit. Analog Integrated Circuits and Signal Processing, 2022, 110, 105-114.	0.9	4
89	Pre-Detection Sensing With Multistage Low-Pass Type Negative Group Delay Circuit. IEEE Sensors Journal, 2022, 22, 11835-11846.	2.4	4
90	NGD circuit using a microwave amplifier for the signal integrity improvement. , 2012, , .		3

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91	Characterisation and modelling of near-field radiated emissions in the time-domain. , 2012, , .		3
92	Microwave/digital signal correction with integrable NGD circuits. , 2012, , .		3
93	Modelling of symmetrical distributed clock RC H-tree. , 2012, , .		3
94	Fast estimation of high-speed signal integrity for coupled PCB interconnects. , 2013, , .		3
95	Radiated EMC immunity investigation of common recognition identification platform for medical applications. EPJ Applied Physics, 2015, 69, 11002.	0.3	3
96	Non-uniqueness of the electric near-field planar emission model with dipole array. IET Microwaves, Antennas and Propagation, 2017, 11, 584-592.	0.7	3
97	Multiphysics Analysis of Pin-Socket Electrical Dynamic Contact Susceptibility Under Vibration Stress. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 344-351.	1.4	3
98	Multiphysics Analysis of Hemispherical Bulk Conductor Hertzian Contact Under Uniaxial Mechanical Load. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2019, 4, 171-179.	1.4	3
99	Kron's Branin modeling of symmetric star tree interconnect. International Journal of Circuit Theory and Applications, 2019, 47, 391-405.	1.3	3
100	Radiated EMC Kron's Model of 3-D Multilayer PCB Aggressed by Broadband Disturbance. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 406-414.	1.4	3
101	Innovative Theory of Low-Pass NGD via-Hole-Ground Circuit. IEEE Access, 2020, 8, 130172-130182.	2.6	3
102	S-Matrix and Bandpass Negative Group Delay Innovative Theory of Tri-Geometrical Shape Microstrip Structure. IEEE Access, 2020, 8, 160363-160373.	2.6	3
103	Analytical modeling of H-shape distributed topology with bandpass negative group delay behavior. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22295.	0.8	3
104	Braid Shielding Effectiveness Kron's Model via Coupled Cables Configuration. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1389-1393.	2.2	3
105	Design and Test of Innovative Three Couplers-Based Bandpass Negative Group Delay Active Circuit. IEEE Design and Test, 2021, , 1-1.	1.1	3
106	Bandpass NGD Time-Domain Experimental Test of Double-Li Microstrip Circuit. IEEE Design and Test, 2022, 39, 121-128.	1.1	3
107	Design Engineering of Tri-Band U-shape NGD Circuit. Radio Science, 2021, 56, e2021RS007269.	0.8	3
108	Design and Synthesis of Inductorless Passive Cell Operating as Stop-Band Negative Group Delay Function. IEEE Access, 2021, 9, 100141-100153.	2.6	3

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109	Novel Tee-Shaped Topology Theory of Low- and High-Pass NGD Double-Type Function. IEEE Access, 2022, 10, 28445-28460.	2.6	3
110	130-nm BiCMOS design of low-pass negative group delay integrated RL-circuit. International Journal of Circuit Theory and Applications, 2022, 50, 1876-1889.	1.3	3
111	Multilayer power delivery network modeling with modified Kron's method (MKM). , 2017, , .		2
112	Modified Kron's TAN modeling of 3D multilayer PCB. , 2017, , .		2
113	Kron-Branin modelling of ultra-short pulsed signal microelectrode. EPJ Applied Physics, 2018, 81, 21001.	0.3	2
114	Multiphysics TAN Modeling of Uniaxial Vibration Loaded Pin-Socket Electrical Contact. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2018, 3, 50-57.	1.4	2
115	Unity direct chain with feedback series impedance based innovative negative group delay circuit. AEU - International Journal of Electronics and Communications, 2018, 91, 11-17.	1.7	2
116	Design, Modeling and Synthesis of Negative Group Delay IL-Shape Topology. IEEE Access, 2019, 7, 153900-153909.	2.6	2
117	Reduction Technique of Differential Propagation Delay with Negative Group Delay Function. , 2020, , .		2
118	Radial stub based negative group delay circuit theory. IET Microwaves, Antennas and Propagation, 2020, 14, 515-521.	0.7	2
119	Design of π -Shape Stub-Based Negative Group Delay Circuit. IEEE Design and Test, 2021, 38, 78-88.	1.1	2
120	Dielectric Resonator Negative Group Delay Circuit. Radio Science, 2021, 56, e2020RS007254.	0.8	2
121	<sc>NGD</sc> investigation on medusa-shape interconnect structure. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22846.	0.8	2
122	Investigation on four-port mono-capacitor circuit with high-pass negative group delay behavior. International Journal of Circuit Theory and Applications, 2022, 50, 478-495.	1.3	2
123	Cable Delay Cancellation with Low-Pass NGD Function. , 2020, , .		2
124	Theory and Original Design of Resistive-Inductive Network High-Pass Negative Group Delay Integrated Circuit in 130-nm CMOS Technology. IEEE Access, 2022, 10, 27147-27161.	2.6	2
125	Electrical predictive model of Zener diode under pulsed EOS. Electronics Letters, 2015, 51, 327-328.	0.5	1
126	Analysis of multilayer interconnects distributed energy-per-bit and power integrity with Kron-Branin formalism. , 2017, , .		1

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127	1:4 Tree microstrip interconnect Kron-Branin model. , 2018, , .		1
128	NGD Synthesizer with Feedback Hybrid Coupler. , 2019, , .		1
129	SNR Kron-Branin Model of Shielded Coaxial Cable under Burst Striking. , 2019, , .		1
130	Cauer Ladder Inspired Kron-Branin Modeling of Thermal 1-D Diffusion. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 27-31.	2.2	1
131	Magneto-Dielectric Substrate Effect on Bandpass li-Circuit Negative Group Delay(NGD) Performance. , 2020, , .		1
132	On the investigation of contactless bandpass NGD control with microstrip patch-based circuit. Journal of Electromagnetic Waves and Applications, 2020, 34, 1849-1857.	1.0	1
133	Analysis of microstrip coupled line based data signal and energy hybrid receiver. Journal of Electromagnetic Waves and Applications, 2020, 34, 2433-2454.	1.0	1
134	DESIGN AND MODELLING OF LADDER-SHAPE TOPOLOGY GENERATING BANDPASS NGD FUNCTION. Progress in Electromagnetics Research C, 2021, 115, 145-160.	0.6	1
135	Bandpass NGD function design for 5G microwave signal delay synchronization application. Comptes Rendus Physique, 2021, 22, 53-71.	0.3	1
136	Bandpass NGD analysis of symmetric lumped Y-tree via tensorial analysis of networks formalism. Journal of Electromagnetic Waves and Applications, 2021, 35, 2125-2140.	1.0	1
137	Analysis, design and experimentation of high-pass negative group delay lumped circuit. Circuit World, 2023, 49, 180-191.	0.7	1
138	S-matrix-based bandpass negative group delay innovative model of inverted parallel arm distributed topology. Journal of Electromagnetic Waves and Applications, 0, , 1-15.	1.0	1
139	Tensorial-Analysis-of-Networks Applied to Bandpass Negative-Group-Delay Analysis of Resistorless LC-Coupler-Network. Radio Science, 2022, 57, .	0.8	1
140	Electromagnetic Characterization of Nanomaterials: Preliminary Study of 60GHz Millimetre Wave Li-NGD Circuit in Microstrip Technology. , 2022, , 267-295.		1
141	Sensitivity analyses of resistive power splitter. , 2015, , .		0
142	Resistive and distributed multiband NGD active circuit. , 2016, , .		0
143	Statistical Performances of Resistive Active Power Splitter. IOP Conference Series: Materials Science and Engineering, 2016, 120, 012015.	0.3	0
144	Temperature Effect Kron-Branin Model of Tree Microstrip Interconnects. , 2018, , .		0

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145	Low-Speed Signal Integrity Enhancement with Low-Pass NGD Function. , 2019, , .		0
146	NGD Circuit Design with Coupled Line EMI. , 2019, , .		0
147	NGD Bandpass Distributed Circuit. , 2019, , .		0
148	Negative group delay experimentation with tee connector and cable structures. EPJ Applied Physics, 2020, 91, 10903.	0.3	0
149	TAN modelling of HH-shape microstrip interconnect tree. Journal of Electromagnetic Waves and Applications, 2021, 35, 139-149.	1.0	0
150	Innovative Transient Study of Tri-Bandpass Negative Group Delay Applied to Microstrip Barcode-Circuit. IEEE Access, 2021, 9, 115030-115041.	2.6	0
151	Ring oscillators yield analysis: Improving Monte Carlo models with optimized clustering methods. International Journal of Circuit Theory and Applications, 2021, 49, 2227-2237.	1.3	0
152	Innovative Study of Resistor Shuntâ€Based Bridgedâ€T Topology With Bandpass Negative Group Delay Behavior. Radio Science, 2021, 56, e2021RS007280.	0.8	0
153	Bandpass NGD investigation of O-shape fully distributed structure with S-matrix modelling. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2021, 40, 640-659.	0.5	0
154	Modelling of the Signal Delay Induced by PCB Interconnect SISO Structure. , 2020, , 59-78.		0
155	Analytical Modeling Methodology of Single-Input Multiple-Output (SIMO) Symmetric Tree Interconnects by Using Lumped Element L-Cell. , 2020, , 79-106.		0
156	Z/Y/T/S-Matricesâ€™ Modelling of Symmetric SIMO Structure Based on Elementary Distributed RLC-Cell. , 2020, , 117-135.		0
157	Cartographical Analyses of Reflection and Transmission Coefficients of Shunt Coupled Lines. , 2020, , 167-189.		0
158	Robustness study of bandpass NGD behavior of ring-stub microstrip circuit under temperature variation. International Journal of Microwave and Wireless Technologies, 0, , 1-9.	1.5	0
159	NGD Analysis of 10-Line Microstrip Structure Crosstalk. , 2020, , .		0
160	Suitability of passive RC-network-based inductorless bridged-T as a bandpass NGD circuit. Circuit World, 2021, ahead-of-print, .	0.7	0
161	Measurement Characterization of Bandâ€Pass NGD Time Domain of a 1010â€Topology Passive Circuit. Radio Science, 2022, 57, .	0.8	0
162	Resonance and Time-Delay Annihilation with Bandpass NGD Active Circuit. , 2022, , .		0