

Wenceslas Rahajandraibe

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bandpass NGD Time- Domain Experimental Test of Double-Li Microstrip Circuit. IEEE Design and Test, 2022, 39, 121-128.	1.1	3
2	Design and Test of Crab-Shaped Negative Group Delay Circuit. IEEE Design and Test, 2022, 39, 67-76.	1.1	4
3	Low-Pass NGD Numerical Function and STM32 MCU Emulation Test. IEEE Transactions on Industrial Electronics, 2022, 69, 8346-8355.	5.2	9
4	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
5	Front End Electronics for Radiation Detectors Based on SiC: Application to High Dose per Pulse Charged Particle Beam Current Measurement. IEEE Sensors Journal, 2022, 22, 2326-2337.	2.4	4
6	Investigation on fourâ€­port monoâ€­capacitor circuit with highâ€­pass negative group delay behavior. International Journal of Circuit Theory and Applications, 2022, 50, 478-495.	1.3	2
7	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
8	Novel Tee-Shaped Topology Theory of Low- and High-Pass NGD Double-Type Function. IEEE Access, 2022, 10, 28445-28460.	2.6	3
9	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
10	130â€­nm BiCMOS design of lowâ€­pass negative group delay integrated RLâ€­circuit. International Journal of Circuit Theory and Applications, 2022, 50, 1876-1889.	1.3	3
11	Tensorialâ€­Analysisâ€­ofâ€­Networks Applied to Bandpass Negativeâ€­Groupâ€­Delay Analysis of Resistorless LCâ€­Couplerâ€­Network. Radio Science, 2022, 57, .	0.8	1
12	Resonance and Time-Delay Annihilation with Bandpass NGD Active Circuit. , 2022, , .		0
13	Design of â€­â€­â€­ Shape Stub-Based Negative Group Delay Circuit. IEEE Design and Test, 2021, 38, 78-88.	1.1	2
14	Design and Test of Innovative Three Couplers-Based Bandpass Negative Group Delay Active Circuit. IEEE Design and Test, 2021, , 1-1.	1.1	3
15	Bandpass NGD TAN of Symmetric H-Tree With Resistorless Lumped-Network. IEEE Access, 2021, 9, 41383-41396.	2.6	4
16	AC LOW-FREQUENCY CHARACTERIZATION OF STOPBAND NEGATIVE GROUP DELAY CIRCUIT. Progress in Electromagnetics Research C, 2021, 115, 261-276.	0.6	4
17	Innovative Transient Study of Tri-Bandpass Negative Group Delay Applied to Microstrip Barcode-Circuit. IEEE Access, 2021, 9, 115030-115041.	2.6	0
18	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

#	ARTICLE	IF	CITATIONS
19	Innovative Study of Resistor Shunt-Based Bridged Topology With Bandpass Negative Group Delay Behavior. Radio Science, 2021, 56, e2021RS007280.	0.8	0
20	Electromagnetic Cavity Resonance Equalization With Bandpass Negative Group Delay. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 1248-1257.	1.4	14
21	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
22	Design and Synthesis of Inductorless Passive Cell Operating as Stop-Band Negative Group Delay Function. IEEE Access, 2021, 9, 100141-100153.	2.6	3
23	Experimental Time-Domain Study for Bandpass Negative Group Delay Analysis With Lill-Shape Microstrip Circuit. IEEE Access, 2021, 9, 24155-24167.	2.6	6
24	Bandpass Negative Group Delay Theory of Fully Capacitive $\hat{\Gamma}$ -Network. IEEE Access, 2021, 9, 62430-62445.	2.6	5
25	Reconstruction Technique of Distorted Sensor Signals with Low-Pass NGD Function. IEEE Access, 2020, , 1-1.	2.6	7
26	OIO-Shape PCB Trace Negative Group-Delay Analysis. IEEE Access, 2020, 8, 97707-97717.	2.6	6
27	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
28	Innovative Theory of Low-Pass NGD via-Hole-Ground Circuit. IEEE Access, 2020, 8, 130172-130182.	2.6	3
29	Zonal Thermal Room Original Model With Kron's Method. IEEE Access, 2020, 8, 174893-174909.	2.6	4
30	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
31	Autonomous Event Driven Model of Second Order Voltage Switched Charge Pump PLL. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2903-2907.	2.2	1
32	Low-Pass NGD Voice Signal Sensoring With Passive Circuit. IEEE Sensors Journal, 2020, 20, 6762-6775.	2.4	8
33	NGD Analysis of Turtle-Shape Microstrip Circuit. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2477-2481.	2.2	4
34	Negative Group Delay Theory on Li Topology. IEEE Access, 2020, 8, 47596-47606.	2.6	14
35	Event Driven Modeling and Characterization of the Second Order Voltage Switched Charge Pump PLL. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 347-358.	3.5	15
36	Digitally controlled oscillator using active inductor based on CMOS inverters. Electronics Letters, 2014, 50, 1572-1574.	0.5	12