

Nikolay Butyrlagin

List of Publications by Year in descending order

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35
papers

104
citations

2681738

2
h-index

2272555

4
g-index

36
all docs

36
docs citations

36
times ranked

17
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Functional Programmable Active RC-Filters with Digital Elements for Parameter Resetting. , 2020, , .		0
2	Two-Channel Active RC-Filter with a Differential Input for Processing Signals of a Piezoelectric Transducer. , 2020, , .		1
3	Differential Difference Amplifiers in the Second Order Low-Sensitive All-Pass Active RC-Filters. , 2020, , .		3
4	Linear Logic Synthesis of Multi-Valued Sequential Circuits. Advances in Science, Technology and Engineering Systems, 2019, 4, 430-442.	0.4	1
5	All-Pass RC-Filters Architecture with Independent Adjustment of the Main Parameters Based on Differential Difference Amplifiers. Advances in Science, Technology and Engineering Systems, 2019, 4, 65-72.	0.4	3
6	Design of Two-Valued and Multivalued Current Digital Adders Based on the Mathematical Tool of Linear Algebra. , 2018, , .		1
7	Design of low-temperature DDOAs on the elements of BiJFet array chip MH2XA030. Serbian Journal of Electrical Engineering, 2018, 15, 233-247.	0.2	7
8	Linear algebra as an alternative approach to the synthesis of digital devices of automation and control systems. Advances in Science, Technology and Engineering Systems, 2018, 3, 168-190.	0.4	2
9	Operation-routing sequence of production of the radiation-hardened microcircuits of the structured array MH2XA010 for multichannel sensor systems. , 2016, , .		0
10	The radiation-hardened BiJFet differential amplifiers with negative current feedback on the common-mode signal. , 2016, , .		1
11	The multifunctional current logical element for digital computing devices, operating on the principles of linear (not boolean) algebra. , 2016, , .		6
12	The method of speeding of the operational amplifiers based on the folded cascode. , 2016, , .		10
13	Zero level of BiJFet-differential difference operational amplifiers and methods of its decrease in conditions of low temperatures and radiation effect. , 2016, , .		2
14	The differential difference amplifiers of sensor systems with input transistors of various physical nature. , 2016, , .		1
15	The multifunctional programmable multiplexer of potential signals of sensors. , 2016, , .		0
16	The differential and differential difference operational amplifiers of sensor systems based on bipolar-field technological process AGAMC. , 2016, , .		5
17	The radiation-hardened instrumentation amplifier based on the differential difference operational amplifier for BiJFET technological process. , 2015, , .		5
18	The peculiarities of the structural optimization of the energy-efficient precision ARC-filters on the base of classical and differential difference operational amplifiers. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	The reconfigurable radiation-hardened differential difference operational amplifier and its main connection circuits in sensor systems. , 2015, , .		4
20	The synthesis of compensation circuits of parasitic capacitances of the output circuit of classical broadband amplifiers of signal and telecommunications systems. , 2015, , .		1
21	The linear concept of logical synthesis of digital IP-modules of control and communication systems. , 2015, , .		9
22	Micropower high-speed CMOS operational amplifier with the circuit of nonlinear correction of the input stage. , 2015, , .		4
23	Circuit and connection design of microwave differential difference amplifiers. , 2014, , .		1
24	Selective amplifier microwave-based non-inverting repeater AC current element basis of radiation resistant SiGe process technology. , 2014, , .		0
25	Basic concept of linear synthesis of multi-valued digital structures in linear spaces. , 2014, , .		12
26	The input analog section of the ultrafast ADCs. , 2014, , .		0
27	The correction circuits for the broadband resistive voltage dividers with the capacitive load. , 2014, , .		1
28	The synthesis of the correction circuit of the high speed sensors of the physical quantities and current-voltage converters with the parasitic capacitance. , 2014, , .		2
29	The basic circuit frequency correction basic dynamic parameters of sensors of physical quantities with the potential output. , 2014, , .		0
30	SiGe Selective Amplifier of Microwave Range with High Asymptotic Attenuation. , 2014, , .		3
31	A method of increasing the stability of the zero level analog circuits based on the “Folded” cascode with the high-impedance point branch in the terms of temperature and radiation effects. , 2014, , .		2
32	Designing transmission lines EHF range with the end conductor on the substrate for hybrid integrated circuits. , 2014, , .		0
33	The Architectures of the Differential Amplifiers on SiGe Bipolar Transistors with Low Voltage Supply. , 2014, , .		2
34	The main connection circuits of the radiation-hardened differential difference amplifier based on the bipolar and field effect technological process. , 2014, , .		12
35	Methods of Increasing Voltage Gain of the Low-Voltage Classical Stages. , 2014, , .		2