

Vincenzo Stornelli

List of Publications by Year in descending order

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191
papers

2,799
citations

147566

31
h-index

288905

40
g-index

197
all docs

197
docs citations

197
times ranked

1202
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic interfaces. <i>Sensors and Actuators B: Chemical</i> , 2007, 121, 295-329.	4.0	93
2	Low-voltage low-power integrated analog lock-in amplifier for gas sensor applications. <i>Sensors and Actuators B: Chemical</i> , 2010, 144, 400-406.	4.0	72
3	High performance voltage output filter realizations using second generation voltage conveyor. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018, 28, e21534.	0.8	55
4	A New Simplified Five-Parameter Estimation Method for Single-Diode Model of Photovoltaic Panels. <i>Energies</i> , 2019, 12, 4271.	1.6	55
5	An Overview on the Second Generation Voltage Conveyor: Features, Design and Applications. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019, 66, 547-551.	2.2	55
6	Solar Photovoltaic Panels Combined with Energy Storage in a Residential Building: An Economic Analysis. <i>Sustainability</i> , 2018, 10, 3117.	1.6	54
7	The VCG-CCII: a novel building block and its application to capacitance multiplication. <i>Analog Integrated Circuits and Signal Processing</i> , 2009, 58, 55-59.	0.9	52
8	A CMOS Integrable Oscillator-Based Front End for High-Dynamic-Range Resistive Sensors. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2008, 57, 1596-1604.	2.4	51
9	A CCII-Based Low-Voltage Low-Power Read-Out Circuit for DC-Excited Resistive Gas Sensors. <i>IEEE Sensors Journal</i> , 2009, 9, 2035-2041.	2.4	51
10	Class AB tunable active inductor. <i>Electronics Letters</i> , 2015, 51, 65-67.	0.5	47
11	A single-chip integrated interfacing circuit for wide-range resistive gas sensor arrays. <i>Sensors and Actuators B: Chemical</i> , 2009, 143, 218-225.	4.0	46
12	Autobalancing Analog Front End for Full-Range Differential Capacitive Sensing. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018, 67, 885-893.	2.4	45
13	A New and Fast-Readout Interface for Resistive Chemical Sensors. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010, 59, 1276-1283.	2.4	43
14	A novel low-voltage low-power fully differential voltage and current gained CCII for floating impedance simulations. <i>Microelectronics Journal</i> , 2009, 40, 20-25.	1.1	40
15	A single current conveyor-based low voltage low power bootstrap circuit for ElectroCardioGraphy and ElectroEncephaloGraphy acquisition systems. <i>Analog Integrated Circuits and Signal Processing</i> , 2014, 79, 171-175.	0.9	40
16	Dual band harvester architecture for autonomous remote sensors. <i>Sensors and Actuators A: Physical</i> , 2016, 247, 598-603.	2.0	40
17	Environmental and economic benefits of optimal insulation thickness: A life-cycle cost analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 116, 109441.	8.2	40
18	A first approach to universal daylight and occupancy control system for any lamps: Simulated case in an academic classroom. <i>Energy and Buildings</i> , 2017, 152, 24-39.	3.1	38

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19	A second-generation voltage conveyor (VCII)-based simulated grounded inductor. International Journal of Circuit Theory and Applications, 2020, 48, 1180-1193.	1.3	38
20	LOW VOLTAGE LOW POWER FULLY DIFFERENTIAL BUFFER. Journal of Circuits, Systems and Computers, 2009, 18, 497-502.	1.0	37
21	A CCII-BASED HIGH IMPEDANCE INPLIT STAGE FOR BIOMEDICAL APPLICATIONS. Journal of Circuits, Systems and Computers, 2011, 20, 1441-1447.	1.0	37
22	An integrated improved CCII topology for resistive sensor application. Analog Integrated Circuits and Signal Processing, 2006, 48, 247-250.	0.9	36
23	A Tuneable Active Inductor With High Dynamic Range for Band-Pass Filter Applications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 647-651.	2.2	36
24	A low-voltage low-power 0.25- μm integrated single transistor active inductor-based filter. Analog Integrated Circuits and Signal Processing, 2016, 87, 463-469.	0.9	36
25	Fully differential DDA-based fifth and seventh order Bessel low pass filters and buffers for DCR radio systems. Analog Integrated Circuits and Signal Processing, 2013, 75, 305-310.	0.9	35
26	Integrated Rail-to-Rail Low-Voltage Low-Power Enhanced DC-Gain Fully Differential Operational Transconductance Amplifier. ETRI Journal, 2007, 29, 785-793.	1.2	33
27	Single transistor high linearity and wide dynamic range active inductor. International Journal of Circuit Theory and Applications, 2015, 43, 277-285.	1.3	33
28	Low-noise tunable filter design by means of active components. Electronics Letters, 2016, 52, 86-88.	0.5	33
29	Structural Health Monitoring: An IoT Sensor System for Structural Damage Indicator Evaluation. Sensors, 2020, 20, 4908.	2.1	33
30	Real-Time Autonomous System for Structural and Environmental Monitoring of Dynamic Events. Electronics (Switzerland), 2018, 7, 420.	1.8	32
31	A New Low-Voltage Low-Power Dual-Mode VCII-Based SIMO Universal Filter. Electronics (Switzerland), 2019, 8, 765.	1.8	31
32	An Autonomous Low-Power LoRa-Based Flood-Monitoring System. Journal of Low Power Electronics and Applications, 2020, 10, 15.	1.3	31
33	TUNABLE ACTIVE FILTERS FOR RF AND MICROWAVE APPLICATIONS. Journal of Circuits, Systems and Computers, 2014, 23, 1450088.	1.0	30
34	RF and microwave high-Q floating active inductor design and implementation. International Journal of Circuit Theory and Applications, 2015, 43, 1095-1104.	1.3	30
35	Full range analog Wheatstone bridge-based automatic circuit for differential capacitance sensor evaluation. International Journal of Circuit Theory and Applications, 2017, 45, 2149-2156.	1.3	30
36	Uncalibrated integrable wide-range single-supply portable interface for resistance and parasitic capacitance determination. Sensors and Actuators B: Chemical, 2008, 132, 477-484.	4.0	29

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37	Novel CMOS fully integrable interface for wide-range resistive sensor arrays with parasitic capacitance estimation. <i>Sensors and Actuators B: Chemical</i> , 2008, 130, 207-215.	4.0	29
38	Third order integrable UHF bandpass filter using active inductors. <i>Microwave and Optical Technology Letters</i> , 2012, 54, 1426-1429.	0.9	28
39	Automatic Bridge-based Interface for Differential Capacitive Full Sensing. <i>Procedia Engineering</i> , 2016, 168, 1585-1588.	1.2	27
40	A New High Drive Class-AB FVF-Based Second Generation Voltage Conveyor. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 405-409.	2.2	27
41	A New Extremely Low Power Temperature Insensitive Electronically Tunable VCII-Based Grounded Capacitance Multiplier. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021, 68, 72-76.	2.2	27
42	The assessment of wind conditions by means of hot wire sensors and a modified Wheatstone bridge architecture. <i>Sensors and Actuators A: Physical</i> , 2017, 262, 130-139.	2.0	26
43	A CMOS full-range linear integrated interface for differential capacitive sensor readout. <i>Sensors and Actuators A: Physical</i> , 2018, 281, 130-140.	2.0	26
44	A CCII-based wide frequency range square waveform generator. <i>International Journal of Circuit Theory and Applications</i> , 2013, 41, 1-13.	1.3	25
45	Traditional Op-Amp and new VCII: A comparison on analog circuits applications. <i>AEU - International Journal of Electronics and Communications</i> , 2019, 110, 152845.	1.7	25
46	Integrated Measuring and Control System for Thermal Analysis of Buildings Components in Hot Box Experiments. <i>Energies</i> , 2019, 12, 2053.	1.6	25
47	A new versatile full wave rectifier using voltage conveyors. <i>AEU - International Journal of Electronics and Communications</i> , 2020, 122, 153267.	1.7	25
48	A rail-to-rail constant-g m CCII for Instrumentation Amplifier applications. <i>AEU - International Journal of Electronics and Communications</i> , 2018, 91, 103-109.	1.7	24
49	A VCII-Based Stray Insensitive Analog Interface for Differential Capacitance Sensors. <i>Sensors</i> , 2019, 19, 3545.	2.1	24
50	A new VCII based grounded positive/negative capacitance multiplier. <i>AEU - International Journal of Electronics and Communications</i> , 2021, 137, 153793.	1.7	24
51	An IC architecture for RF Energy Harvesting systems. <i>Journal of Communications Software and Systems</i> , 2017, 13, 96.	0.6	23
52	Current-Mode High-Accuracy High-Precision CMOS Amplifiers. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2008, 55, 394-398.	2.2	22
53	HIGH QUALITY FACTOR L-BAND ACTIVE INDUCTOR-BASED BAND-PASS FILTERS. <i>Journal of Circuits, Systems and Computers</i> , 2013, 22, 1350014.	1.0	22
54	A Novel Electronic Interface for Micromachined Si-Based Photomultipliers. <i>Micromachines</i> , 2018, 9, 507.	1.4	22

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55	Low Voltage Integrated Astable Multivibrator Based on a Single CCII. , 2007, , .		21
56	A Low Cost Fully Integrable in a Standard CMOS Technology Portable System for the Assessment of Wind Conditions. Procedia Engineering, 2016, 168, 1024-1027.	1.2	21
57	Thermal Transmittance Measurements of the Historical Masonries: Some Case Studies. Energies, 2018, 11, 2987.	1.6	20
58	A low-cost portable spherical directional anemometer for fixed points measurement. Sensors and Actuators A: Physical, 2018, 280, 543-551.	2.0	20
59	IoT-Ready Energy-Autonomous Parking Sensor Device. IEEE Internet of Things Journal, 2021, 8, 4830-4840.	5.5	20
60	Electronically Tunable First Order AP/LP and LP/HP Filter Topologies Using Electronically Controllable Second Generation Voltage Conveyor (CVCII). Electronics (Switzerland), 2021, 10, 822.	1.8	19
61	Energy harvester for remote sensors systems. , 2016, , .		18
62	A New Simulated Inductor with Reduced Series Resistor Using a Single VCII $\hat{\pm}$. Electronics (Switzerland), 2021, 10, 1693.	1.8	18
63	Remote sensor networks with efficient energy harvesting architecture. , 2016, , .		17
64	Analysis and design of a new COA-based current-mode instrumentation amplifier with robust performance against mismatches. AEU - International Journal of Electronics and Communications, 2018, 89, 105-109.	1.7	17
65	New mixed-mode second-generation voltage conveyor based first-order all-pass filter. IET Circuits, Devices and Systems, 2020, 14, 901-907.	0.9	17
66	NIC-based capacitance multipliers for low-frequency integrated active filter applications. , 2007, , .		16
67	An Integrated Analog Lock-In Amplifier for Low-Voltage Low-Frequency Sensor Interface. , 2007, , .		16
68	A standard CMOS bridge-based analog interface for differential capacitive sensors. , 2017, , .		16
69	A human body powered sensory glove system based on multisource energy harvester. , 2018, , .		16
70	A low-cost energy-harvesting sensory headwear useful for tetraplegic people to drive home automation. AEU - International Journal of Electronics and Communications, 2019, 107, 9-14.	1.7	16
71	New Resistor-Less Electronically Controllable $\hat{\pm}C$ Simulator Employing VCII, DVCC, and a Grounded Capacitor. Electronics (Switzerland), 2022, 11, 286.	1.8	16
72	Reliable and Inexpensive Solar Irradiance Measurement System Design. Procedia Engineering, 2016, 168, 1767-1770.	1.2	15

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73	New Current Mode Wheatstone Bridge Topologies with Intrinsic Linearity. , 2018, , .		15
74	An Analog Bootstrapped Biosignal Read-Out Circuit With Common-Mode Impedance Two-Electrode Compensation. IEEE Sensors Journal, 2018, 18, 2861-2869.	2.4	14
75	On Field Infrared Thermography Sensing for PV System Efficiency Assessment: Results and Comparison with Electrical Models. Sensors, 2020, 20, 1055.	2.1	14
76	Smart power management system for home appliances and wellness based on wireless sensors network and mobile technology. , 2015, , .		13
77	A New VCII Application: Sinusoidal Oscillators. Journal of Low Power Electronics and Applications, 2021, 11, 30.	1.3	13
78	Current conveyor-based differential capacitance analog interface for displacement sensing application. AEU - International Journal of Electronics and Communications, 2017, 81, 83-91.	1.7	12
79	A rail-to-rail DC-enhanced adaptive biased fully differential OTA. , 2007, , .		11
80	A low-voltage low-power instrumentation amplifier based on supply current sensing technique. AEU - International Journal of Electronics and Communications, 2018, 91, 125-131.	1.7	11
81	The AB-CCII, a novel adaptive biasing LV-LP current conveyor architecture. AEU - International Journal of Electronics and Communications, 2017, 79, 301-306.	1.7	10
82	High dynamic range, low power, tunable, active filter for RF and microwave wireless applications. IET Microwaves, Antennas and Propagation, 2018, 12, 595-601.	0.7	10
83	A New Rail-to-Rail Second Generation Voltage Conveyor. Electronics (Switzerland), 2019, 8, 1292.	1.8	10
84	Full-Analog Parasitic Capacitance Compensation for AC-Excited Differential Sensors. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5890-5899.	2.4	10
85	A New Realization of Electronically Tunable Multiple-Input Single-Voltage Output Second-Order LP/BP Filter Using VCII. Electronics (Switzerland), 2022, 11, 646.	1.8	10
86	Integrated CMOS interfaces for wide-range resistive gas sensors. Sensors and Actuators B: Chemical, 2006, 118, 269-275.	4.0	9
87	Analog current-mode interfaces for differential capacitance sensing. , 2016, , .		9
88	Gallium arsenide 0.5â€“18 GHz antenna frontâ€“end with integrated limiter and differential to single ended lowâ€“noise amplifier. IET Microwaves, Antennas and Propagation, 2018, 12, 947-953.	0.7	9
89	A Low Cost Flexible Power Line Communication System. Lecture Notes in Electrical Engineering, 2018, , 413-420.	0.3	9
90	Electronic Interface for Lidar System and Smart Cities Applications. Journal of Communications Software and Systems, 2019, 15, .	0.6	9

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91	A novel CMOS temperature control system for resistive gas sensor arrays. , 0, , .		8
92	A high precision temperature control system for CMOS integrated wide range resistive gas sensors. Analog Integrated Circuits and Signal Processing, 2006, 47, 293-301.	0.9	8
93	A tunable 0.5-1.3 GHz CMOS 2nd order bandpass filter with 50 $\hat{\circ}$ input-output impedance matching. , 0, , .		8
94	Global Modeling Analysis of HEMTs by the Spectral Balance Technique. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 1405-1412.	2.9	8
95	A Frequency- and Space-Domain Series-Expansion Approach for Efficient Numerical Modeling of Semiconductor Devices. IEEE Transactions on Electron Devices, 2008, 55, 3525-3531.	1.6	8
96	An assessment on low-voltage low-power integrated single transistor active inductor design for RF filter applications. , 2016, , .		8
97	Automated Calibration System for RF Configurable Voltage-Controlled Filters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1034-1038.	2.2	8
98	A New Approach to the Design of High Dynamic Range Tunable Active Inductors. , 2008, , .		7
99	A novel general purpose current mode oscillating circuit for the read-out of capacitive sensors. , 2009, , .		7
100	A standard CMOS technology fully-analog differential capacitance sensor front-end. , 2015, , .		7
101	GaAs MMIC tunable active filter. , 2017, , .		7
102	An approach for AI-based filter design by means of neural networks. , 2017, , .		7
103	On-chip active filter in GaAs technology for wireless communication systems. Analog Integrated Circuits and Signal Processing, 2018, 96, 1-7.	0.9	7
104	A Novel General Purpose Combined DFVF/VCI Based Biomedical Amplifier. Electronics (Switzerland), 2020, 9, 331.	1.8	7
105	Electronic System for Monitoring of Dust on Construction Sites for the Health of Workers. , 2021, , .		7
106	Realization of an Electronically Tunable Resistor-Less Floating Inductance Simulator Using VCII. Electronics (Switzerland), 2022, 11, 312.	1.8	7
107	A Gas Sensor Device for Oxygen and Carbon Dioxide Detection. Proceedings (mdpi), 2017, 1, 447.	0.2	6
108	FDM 3D Printing of high performance composite materials. , 2019, , .		6

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109	Noise analysis and optimization of VCII-based SiPM interface circuit. Analog Integrated Circuits and Signal Processing, 2021, 109, 1-9.	0.9	6
110	RF Active Inductors Small-Signal Design by Means of Conformal Transformations. IEEE Access, 2020, 8, 50390-50398.	2.6	6
111	A Second-Generation Voltage-Conveyor-Based Interface for Ultrasonic PVDF Sensors. Micromachines, 2021, 12, 99.	1.4	6
112	Towards Realization of a Low-Voltage Class-AB VCII with High Current Drive Capability. Electronics (Switzerland), 2021, 10, 2303.	1.8	6
113	A novel LV LP CMOS internal topology of CCII+ and its application in current-mode integrated circuits. , 2009, , .		5
114	Automatic Wireless Monitoring System for Real-Time Rock Fall Events. Proceedings (mdpi), 2017, 1, .	0.2	5
115	Current-Mode Instrumentation Amplifiers. Analog Circuits and Signal Processing Series, 2019, , .	0.3	5
116	A Novel Actuatingâ€“Sensing Bone Conduction-Based System for Active Hand Pose Sensing and Material Densities Evaluation Through Hand Touch. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-7.	2.4	5
117	Low power class-AB VCII with extended dynamic range. AEU - International Journal of Electronics and Communications, 2022, 146, 154120.	1.7	5
118	<title>A temperature control system for integrated resistive gas sensor arrays</title>. , 2005, , .		4
119	A New CMOS Integrable Oscillating Circuit for High-Value Wide-Range Resistive Sensors. , 2007, , .		4
120	A fully-differential Symmetrical OTA-based rail-to-rail Switched Buffer. , 2007, , .		4
121	Integrated CMOS resistance-to-period converter with parasitic capacitance evaluation. , 2009, , .		4
122	Low-phase-noise VCO with active resonator. , 2014, , .		4
123	Active resonator for lowâ€“phaseâ€“noise tunable oscillators. Microwave and Optical Technology Letters, 2016, 58, 1032-1035.	0.9	4
124	Class-AB current conveyors based on the FVF. , 2017, , .		4
125	Silicon Photomultiplier Sensor Interface Based on a Discrete Second Generation Voltage Conveyor. Sensors, 2020, 20, 2042.	2.1	4
126	An Uncalibrated Wide-Range Single-Supply Integrable Front-End for Resistance and Capacitance Estimation. , 2007, , .		3

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127	CMOS PULSE GENERATOR FOR BPSK, OOK, PAM, AND PPM MODULATIONS. Journal of Circuits, Systems and Computers, 2009, 18, 487-495.	1.0	3
128	Physical/electromagnetic analysis of multifinger MOSFETs with SB-SP combined methods. International Journal of RF and Microwave Computer-Aided Engineering, 2010, 20, 141-147.	0.8	3
129	A GAUSSIAN MONOCYCLE PULSE GENERATOR/MODULATOR FOR UWB RADIOS APPLICATIONS. Journal of Circuits, Systems and Computers, 2014, 23, 1450060.	1.0	3
130	Power-efficient dynamic-biased CCII. , 2017, , .		3
131	A Spherical Directional Anemometer Sensor System. Proceedings (mdpi), 2017, 1, 388.	0.2	3
132	Linear Integrated Interface for Automatic Differential Capacitive Sensing. Proceedings (mdpi), 2017, 1, 592.	0.2	3
133	CCII-Based Voltage Amplifier Optimization for Reduced Relative Gain Error. Circuits, Systems, and Signal Processing, 2018, 37, 1315-1326.	1.2	3
134	Resonant Directly Coupled Inductorsâ€“Capacitors Ladder Network Shows a New, Interesting Property Useful for Application in the Sensor Field, Down to Micrometric Dimensions. Micromachines, 2018, 9, 343.	1.4	3
135	Sensorial Multifunctional Panels for Smart Factory Applications. Electronics (Switzerland), 2021, 10, 1495.	1.8	3
136	On the use of field programmable gate arrays in light detection and ranging systems. Review of Scientific Instruments, 2021, 92, 121501.	0.6	3
137	Frequency-Domain Physics-Based Analysis of semiconductor devices by a Spectral-Balance approach. , 2006, , .		2
138	High-Accuracy, High-Precision DEM-CCII Amplifiers. , 2007, , .		2
139	A novel low-voltage low-power Second Generation Current Conveyor-based front-end for high-valued DC-excitated resistive sensors. , 2008, , .		2
140	NEW LOW-VOLTAGE LOW-POWER CURRENT-MODE RESISTIVE SENSOR INTERFACE WITH R/T CONVERSION AND DC EXCITATION VOLTAGE. , 2008, , .		2
141	A new interface for resistive chemical sensors with low measuring time. , 2009, , .		2
142	A 0.13um double balanced mixer for 3.2-4.8GHz IR-UWB applications. , 2012, , .		2
143	Class AB gyrator-based active inductor. , 2015, , .		2
144	RF active circuit simulating a floating inductance. , 2015, , .		2

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145	A wideband class-AB tunable active filter. , 2015, , .		2
146	A simplified architecture for differential capacitance sensors. , 2015, , .		2
147	An active and passive antenna pattern comparison. , 2016, , .		2
148	Bandpass filter design with active inductor by means of wave digital approach. , 2017, , .		2
149	Digital Multi-Probe Temperature Monitoring System for Long-Term on Field Measurements. Proceedings (mdpi), 2017, 1, 596.	0.2	2
150	Artificial neural networks approach to active inductor-based filter design. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21568.	0.8	2
151	A Review on VCII Applications in Signal Conditioning for Sensors and Bioelectrical Signals: New Opportunities. Sensors, 2022, 22, 3578.	2.1	2
152	A Frequency-Domain Spectral-Balance Quasi-Two-Dimensional Approach for the Simulation of Nonlinear Devices and Circuits. , 2006, , .		1
153	A CMOS Integrable DDCCII-Based Readout System For Portable Potentiometric Sensors Array. , 2009, , .		1
154	Uncalibrated Current-Mode Oscillator For Resistive Gas Sensor Integrable Applications. , 2009, , .		1
155	HF Class-E based multiplier circuits. , 2010, , .		1
156	High quality factor integrable bandpass filter by using tunable active inductor. , 2011, , .		1
157	SB-PE drift-diffusion algorithm for FET devices global modeling. Microelectronics Journal, 2013, 44, 45-49.	1.1	1
158	A single transistor post selector active tunable filter for radio receivers applications. , 2014, , .		1
159	A wideband class-AB tunable active filter. , 2015, , .		1
160	Integrable electronic system for pulseoximetry/heartbeat detection. , 2015, , .		1
161	High efficiency active filter. , 2017, , .		1
162	Current-mode differential capacitance to voltage converter for position sensing. , 2017, , .		1

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163	Design considerations and effects of class-AB polarization in active filters realized by means of active inductors. , 2017, , .		1
164	Wireless Smart Parking Sensor System for Vehicles Detection. Lecture Notes in Electrical Engineering, 2018, , 197-200.	0.3	1
165	Fully analog automatic stray compensation for bridge-based differential capacitive sensor interfaces. , 2018, , .		1
166	A 3D Printable Apparatus for the Industrial Programming of NFC/RFID TAGs. , 2019, , .		1
167	Flexible Piezoelectric Harvester for Human Fingers: Measurements and Applications. , 2019, , .		1
168	Low-Current Design of GaAs Active Inductor for Active Filters Applications. Electronics (Switzerland), 2020, 9, 1232.	1.8	1
169	Low-power class-AB 4 th -order low-pass filter based on current conveyors with dynamic mismatch compensation of biasing errors. International Journal of Circuit Theory and Applications, 2020, 48, 472-484.	1.3	1
170	Voltage-Mode Analog Interfaces for Differential Capacitance Position Transducers. Lecture Notes in Electrical Engineering, 2018, , 388-397.	0.3	1
171	CCII-Based Linear Ratiometric Capacitive Sensing by Analog Read-Out Circuits. Lecture Notes in Electrical Engineering, 2018, , 398-405.	0.3	1
172	Integrable Autonomous Devices for WSNs. Lecture Notes in Electrical Engineering, 2018, , 406-412.	0.3	1
173	CCII-BASED OSCILLATOR FOR SENSOR INTERFACE. , 2008, , .		1
174	A New Fully Closed-Loop, High-Precision, Class-AB CCII for Differential Capacitive Sensor Interfaces. Electronics (Switzerland), 2022, 11, 903.	1.8	1
175	Efficient Frequency Domain plus Spatial Expansion Method For Semiconductor Devices Modeling. , 2008, , .		0
176	A CCII-BASED DYNAMIC ELEMENT MATCHED HIGH PRECISION INSTRUMENTATION AMPLIFIER FOR IC SENSOR APPLICATIONS. , 2008, , .		0
177	A New, Fast Readout, Interface For High-value Resistive Chemical Sensors. , 2009, , .		0
178	Global modeling of multifinger MOSFETs with SB-SP combined analysis. , 2009, , .		0
179	Notice of Violation of IEEE Publication Principles: A low complexity tuneable pulse generator architecture for sub-GHz UWB applications. , 2011, , .		0
180	Oscillator phase-noise reduction using active inductor. , 2014, , .		0

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181	A physic based model of antenna-coupled mom diodes for lwir harvesters smart systems. , 2015, , .		0
182	Microwave Active Filter Design. , 0, , .		0
183	Integrable Sensor System for Live Monitoring of Loudspeaker Performances. Lecture Notes in Electrical Engineering, 2018, , 3-7.	0.3	0
184	Editorial for the Special Issue on Interface Circuits for Microsensor Integrated Systems. Micromachines, 2018, 9, 527.	1.4	0
185	CMIA for Biomedical and Low-Voltage Low-Power Applications. Analog Circuits and Signal Processing Series, 2019, , 137-155.	0.3	0
186	CMIA for Sensor Applications. Analog Circuits and Signal Processing Series, 2019, , 157-169.	0.3	0
187	UNCALIBRATED HIGH-DYNAMIC RANGE RESISTIVE SENSOR FRONT-END WITH PARALLEL CAPACITANCE ESTIMATION. , 2008, , .		0
188	A 77 HZ LOCK-IN AMPLIFIER FOR SENSOR APPLICATIONS. , 2008, , .		0
189	A Compact Architecture for Heartbeat Monitoring. Lecture Notes in Electrical Engineering, 2014, , 301-305.	0.3	0
190	An Electrode Impedance Balanced Interface for Biomedical Application. Lecture Notes in Electrical Engineering, 2018, , 289-294.	0.3	0
191	Structural Health Monitoring: a system for the correct synchronization of the sensors. , 2021, , .		0