

Wing-Hung Ki

List of Publications by Year in descending order

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225
papers

6,292
citations

94433

37
h-index

91884

69
g-index

225
all docs

225
docs citations

225
times ranked

3222
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-Efficient Dual-Node-Upset-Recoverable 12T SRAM for Low-Power Aerospace Applications. IEEE Access, 2023, 11, 20184-20195.	4.2	6
2	A 27W D2D Wireless Power Transfer System with Compact Single-Stage Regulated Class-E Architecture and Adaptive ZVS Control. , 2022, , .		2
3	Soft-Error-Aware Read-Stability-Enhanced Low-Power 12T SRAM With Multi-Node Upset Recoverability for Aerospace Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1560-1570.	5.4	18
4	Ultrahigh PSR Output-Capacitor-Free Adaptively Biased 2-Power-Transistor LDO With 200-mV Dropout. IEEE Solid-State Circuits Letters, 2022, 5, 106-109.	2.0	3
5	Fully-Integrated Switched-Capacitor Converter With Capacitor Bridging for Improved Current Density. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4063-4067.	3.0	3
6	Circuit Techniques for High Efficiency Fully-Integrated Switched-Capacitor Converters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 556-561.	3.0	8
7	Soft-Error Resilient Read Decoupled SRAM With Multi-Node Upset Recovery for Space Applications. IEEE Transactions on Electron Devices, 2021, 68, 2246-2254.	3.0	31
8	A 6.78 MHz Single-Stage Wireless Power Transmitter Using a 3-Mode Zero-Voltage Switching Class-D PA. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2736-2748.	5.4	9
9	Design of Soft-Error-Aware SRAM With Multi-Node Upset Recovery for Aerospace Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2470-2480.	5.4	38
10	Radiation-hardened read-decoupled low-power 12T SRAM for space applications. International Journal of Circuit Theory and Applications, 2021, 49, 3583-3596.	2.0	11
11	Soft-Error-Immune Read-Stability-Improved SRAM for Multi-Node Upset Tolerance in Space Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3317-3327.	5.4	18
12	Soft-Error-Aware Read-Decoupled SRAM With Multi-Node Recovery for Aerospace Applications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3336-3340.	3.0	13
13	An Adaptively Biased Output-Capacitor-Free Low-Dropout Regulator With Supply Ripple Subtraction and Pole-Tracking-Compensation. IEEE Transactions on Power Electronics, 2021, 36, 12795-12804.	7.9	7
14	Analysis of Inductor Current for Series Resonant Tank at Different Practical Operating Conditions. , 2021, , .		3
15	A 40.68-MHz Active Rectifier With Hybrid Adaptive On/Off Delay-Compensation Scheme for Biomedical Implantable Devices. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 516-525.	5.4	27
16	Subtraction-Mode Switched-Capacitor Converters With Parasitic Loss Reduction. IEEE Transactions on Power Electronics, 2020, 35, 1200-1204.	7.9	10
17	A highly stable reliable SRAM cell design for low power applications. Microelectronics Reliability, 2020, 105, 113503.	1.7	39
18	A Multiphase Switched-Capacitor Converter for Fully Integrated AMLED Microdisplay System. IEEE Transactions on Power Electronics, 2020, 35, 6001-6011.	7.9	15

#	ARTICLE	IF	CITATIONS
19	An NMOS Digital LDO With NAND-Based Analog-Assisted Loop in 28-nm CMOS. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 4041-4052.	5.4	18
20	40.68 MHz Digital On-Off Delay-Compensated Active Rectifier for WPT of Biomedical Applications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3307-3311.	3.0	14
21	Reliable write assist low power SRAM cell for wireless sensor network applications. IET Circuits, Devices and Systems, 2020, 14, 137-147.	1.4	19
22	A 6.78-MHz Single-Stage Wireless Charger With Constant-Current Constant-Voltage Charging Technique. IEEE Journal of Solid-State Circuits, 2020, 55, 999-1010.	5.4	24
23	Design of Power- and Variability-Aware Nonvolatile RRAM Cell Using Memristor as a Memory Element. IEEE Journal of the Electron Devices Society, 2019, 7, 701-709.	2.1	33
24	Design and development of memristor-based RRAM. IET Circuits, Devices and Systems, 2019, 13, 548-557.	1.4	14
25	Characterization of Half-Select Free Write Assist 9T SRAM Cell. IEEE Transactions on Electron Devices, 2019, 66, 4745-4752.	3.0	47
26	Transmission gate-based 9T SRAM cell for variation resilient low power and reliable internet of things applications. IET Circuits, Devices and Systems, 2019, 13, 584-595.	1.4	34
27	Spatial Temperature Sensor with Distributed MASH Modulators. , 2019, , .		2
28	A DCM ZVS Class-D Power Amplifier for Wireless Power Transfer Applications. , 2019, , .		4
29	A Low-Power Relaxation Oscillator With Switched-Capacitor Frequency-Locked Loop for Wireless Sensor Node Applications. IEEE Solid-State Circuits Letters, 2019, 2, 281-284.	2.0	4
30	A Transient-Enhanced Output-Capacitor-Free Low-Dropout Regulator With Dynamic Miller Compensation. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2019, 27, 243-247.	3.1	15
31	A digital SC converter with high efficiency and low voltage ripple. , 2018, , .		0
32	Design Considerations of Distributed and Centralized Switched-Capacitor Converters for Power Supply On-Chip. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 515-525.	5.4	22
33	Analysis and Design of a Ripple Reduction Chopper Bandpass Amplifier. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1185-1195.	5.4	11
34	A dual-output SC converter with dynamic power allocation for multicore application processors. , 2018, , .		0
35	Linear Regulators for WPT. Analog Circuits and Signal Processing Series, 2018, , 97-126.	0.3	2
36	Polyimide-Based Flexible 3-Coil Inductive Link Design and Optimization. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
37	A Simplified PWM Controller for Wireless Power Receiver Using a 3-Mode Reconfigurable Resonant Regulating Rectifier. , 2018, , .		0
38	A self-powered zero-quiescent-current active rectifier for piezoelectric energy harvesting. IEICE Electronics Express, 2018, 15, 20180739-20180739.	0.8	4
39	Relaxation Oscillator With Dynamic Comparator and Slope-Boosting Technique. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1330-1334.	3.0	12
40	A Fully Integrated Analog Front End for Biopotential Signal Sensing. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 3800-3809.	5.4	34
41	DC-DC Converters for WPT. Analog Circuits and Signal Processing Series, 2018, , 127-141.	0.3	0
42	Wireless Power Transfer Systems. Analog Circuits and Signal Processing Series, 2018, , 13-32.	0.3	0
43	Wireless Power Transfer System With $\Sigma\Delta$ -Modulated Transmission Power and Fast Load Response for Implantable Medical Devices. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 279-283.	3.0	32
44	A 6.78-MHz Single-Stage Wireless Power Receiver Using a 3-Mode Reconfigurable Resonant Regulating Rectifier. IEEE Journal of Solid-State Circuits, 2017, 52, 1412-1423.	5.4	65
45	20.5 A dual-symmetrical-output switched-capacitor converter with dynamic power cells and minimized cross regulation for application processors in 28nm CMOS. , 2017, , .		16
46	Digital 2-/3-Phase Switched-Capacitor Converter With Ripple Reduction and Efficiency Improvement. IEEE Journal of Solid-State Circuits, 2017, 52, 1836-1848.	5.4	45
47	Predicting Subharmonic Oscillation of Voltage-Mode Switching Converters Using a Circuit-Oriented Geometrical Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 717-730.	5.4	20
48	Fully Integrated Inductor-Less Flipping-Capacitor Rectifier for Piezoelectric Energy Harvesting. IEEE Journal of Solid-State Circuits, 2017, 52, 3168-3180.	5.4	77
49	Chopper Capacitively Coupled Instrumentation Amplifier Capable of Handling Large Electrode Offset for Biopotential Recordings. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1392-1396.	3.0	32
50	A 100 MHz Hybrid Supply Modulator With Ripple-Current-Based PWM Control. IEEE Journal of Solid-State Circuits, 2017, 52, 569-578.	5.4	18
51	A Multiphase Switched-Capacitor DC-DC Converter Ring With Fast Transient Response and Small Ripple. IEEE Journal of Solid-State Circuits, 2017, 52, 579-591.	5.4	57
52	A Dual-Output Wireless Power Transfer System With Active Rectifier and Three-Level Operation. IEEE Transactions on Power Electronics, 2017, 32, 927-930.	7.9	35
53	Fully-integrated AMLED micro display system with a hybrid voltage regulator. , 2017, , .		10
54	CMOS fully-integrated coulomb counter based on voltage-to-frequency conversion algorithm. , 2017, , .		0

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55	Optic Nerve Stimulation System with Adaptive Wireless Powering and Data Telemetry. <i>Micromachines</i> , 2017, 8, 368.	2.9	7
56	An Implantable Medical Device for Transcorneal Electrical Stimulation: Packaging Structure, Process Flow, and Toxicology Test. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2016, , 1-7.	2.5	2
57	Methods for measuring loop-gain function of high-frequency DC-DC converters. , 2016, , .		2
58	A low-power chopper bandpass amplifier for biopotential sensors. , 2016, , .		3
59	An indoor solar energy harvesting system using dual mode SIDO converter with fully digital time-based MPPT. , 2016, , .		6
60	A WLAN 2.4-GHz RF energy harvesting system with reconfigurable rectifier for wireless sensor network. , 2016, , .		17
61	A generic model for constructing three-stage amplifiers. , 2016, , .		1
62	A digitally-controlled 2-/3-phase 6-ratio switched- capacitor DC-DC converter with adaptive ripple reduction and efficiency improvements. , 2016, , .		6
63	Analysis and Design Considerations of Integrated 3-Level Buck Converters. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2016, 63, 671-682.	5.4	66
64	Limit Cycle Oscillation Reduction for Digital Low Dropout Regulators. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016, 63, 903-907.	3.0	49
65	Adaptive On/Off Delay-Compensated Active Rectifiers for Wireless Power Transfer Systems. <i>IEEE Journal of Solid-State Circuits</i> , 2016, 51, 712-723.	5.4	124
66	Reconfigurable Resonant Regulating Rectifier With Primary Equalization for Extended Coupling- and Loading-Range in Bio-Implant Wireless Power Transfer. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2016, 9, 1-1.	4.0	26
67	An NMOS-LDO Regulated Switched-Capacitor DC-DC Converter With Fast-Response Adaptive-Phase Digital Control. <i>IEEE Transactions on Power Electronics</i> , 2016, 31, 1294-1303.	7.9	77
68	Fluxless packaging of an implantable medical device for transcorneal electrical stimulation. , 2015, , .		1
69	UHF energy harvesting system using reconfigurable rectifier for wireless sensor network. , 2015, , .		9
70	20.4 A 123-phase DC-DC converter-ring with fast-DVS for microprocessors. , 2015, , .		35
71	A Cascode Miller-Compensated Three-Stage Amplifier With Local Impedance Attenuation for Optimized Complex-Pole Control. <i>IEEE Journal of Solid-State Circuits</i> , 2015, 50, 440-449.	5.4	91
72	A Fully-Integrated Low-Dropout Regulator With Full-Spectrum Power Supply Rejection. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015, 62, 707-716.	5.4	152

#	ARTICLE	IF	CITATIONS
73	Power Management Analysis of Inductively-Powered Implants with 1X/2X Reconfigurable Rectifier. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 617-624.	5.4	27
74	A 13.56 MHz Wireless Power Transfer System With Reconfigurable Resonant Regulating Rectifier and Wireless Power Control for Implantable Medical Devices. IEEE Journal of Solid-State Circuits, 2015, 50, 978-989.	5.4	228
75	A 30-Gb/s 1.37-pJ/b CMOS Receiver for Optical Interconnects. Journal of Lightwave Technology, 2015, 33, 778-786.	4.6	19
76	12.8 Wireless power transfer system using primary equalizer for coupling- and load-range extension in bio-implant applications. , 2015, , .		29
77	20.5 A 2-/3-phase fully integrated switched-capacitor DC-DC converter in bulk CMOS for energy-efficient digital circuits with 14% efficiency improvement. , 2015, , .		63
78	A 12A 50V half-bridge gate driver for enhancement-mode GaN HEMTs with digital dead-time correction. , 2015, , .		19
79	On-Chip Compensated Wide Output Range Boost Converter with Fixed-Frequency Adaptive Off-Time Control for LED Driver Applications. IEEE Transactions on Power Electronics, 2015, 30, 2096-2107.	7.9	37
80	A 4&#x00B5;A quiescent current output-capacitor-free low-dropout regulator with fully differential input stage. , 2014, , .		2
81	Analysis of two-phase on-chip step-down switched capacitor power converters. , 2014, , .		3
82	Fast-transient-response high-PSR low-dropout regulator based on ultra-fast error amplifier and unity-gain buffer for portable applications. , 2014, , .		1
83	A 41-mW 30-Gb/s CMOS optical receiver with digitally-tunable cascaded equalization. , 2014, , .		12
84	Through silicon underfill dispensing for 3D die/interposer stacking. , 2014, , .		7
85	A low-dropout regulator with power supply rejection improvement by bandwidth-zero tracking. , 2014, , .		2
86	An adaptive wireless powering and data telemetry system for optic nerve stimulation. , 2014, , .		12
87	A Novel Single-Inductor Dual-Input Dual-Output DC–DC Converter With PWM Control for Solar Energy Harvesting System. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2014, 22, 1693-1704.	3.1	77
88	A 13.56 MHz CMOS Active Rectifier With Switched-Offset and Compensated Biasing for Biomedical Wireless Power Transfer Systems. IEEE Transactions on Biomedical Circuits and Systems, 2014, 8, 334-344.	4.0	209
89	Analysis and Design of Output-Capacitor-Free Low-Dropout Regulators With Low Quiescent Current and High Power Supply Rejection. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 625-636.	5.4	44
90	A 13.56MHz wireless power transfer system with reconfigurable resonant regulating rectifier and wireless power control for implantable medical devices. , 2014, , .		3

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91	A 10/30 MHz Fast Reference-Tracking Buck Converter With DDA-Based Type-III Compensator. IEEE Journal of Solid-State Circuits, 2014, 49, 2788-2799.	5.4	59
92	A 48-mW 18-Gb/s fully integrated CMOS optical receiver with photodetector and adaptive equalizer. , 2014, , .		4
93	A 3-mW 25-Gb/s CMOS transimpedance amplifier with fully integrated low-dropout regulator for 100GbE systems. , 2014, , .		12
94	A circuit-oriented geometrical approach in predicting subharmonic oscillation of dc-dc converters with voltage-mode control. , 2014, , .		8
95	4.4 A 10/30MHz Wide-duty-cycle-range buck converter with DDA-based Type-III compensator and fast reference-tracking responses for DVS applications. , 2014, , .		19
96	17.11 A 0.65ns-response-time 3.01ps FOM fully-integrated low-dropout regulator with full-spectrum power-supply-rejection for wideband communication systems. , 2014, , .		75
97	Current-mirror miller compensation: An improved frequency compensation technique for two-stage amplifiers. , 2013, , .		3
98	A 13.56MHz fully integrated 1X/2X active rectifier with compensated bias current for inductively powered devices. , 2013, , .		24
99	A \$pm\$0.5% Precision On-Chip Frequency Reference With Programmable Switch Array for Crystal-Less Applications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2013, 60, 642-646.	3.0	19
100	High-side NMOS power switch and bootstrap driver for high-frequency fully-integrated converters with enhanced efficiency. , 2013, , .		3
101	Split-output miller-compensated two-stage amplifiers. , 2013, , .		1
102	Energy Harvesting and Power Delivery for Implantable Medical Devices. Foundations and Trends in Electronic Design Automation, 2013, 7, 179-246.	1.0	16
103	Solar energy harvesting system design using re-configurable charge pump. , 2012, , .		8
104	A 10/30MHz PWM buck converter with an accuracy-improved ramp generator. , 2012, , .		2
105	Input-adaptive dual-output power management unit for energy harvesting devices. , 2012, , .		4
106	Introduction to the Special Issue on the 2012 IEEE International Solid-State Circuits Conference. IEEE Journal of Solid-State Circuits, 2012, 47, 2859-2864.	5.4	0
107	A comparative study of hysteretic voltage-mode buck converters for high switching frequency and high accuracy. , 2012, , .		3
108	A new charge pump analysis and efficiency optimization method for on-chip charge pump. , 2012, , .		1

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109	A fast-transient-response hybrid buck converter with automatic and nearly-seamless loop transition for portable applications. , 2012, , .		12
110	Continuous-time common-mode feedback detection circuits with enhanced detection accuracy. , 2012, , .		2
111	A chip-area-efficient CMOS low-dropout regulator using wide-swing voltage buffer with parabolic adaptive biasing for portable applications. , 2012, , .		7
112	An Output-Capacitor-Free Adaptively Biased Low-Dropout Regulator With Subthreshold Undershoot-Reduction for SoC. IEEE Transactions on Circuits and Systems I: Regular Papers, 2012, 59, 1119-1131.	5.4	81
113	Analysis and Design Strategy of On-Chip Charge Pumps for Micro-power Energy Harvesting Applications. International Federation for Information Processing, 2012, , 158-186.	0.4	12
114	Design and analysis of on-chip charge pumps for micro-power energy harvesting applications. , 2011, , .		20
115	An adaptively biased low-dropout regulator with transient enhancement. , 2011, , .		2
116	An output-capacitor-free adaptively biased low-dropout regulator with sub-threshold undershoot-reduction for SoC. , 2011, , .		3
117	Vibration Energy Scavenging System With Maximum Power Tracking for Micropower Applications. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2011, 19, 2109-2119.	3.1	90
118	Charge Balance Analysis and State Transition Analysis of Hysteretic Voltage Mode Switching Converters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 1142-1153.	5.4	22
119	A LOW DROPOUT REGULATOR WITH LOW QUIESCENT CURRENT AND HIGH POWER SUPPLY REJECTION OVER WIDE RANGE OF FREQUENCY FOR SOC. Journal of Circuits, Systems and Computers, 2011, 20, 1-13.	1.5	6
120	Engineering Outreach: A Successful Initiative With Gifted Students in Science and Technology in Hong Kong. IEEE Transactions on Education, 2010, 53, 158-171.	2.4	13
121	A system-on-chip EPC Gen-2 passive UHF RFID tag with embedded temperature sensor. , 2010, , .		78
122	System level power optimizations for EPC RFID tags to improve sensitivity using load power shaping and operation scheduling. , 2010, , .		2
123	Freewheel duration adjustment circuits for charge-control single-inductor dual-output switching converters. , 2010, , .		4
124	A single inductor DICO DC-DC converter for solar energy harvesting applications using band-band control. , 2010, , .		10
125	Output-Capacitor-Free Adaptively Biased Low-Dropout Regulator for System-on-Chips. IEEE Transactions on Circuits and Systems I: Regular Papers, 2010, 57, 1017-1028.	5.4	92
126	Output-capacitor-free adaptively biased low-dropout regulators. , 2010, , .		2

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127	An output-capacitor-free cascode low-dropout regulator with low quiescent current and high power supply rejection. , 2010, , .		2
128	CMOS Bandgap References With Self-Biased Symmetrically Matched Currentâ€“Voltage Mirror and Extension of Sub-1-V Design. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2010, 18, 857-865.	3.1	62
129	A System-on-Chip EPC Gen-2 Passive UHF RFID Tag With Embedded Temperature Sensor. IEEE Journal of Solid-State Circuits, 2010, , .	5.4	72
130	Maximizing the harvested energy for micro-power applications through efficient MPPT and PMU design. , 2010, , .		3
131	A 25MHz sign and magnitude converter for analog current mode iterative decoders. , 2010, , .		0
132	Digitally assisted quasi-V2 hysteretic buck converter with fixed frequency and without using large-ESR capacitor. , 2009, , .		31
133	Near-threshold startup integrated boost converter with slew rate enhanced error amplifier. , 2009, , .		11
134	Loop bandwidth extension technique for PWM voltage mode DC-DC switching converters. , 2009, , .		4
135	A high-precision low-voltage low dropout regulator for SoC with adaptive biasing. , 2009, , .		7
136	A single inductor dual input dual output DC-DC converter with hybrid supplies for solar energy harvesting applications. , 2009, , .		12
137	An inductor-less MPPT design for light energy harvesting systems. , 2009, , .		3
138	The Design of a Micro Power Management System for Applications Using Photovoltaic Cells With the Maximum Output Power Control. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2009, 17, 1138-1142.	3.1	110
139	Regulated Switched-Capacitor Doubler With Interleaving Control for Continuous Output Regulation. IEEE Journal of Solid-State Circuits, 2009, 44, 1112-1120.	5.4	35
140	A 0.9V 0.35Åm Adaptively Biased CMOS LDO Regulator with Fast Transient Response. Digest of Technical Papers - IEEE International Solid-State Circuits Conference, 2008, , .	0.0	60
141	An energy-adaptive MPPT power management unit for micro-power vibration energy harvesting. , 2008, , .		8
142	Component-Efficient Multiphase Switched-Capacitor DCâ€“DC Converter With Configurable Conversion Ratios for LCD Driver Applications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 753-757.	3.0	42
143	Ultra Fast Fixed-Frequency Hysteretic Buck Converter With Maximum Charging Current Control and Adaptive Delay Compensation for DVS Applications. IEEE Journal of Solid-State Circuits, 2008, 43, 815-822.	5.4	104
144	An SC voltage regulator with novel area-efficient continuous output regulation by dual-branch interleaving control scheme. , 2008, , .		0

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145	An integrated reconfigurable SC Power converter with hybrid gate control scheme for mobile display driver applications. , 2008, , .		3
146	Integrated single-inductor dual-input dual-output boost converter for energy harvesting applications. , 2008, , .		16
147	Threshold Voltage Start-up Boost Converter for Sub-mA Applications. , 2008, , .		13
148	A Batteryless Vibration-based Energy Harvesting System for Ultra Low Power Ubiquitous Applications. , 2007, , .		13
149	Vibration energy scavenging and management for ultra low power applications. , 2007, , .		19
150	Analysis and Design Strategy of UHF Micro-Power CMOS Rectifiers for Micro-Sensor and RFID Applications. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 153-166.	0.1	270
151	A micro power management system and maximum output power control for solar energy harvesting applications. , 2007, , .		34
152	Fast-Transient PCCM Switching Converter With Freewheel Switching Control. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2007, 54, 825-829.	2.2	49
153	An Ultra Fast Fixed Frequency Buck Converter with Maximum Charging Current Control and Adaptive Delay Compensation for DVS Applications. , 2007, , .		4
154	A stable compensation scheme for low dropout regulator in the absence of ESR. Solid-State Circuits Conference, 2008 ESSCIRC 2008 34th European, 2007, , .	0.0	9
155	An Inductor-less Micro Solar Power Management System Design for Energy Harvesting Applications. , 2007, , .		29
156	Corrections to "Analysis and Design Strategy of UHF Micro-Power CMOS Rectifiers for Micro-Sensor and RFID Applications". IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 1406-1406.	0.1	3
157	Design Strategy for Step-Up Charge Pumps With Variable Integer Conversion Ratios. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2007, 54, 417-421.	2.2	29
158	Integrated Low-Loss CMOS Active Rectifier for Wirelessly Powered Devices. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 1378-1382.	2.2	203
159	A voltage-mode PWM buck regulator with end-point prediction. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 294-298.	2.2	72
160	Adaptively-biased capacitor-less CMOS low dropout regulator with direct current feedback. , 2006, , .		21
161	A programmable integrated digital controller for switching converters with dual-band switching and complex pole-zero compensation. IEEE Journal of Solid-State Circuits, 2005, 40, 772-780.	5.4	32
162	Minimizing energy consumption of hard real-time systems with simultaneous tasks scheduling and voltage assignment using statistical data. , 2004, , .		0

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163	A Switched-Current Sensing Architecture for a Four-State per Cell Magnetic Tunnel Junction MRAM. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2004, 51, 2113-2122.	0.1	5
164	A Novel Current-Mode Sensing Scheme for Magnetic Tunnel Junction MRAM. IEEE Transactions on Magnetics, 2004, 40, 483-488.	2.1	17
165	An Integrated One-Cycle Control Buck Converter With Adaptive Output and Dual Loops for Output Error Correction. IEEE Journal of Solid-State Circuits, 2004, 39, 140-149.	5.4	75
166	An enhanced compact waffle MOSFET with low drain capacitance from a standard submicron CMOS technology. Solid-State Electronics, 2003, 47, 785-789.	1.4	6
167	Single-inductor multiple-output switching converters with time-multiplexing control in discontinuous conduction mode. IEEE Journal of Solid-State Circuits, 2003, 38, 89-100.	5.4	300
168	A 1-v 3.5-mW CMOS switched-opamp quadrature if circuitry for bluetooth receivers. IEEE Journal of Solid-State Circuits, 2003, 38, 805-816.	5.4	8
169	A pseudo-CCM/DCM SIMO switching converter with freewheel switching. IEEE Journal of Solid-State Circuits, 2003, 38, 1007-1014.	5.4	274
170	Area-efficient cmos charge pumps for lcd drivers. IEEE Journal of Solid-State Circuits, 2003, 38, 1721-1725.	5.4	79
171	A 1-V 10.7-MHz switched-opamp bandpass $\hat{f}\hat{f}$ modulator using double-sampling finite-gain-compensation technique. IEEE Journal of Solid-State Circuits, 2002, 37, 1215-1225.	5.4	49
172	A 1.0-V V/sub DD/ CMOS active-pixel sensor with complementary pixel architecture and pulsewidth modulation fabricated with a 0.25- $\hat{f}\hat{f}$ m CMOS process. IEEE Journal of Solid-State Circuits, 2002, 37, 1853-1859.	5.4	36
173	A low-voltage CMOS complementary active pixel sensor (CAPS) fabricated using a 0.25 $\hat{f}\hat{f}$ m CMOS technology. IEEE Electron Device Letters, 2002, 23, 398-400.	3.9	17
174	A 1-V CMOS switched-opamp switched-capacitor pseudo-2-path filter. IEEE Journal of Solid-State Circuits, 2001, 36, 14-22.	5.4	43
175	Realization of Compact MOSFET Structure by Waffle-Layout. , 2001, , .		2
176	Three-stage large capacitive load amplifier with damping-factor-control frequency compensation. IEEE Journal of Solid-State Circuits, 2000, 35, 221-230.	5.4	256
177	Signal flow graph analysis of feedback amplifiers. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2000, 47, 926-933.	0.1	7
178	Signal flow graph in loop gain analysis of DC-DC PWM CCM switching converters. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1998, 45, 644-655.	0.1	87
179	Analysis of subharmonic oscillation of fixed-frequency current-programming switch mode power converters. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1998, 45, 104-108.	0.1	58
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