

Wing-Hung Ki

List of Publications by Year in descending order

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225
papers

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docs citations

225
times ranked

3222
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A pseudo-CCM/DCM SIMO switching converter with freewheel switching. IEEE Journal of Solid-State Circuits, 2003, 38, 1007-1014.	5.4	274
3	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
4	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
5	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
6	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
7	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
8	A Fully-Integrated Low-Dropout Regulator With Full-Spectrum Power Supply Rejection. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 707-716.	5.4	152
9	Adaptive On/Off Delay-Compensated Active Rectifiers for Wireless Power Transfer Systems. IEEE Journal of Solid-State Circuits, 2016, 51, 712-723.	5.4	124
10	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
11	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
12	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
13	A Cascode Miller-Compensated Three-Stage Amplifier With Local Impedance Attenuation for Optimized Complex-Pole Control. IEEE Journal of Solid-State Circuits, 2015, 50, 440-449.	5.4	91
14	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
15	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
16	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
17	Area-efficient cmos charge pumps for lcd drivers. IEEE Journal of Solid-State Circuits, 2003, 38, 1721-1725.	5.4	79
18	A system-on-chip EPC Gen-2 passive UHF RFID tag with embedded temperature sensor. , 2010, , .		78

#	ARTICLE	IF	CITATIONS
19	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
20	An NMOS-LDO Regulated Switched-Capacitor DC-DC Converter With Fast-Response Adaptive-Phase Digital Control. IEEE Transactions on Power Electronics, 2016, 31, 1294-1303.	7.9	77
21	Fully Integrated Inductor-Less Flipping-Capacitor Rectifier for Piezoelectric Energy Harvesting. IEEE Journal of Solid-State Circuits, 2017, 52, 3168-3180.	5.4	77
22	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
23	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
24	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
25	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
26	Analysis and Design Considerations of Integrated 3-Level Buck Converters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 671-682.	5.4	66
27	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
28	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
29	CMOS Bandgap References With Self-Biased Symmetrically Matched Current-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
30	A 0.9V 0.35 μ m Adaptively Biased CMOS LDO Regulator with Fast Transient Response. Digest of Technical Papers - IEEE International Solid-State Circuits Conference, 2008, , .	0.0	60
31	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
32	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
33	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
34	A 1-V 10.7-MHz switched-opamp bandpass $\hat{\omega}^2$ modulator using double-sampling finite-gain-compensation technique. IEEE Journal of Solid-State Circuits, 2002, 37, 1215-1225.	5.4	49
35	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
36	Limit Cycle Oscillation Reduction for Digital Low Dropout Regulators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 903-907.	3.0	49

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37	Single-inductor multiple-output switching converters. , 0, , .		48
38	Analog VLSI implementations of auditory wavelet transforms using switched-capacitor circuits. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1994, 41, 572-583.	0.1	47
39	Characterization of Half-Select Free Write Assist 9T SRAM Cell. IEEE Transactions on Electron Devices, 2019, 66, 4745-4752.	3.0	47
40	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
41	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
42	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
43	Component-Efficient Multiphase Switched-Capacitor DC-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
44	A highly stable reliable SRAM cell design for low power applications. Microelectronics Reliability, 2020, 105, 113503.	1.7	39
45	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
46	Integrated Charge-Control Single-Inductor Dual-Output Step-Up/Step-Down Converter. , 0, , .		37
47	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
48	A 1.0-V V/sub DD/ CMOS active-pixel sensor with complementary pixel architecture and pulsewidth modulation fabricated with a 0.25-µm CMOS process. IEEE Journal of Solid-State Circuits, 2002, 37, 1853-1859.	5.4	36
49	Regulated Switched-Capacitor Doubler With Interleaving Control for Continuous Output Regulation. IEEE Journal of Solid-State Circuits, 2009, 44, 1112-1120.	5.4	35
50	20.4 A 123-phase DC-DC converter-ring with fast-DVS for microprocessors. , 2015, , .		35
51	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
52	A micro power management system and maximum output power control for solar energy harvesting applications. , 2007, , .		34
53	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
54	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

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55	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
56	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
57	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
58	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
59	Digitally assisted quasi-V2 hysteretic buck converter with fixed frequency and without using large-ESR capacitor. , 2009, , .		31
60	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
61	An Inductor-less Micro Solar Power Management System Design for Energy Harvesting Applications. , 2007, , .		29
62	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
63	12.8 Wireless power transfer system using primary equalizer for coupling- and load-range extension in bio-implant applications. , 2015, , .		29
64	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
65	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
66	Reconfigurable Resonant Regulating Rectifier With Primary Equalization for Extended Coupling- and Loading-Range in Bio-Implant Wireless Power Transfer. IEEE Transactions on Biomedical Circuits and Systems, 2016, 9, 1-1.	4.0	26
67	Damping-factor-control frequency compensation technique for low-voltage low-power large capacitive load applications. , 0, , .		25
68	Phase-controlled dimmable electronic ballast for fluorescent lamps. , 0, , .		24
69	A 13.56MHz fully integrated 1X/2X active rectifier with compensated bias current for inductively powered devices. , 2013, , .		24
70	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
71	Gate Control Strategies for High Efficiency Charge Pumps. , 0, , .		22
72	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

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73	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
74	Adaptively-biased capacitor-less CMOS low dropout regulator with direct current feedback. , 2006, , .		21
75	Re-examination of pole splitting of a generic single stage amplifier. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1997, 44, 70-74.	0.1	20
76	Design and analysis of on-chip charge pumps for micro-power energy harvesting applications. , 2011, , .		20
77	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
78	Vibration energy scavenging and management for ultra low power applications. , 2007, , .		19
79	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
80	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
81	A 30-Gb/s 1.37-pJ/b CMOS Receiver for Optical Interconnects. Journal of Lightwave Technology, 2015, 33, 778-786.	4.6	19
82	A 12A 50V half-bridge gate driver for enhancement-mode GaN HEMTs with digital dead-time correction. , 2015, , .		19
83	Reliable write assist low power SRAM cell for wireless sensor network applications. IET Circuits, Devices and Systems, 2020, 14, 137-147.	1.4	19
84	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
85	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
86	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
87	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
88	A 1.8 V single-inductor dual-output switching converter for power reduction techniques. , 0, , .		17
89	A low-voltage CMOS complementary active pixel sensor (CAPS) fabricated using a 0.25 μ m CMOS technology. IEEE Electron Device Letters, 2002, 23, 398-400.	3.9	17
90	A Novel Current-Mode Sensing Scheme for Magnetic Tunnel Junction MRAM. IEEE Transactions on Magnetics, 2004, 40, 483-488.	2.1	17

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91	A WLAN 2.4-GHz RF energy harvesting system with reconfigurable rectifier for wireless sensor network. , 2016, , .		17
92	A novel frequency compensation technique for low-voltage low-dropout regulator. , 0, , .		16
93	Integrated single-inductor dual-input dual-output boost converter for energy harvesting applications. , 2008, , .		16
94	Energy Harvesting and Power Delivery for Implantable Medical Devices. Foundations and Trends in Electronic Design Automation, 2013, 7, 179-246.	1.0	16
95	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
96	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
97	A Multiphase Switched-Capacitor Converter for Fully Integrated AMLED Microdisplay System. IEEE Transactions on Power Electronics, 2020, 35, 6001-6011.	7.9	15
98	Right-half-plane zero removal technique for low-voltage low-power nested Miller compensation CMOS amplifier. , 0, , .		14
99	Single-inductor multiple-output switching converters with bipolar outputs. , 0, , .		14
100	Design and development of memristorâ€¢based RRAM. IET Circuits, Devices and Systems, 2019, 13, 548-557.	1.4	14
101	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
102	A Batteryless Vibration-based Energy Harvesting System for Ultra Low Power Ubiquitous Applications. , 2007, , .		13
103	Threshold Voltage Start-up Boost Converter for Sub-mA Applications. , 2008, , .		13
104	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
105	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
106	Dual-loop feedback for fast low dropout regulators. , 0, , .		12
107	A single inductor dual input dual output DC-DC converter with hybrid supplies for solar energy harvesting applications. , 2009, , .		12
108	A fast-transient-response hybrid buck converter with automatic and nearly-seamless loop transition for portable applications. , 2012, , .		12

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109	A 41-mW 30-Gb/s CMOS optical receiver with digitally-tunable cascaded equalization. , 2014, , .		12
110	An adaptive wireless powering and data telemetry system for optic nerve stimulation. , 2014, , .		12
111	A 3-mW 25-Gb/s CMOS transimpedance amplifier with fully integrated low-dropout regulator for 100GbE systems. , 2014, , .		12
112	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
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	A simple method to design resonant circuits of electronic ballast for fluorescent lamps. , 0, , .		11
115	Charge Redistribution Loss Consideration in Optimal Charge Pump Design. , 0, , .		11
116	Near-threshold startup integrated boost converter with slew rate enhanced error amplifier. , 2009, , .		11
117	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
118	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
119	Ultra-low voltage power management and computation methodology for energy harvesting applications. , 0, , .		10
120	High Efficiency Cross-Coupled Doubler with No Reversion Loss. , 0, , .		10
121	A single inductor DICO DC-DC converter for solar energy harvesting applications using band-band control. , 2010, , .		10
122	Fully-integrated AMLED micro display system with a hybrid voltage regulator. , 2017, , .		10
123	Subtraction-Mode Switched-Capacitor Converters With Parasitic Loss Reduction. IEEE Transactions on Power Electronics, 2020, 35, 1200-1204.	7.9	10
124	Optimal capacitance assignment of switched-capacitor biquads. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 1995, 42, 334-342.	0.1	9
125	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
126	UHF energy harvesting system using reconfigurable rectifier for wireless sensor network. , 2015, , .		9

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127	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
128	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
129	A CAD simulator based on loop gain measurement for switching converters. , 0, , .		8
130	An energy-adaptive MPPT power management unit for micro-power vibration energy harvesting. , 2008, , .		8
131	Solar energy harvesting system design using re-configurable charge pump. , 2012, , .		8
132	A circuit-oriented geometrical approach in predicting subharmonic oscillation of dc-dc converters with voltage-mode control. , 2014, , .		8
133	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
134	Signal flow graph analysis of feedback amplifiers. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2000, 47, 926-933.	0.1	7
135	A high-precision low-voltage low dropout regulator for SoC with adaptive biasing. , 2009, , .		7
136	A chip-area-efficient CMOS low-dropout regulator using wide-swing voltage buffer with parabolic adaptive biasing for portable applications. , 2012, , .		7
137	Through silicon underfill dispensing for 3D die/interposer stacking. , 2014, , .		7
138	Optic Nerve Stimulation System with Adaptive Wireless Powering and Data Telemetry. Micromachines, 2017, 8, 368.	2.9	7
139	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
140	Analysis and measurement of DCM power factor correctors. , 0, , .		6
141	Phase-controlled dimmable CFL with PPFC and switching frequency modulation. , 0, , .		6
142	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
143	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
144	An indoor solar energy harvesting system using dual mode SIDO converter with fully digital time-based MPPT. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
145	A digitally-controlled 2-/3-phase 6-ratio switched- capacitor DC-DC converter with adaptive ripple reduction and efficiency improvements. , 2016, , .		6
146	Energy-Efficient Dual-Node-Upset-Recoverable 12T SRAM for Low-Power Aerospace Applications. IEEE Access, 2023, 11, 20184-20195.	4.2	6
147	Optimum nested Miller compensation for low-voltage low-power CMOS amplifier design. , 0, , .		5
148	Single-inductor dual-input dual-output switching converter for integrated battery charging and power regulation. , 0, , .		5
149	Integrated 0.9V charge-control switching converter with self-biased current sensor. , 0, , .		5
150	Minimizing energy consumption of multiple-processors-core systems with simultaneous task allocation, scheduling and voltage assignment. , 0, , .		5
151	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
152	IC controller for phase-controlled dimmable compact fluorescent lamps with closed-loop control. , 0, , .		4
153	A novel voltage-control scheme for low-voltage DC-DC converters with fast transient recovery. , 0, , .		4
154	Lamp modeling for design of dimmable electronic ballasts. , 0, , .		4
155	An Ultra Fast Fixed Frequency Buck Converter with Maximum Charging Current Control and Adaptive Delay Compensation for DVS Applications. , 2007, , .		4
156	Loop bandwidth extension technique for PWM voltage mode DC-DC switching converters. , 2009, , .		4
157	Freewheel duration adjustment circuits for charge-control single-inductor dual-output switching converters. , 2010, , .		4
158	Input-adaptive dual-output power management unit for energy harvesting devices. , 2012, , .		4
159	A 48-mW 18-Gb/s fully integrated CMOS optical receiver with photodetector and adaptive equalizer. , 2014, , .		4
160	Polyimide-Based Flexible 3-Coil Inductive Link Design and Optimization. , 2018, , .		4
161	A self-powered zero-quiescent-current active rectifier for piezoelectric energy harvesting. IEICE Electronics Express, 2018, 15, 20180739-20180739.	0.8	4
162	A DCM ZVS Class-D Power Amplifier for Wireless Power Transfer Applications. , 2019, , .		4

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163	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
164	Switched-capacitor power converters with integrated low dropout regulators. , 0, , .		3
165	High-isolation bonding pad with depletion-insulation structure for RF/microwave integrated circuits on bulk silicon CMOS. , 0, , .		3
166	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
167	An integrated reconfigurable SC Power converter with hybrid gate control scheme for mobile display driver applications. , 2008, , .		3
168	An inductor-less MPPT design for light energy harvesting systems. , 2009, , .		3
169	Maximizing the harvested energy for micro-power applications through efficient MPPT and PMU design. , 2010, , .		3
170	An output-capacitor-free adaptively biased low-dropout regulator with sub-threshold undershoot-reduction for SoC. , 2011, , .		3
171	A comparative study of hysteretic voltage-mode buck converters for high switching frequency and high accuracy. , 2012, , .		3
172	Current-mirror miller compensation: An improved frequency compensation technique for two-stage amplifiers. , 2013, , .		3
173	High-side NMOS power switch and bootstrap driver for high-frequency fully-integrated converters with enhanced efficiency. , 2013, , .		3
174	Analysis of two-phase on-chip step-down switched capacitor power converters. , 2014, , .		3
175	A 13.56MHz wireless power transfer system with reconfigurable resonant regulating rectifier and wireless power control for implantable medical devices. , 2014, , .		3
176	A low-power chopper bandpass amplifier for biopotential sensors. , 2016, , .		3
177	Analysis of Inductor Current for Series Resonant Tank at Different Practical Operating Conditions. , 2021, , .		3
178	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
179	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
180	Characteristics of RF power amplifiers by 0.5 μ m SOS CMOS process. , 0, , .		2

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181	Realization of Compact MOSFET Structure by Waffle-Layout. , 2001, , .		2
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