Sameer R Sonkusale

List of Publications by Year
in descending order

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177 papers	4,632 citations	101543 36 h-index	118850 62 g-index
184 all docs	184 docs citations	184 times ranked	5774 citing authors

#	Article	IF	Citations
1	Sensors for Vital Signs: ECG Monitoring Systems. , 2022, , 221-243.		3
2	Battery-Free Shape Memory Alloy Antennas for Detection and Recording of Peak Temperature Activity. Crystals, 2022, 12, 86.	2.2	8
3	Hard polymeric porous microneedles on stretchable substrate for transdermal drug delivery. Scientific Reports, 2022, 12, 1853.	3.3	24
4	Smart Threads for Tissue-Embedded Bioelectronics. , 2022, , .		1
5	Compressed Sensing. , 2022, , 155-175.		0
6	Recent progress in electrospun nanomaterials for wearables. APL Bioengineering, 2022, 6, 021505.	6.2	13
7	A 10-Bit Current Output DAC With Active Resistive Load Interpolation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1803-1806.	3.0	2
8	Opportunities for ionic liquid/ionogel gating of emerging transistor architectures. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2021, 39, .	1.2	2
9	Head motion classification using thread-based sensor and machine learning algorithm. Scientific Reports, 2021, 11, 2646.	3.3	12
10	Design and Development of a Robotic Hand with Embedded Sensors Using 3D Printing Technology. , 2021, 6, 273.		6
11	Flexible thread-based electrochemical sensors for oxygen monitoring. Analyst, The, 2021, 146, 2983-2990.	3.5	11
12	Rapid cleanroom-free fabrication of thread based transistors using three-dimensional stencil-based patterning. Flexible and Printed Electronics, 2021, 6, 015007.	2.7	3
13	A low noise current readout architecture with 160ÂdB transimpedance gain and 1.3ÂMHz bandwidth. Microelectronics Journal, 2021, 108, 104984.	2.0	5
14	Wireless Temperature Monitoring With Shape Memory Alloy-Based Antenna. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 313-316.	4.0	7
15	Thread-based wearable devices. MRS Bulletin, 2021, 46, 502-511.	3.5	16
16	High Resolution Frequency Measurement Techniques for Relaxation Oscillator Based Capacitive Sensors. IEEE Sensors Journal, 2021, 21, 13394-13404.	4.7	9
17	Thermo-Mechanically Trained Shape Memory Alloy for Temperature Recording With Visual Readout. , 2021, 5, 1-4.		9
18	Sutures for the wireless sensing of deep wounds. Nature Biomedical Engineering, 2021, 5, 1113-1114.	22.5	5

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19	Single Event Recording of Temperature and Tilt Using Liquid Metal With RFID Tags. IEEE Sensors Journal, 2020, 20, 3249-3256.	4.7	21
20	Reel-to-reel fabrication of strain sensing threads and realization of smart insole. Sensors and Actuators A: Physical, 2020, 301, 111741.	4.1	17
21	CMOS microcavity arrays for single-cell electroporation and lysis. Biosensors and Bioelectronics, 2020, 150, 111931.	10.1	9
22	Cost-Effective Wireless Sensors for Detection of Package Opening and Tampering. IEEE Access, 2020, 8, 117122-117132.	4.2	21
23	Thread-based multiplexed sensor patch for real-time sweat monitoring. Npj Flexible Electronics, 2020, 4, .	10.7	89
24	An Approach for a Wide Dynamic Range Low-Noise Current Readout Circuit. Journal of Low Power Electronics and Applications, 2020, 10, 23.	2.0	2
25	An Energy Efficient Time-Mode Analog Neural Network. , 2020, , .		0
26	On Quantized Analog Compressive Sensing Methods for Efficient Resonator Frequency Estimation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 4556-4565.	5.4	6
27	Influence of Hydrogen Bond Donor Identity and Intentional Water Addition on the Properties of Gelatin-Supported Deep Eutectic Solvent Gels. Journal of Physical Chemistry B, 2020, 124, 5986-5992.	2.6	19
28	Design and implementation of magneticallyâ€“tunable quadâ€“band filter utilizing splitâ€“ring resonators at microwave frequencies. Scientific Reports, 2020, 10, 1050.	3.3	21
29	A 3D Printed Robotic Finger with Embedded Tactile Pressure and Strain Sensor. , 2020, , .		3
30	Security Monitoring System Using Magnetically-Activated RFID Tags. , 2020, , .		9
31	Highly Flexible Transistor Threads for All-Thread Based Integrated Circuits and Multiplexed Diagnostics. ACS Applied Materials & Interfaces, 2019, 11, 31096-31104.	8.0	33
32	Ingestible Osmotic Pill for In Vivo Sampling of Gut Microbiomes. Advanced Intelligent Systems, 2019, 1, 1900053.	6.1	40
33	Ingestible Osmotic Pill for In Vivo Sampling of Gut Microbiomes. Advanced Intelligent Systems, 2019, 1, 1970052.	6.1	8
34	Metamaterial Embedded Optical Devices for Millimeter Wave and Terahertz Applications. , 2019, , .		0
35	A flow through device for simultaneous dielectrophoretic cell trapping and AC electroporation. Scientific Reports, 2019, 9, 11988.	3.3	46
36	Highly stretchable and nonvolatile gelatin-supported deep eutectic solvent gel electrolyte-based ionic skins for strain and pressure sensing. Journal of Materials Chemistry C, 2019, 7, 601-608.	5.5	140

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37	Three dimensional printing of metamaterial embedded geometrical optics (MEGO). Microsystems and Nanoengineering, 2019, 5, 16.	7.0	46
38	Colorimetric Gas Sensing Washable Threads for Smart Textiles. Scientific Reports, 2019, 9, 5607.	3.3	62
39	3D printed metamaterials for high-frequency applications. , 2019, , .		3
40	Low-cost and cleanroom-free fabrication of microneedles. Microsystems and Nanoengineering, 2018, 4, .	7.0	99
41	A three-dimensional electrochemical paper-based analytical device for low-cost diagnostics. Analyst, The, 2018, 143, 1059-1064.	3.5	31
42	All-Around Package Security Using Radio Frequency Identification Threads. , 2018, , .		12
43	An Analog Visual Saliency Processor using Time-mode Computation. , 2018, , .		0
44	Circuit implementation of fluorescence lifetime measurement using direct exponential-to-linear conversion. , 2018, , .		0
45	Wearable Flexible Touch Interface Using Smart Threads. , 2018, , .		3
46	Cost-effective Fabrication of Chitosan Microneedles for Transdermal Drug Delivery. , 2018, 2018, 5737-5740.		16
47	Washable Smart Threads for Strain Sensing Fabrics. IEEE Sensors Journal, 2018, 18, 9137-9144.	4.7	45
48	A CMOS Luminescence Intensity and Lifetime Dual Sensor Based on Multicycle Charge Modulation. IEEE Transactions on Biomedical Circuits and Systems, 2018, 12, 677-688.	4.0	4
49	Combined optical and electronic paper-nose for detection of volatile gases. Analytica Chimica Acta, 2018, 1034, 128-136.	5.4	14
50	Smart Bandage for Monitoring and Treatment of Chronic Wounds. Small, 2018, 14, e1703509.	10.0	257
51	High Dynamic Range CMOS Imager for Colorimetric Gas Sensors. , 2018, , .		0
52	A pHâ€Mediated Electronic Wound Dressing for Controlled Drug Delivery. Advanced Healthcare Materials, 2018, 7, e1800396.	7.6	69
53	A Computationally Efficient Visual Saliency Algorithm Suitable for an Analog CMOS Implementation. Neural Computation, 2018, 30, 2439-2471.	2.2	2
54	CMOS Luminescence Imager With Ambient Light Compensation and Lifetime to Frequency Conversion. IEEE Transactions on Biomedical Circuits and Systems, 2018, 12, 1038-1045.	4.0	0

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55	An improved pH mapping bandage with thread-based sensors for chronic wound monitoring. , 2018, , .		9
56	Metamaterial absorber for THz polarimetric sensing. , 2018, , .		11
57	Sensors for Vital Signs: ECG Monitoring Systems. , 2018, , 1-23.		0
58	Oxygen-Generating Photo-Cross-Linkable Hydrogels Support Cardiac Progenitor Cell Survival by Reducing Hypoxia-Induced Necrosis. ACS Biomaterials Science and Engineering, 2017, 3, 1964-1971.	5.2	82
59	CMOS sensor for dual fluorescence intensity and lifetime sensing using multicycle charge modulation. , 2017, , .		5
60	A flexible pH sensing smart bandage with wireless CMOS readout for chronic wound monitoring. , 2017, , .		12
61	A Textile Dressing for Temporal and Dosage Controlled Drug Delivery. Advanced Functional Materials, 2017, 27, 1702399.	14.9	187
62	Washable thread based strain sensor for smart textile. , 2017, , .		13
63	Disposable colorimetric geometric barcode sensor for food quality monitoring. , 2017, , .		12
64	Low cost smart phone diagnostics for food using paper-based colorimetric sensor arrays. Food Control, 2017, 82, 227-232.	5.5	101
65	Low-cost metamaterial-on-paper chemical sensor. , 2017, , .		6
66	Smart bandages for chronic wound monitoring and on-demand drug delivery. , 2017, , .		4
67	CMOS fluorescence lifetime to frequency converter with background calibration. , 2017, , .		1
68	CMOS luminescence lifetime sensor for white LED multi-spectral characterization. , 2017, , .		3
69	pH sensing threads with CMOS readout for Smart Bandages. , 2017, , .		14
70	Low-cost metamaterial-on-paper chemical sensor. Optics Express, 2017, 25, 16092.	3.4	41
71	High-Speed Terahertz Modulation Using Active Metamaterial. , 2017, , 67-82.		0
72	Flexible 3D Graphene Transistors with Ionogel Dielectric for Lowâ€Voltage Operation and High Current Carrying Capacity. Advanced Electronic Materials, 2016, 2, 1500355.	5.1	17

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73	A low-voltage high-speed terahertz spatial light modulator using active metamaterial. APL Photonics, 2016, 1, .	5.7	40
74	A Flexible Gastric Gas Sensor Based on Functionalized Optical Fiber. IEEE Sensors Journal, 2016, 16, 5243-5248.	4.7	7
75	Hydrophobic Hydrogels: Toward Construction of Floating (Bio)microdevices. Chemistry of Materials, 2016, 28, 3641-3648.	6.7	49
76	Wireless multi-level terahertz amplitude modulator using active metamaterial-based spatial light modulation. Optics Express, 2016, 24, 14618.	3.4	21
77	Dermal Patch with Integrated Flexible Heater for on Demand Drug Delivery. Advanced Healthcare Materials, 2016, 5, 175-184.	7.6	109
78	pHâ€Sensing Hydrogel Fibers: Flexible pHâ€Sensing Hydrogel Fibers for Epidermal Applications (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	7.6	4
79	Three dimensional graphene transistor for ultra-sensitive pH sensing directly in biological media. Analytica Chimica Acta, 2016, 934, 212-217.	5.4	14
80	Origami microfluidic paper-analytical-devices (omPAD) for sensing and diagnostics. , 2016, 2016, 307-310.		7
81	A toolkit of thread-based microfluidics, sensors, and electronics for 3D tissue embedding for medical diagnostics. Microsystems and Nanoengineering, 2016, 2, 16039.	7.0	162
82	Precise time mode multiplier using digital primitives and passive components. , 2016, , .		1
83	Flexible pHâ€Sensing Hydrogel Fibers for Epidermal Applications. Advanced Healthcare Materials, 2016, 5, 711-719.	7.6	172
84	Dielectrophoretic lab-on-CMOS platform for trapping and manipulation of cells. Biomedical Microdevices, 2016, 18, 6.	2.8	13
85	Low cost spectrometer accessory for cell phone based optical sensor. , 2015, , .		1
86	CMOS dielectrophoretic Lab-on-Chip platform for manipulation and monitoring of cells. , 2015, 2015, 7530-3.		2
87	Design of electrodes and circuits for cell trapping on CMOS. , 2015, , .		0
88	Smart flexible wound dressing with wireless drug delivery. , 2015, , .		11
89	Wireless Flexible Smart Bandage for Continuous Monitoring of Wound Oxygenation. IEEE Transactions on Biomedical Circuits and Systems, 2015, 9, 670-677.	4.0	83
90	A high-density nanowire electrode on paper for biomedical applications. RSC Advances, 2015, 5, 8680-8687.	3.6	35

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91	Gas Analysis System on Chip With Integrated Diverse Nanomaterial Sensor Array. IEEE Sensors Journal, 2015, 15, 3500-3506.	4.7	11
92	Terahertz metamaterials for modulation and detection. , 2015, , .		0
93	Broadband wireless radio frequency power telemetry using a metamaterial resonator embedded with non-foster impedance circuitry. Applied Physics Letters, 2015, 106, .	3.3	7
94	A Time-Mode Translinear Principle for Nonlinear Analog Computation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 2187-2195.	5.4	12
95	Microfluidic optoelectronic sensor for salivary diagnostics of stomach cancer. Biosensors and Bioelectronics, 2015, 67, 465-471.	10.1	56
96	Paper based platform for colorimetric sensing of dissolved NH3 and CO2. Biosensors and Bioelectronics, 2015, 67, 477-484.	10.1	54
97	A 0.25-V 28-nW 58-dB Dynamic Range Asynchronous Delta Sigma Modulator in 130-nm Digital CMOS Process. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2015, 23, 926-934.	3.1	20
98	High-Throughput Heterogeneous Integration of Diverse Nanomaterials on a Single Chip for Sensing Applications. PLoS ONE, 2014, 9, e111377.	2.5	10
99	Wireless flexible smart bandage for continuous monitoring of wound oxygenation. , 2014, , .		9
100	Low-cost paper-based electrochemical sensors with CMOS readout IC. , 2014, , .		13
101	Microfluidic optoelectronic sensor based on a composite halochromic material for dissolved carbon dioxide detection. Sensors and Actuators B: Chemical, 2014, 194, 404-409.	7.8	17
102	All electronic approach for high-throughput cell trapping and lysis with electrical impedance monitoring. Biosensors and Bioelectronics, 2014, 54, 462-467.	10.1	35
103	A 60-dB Gain OTA Operating at 0.25-V Power Supply in 130-nm Digital CMOS Process. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 1609-1617.	5.4	154
104	Flexible and transparent gastric battery: Energy harvesting from gastric acid for endoscopy application. Biosensors and Bioelectronics, 2014, 54, 292-296.	10.1	45
105	Heterogeneous metal-oxide nanowire micro-sensor array for gas sensing. Materials Research Express, 2014, 1, 025002.	1.6	11
106	Biodegradable Nanofibrous Polymeric Substrates for Generating Elastic and Flexible Electronics. Advanced Materials, 2014, 26, 5823-5830.	21.0	117
107	Dissolved ammonia sensing in complex mixtures using metalloporphyrin-based optoelectronic sensor and spectroscopic detection. Sensors and Actuators B: Chemical, 2014, 202, 976-983.	7.8	34
108	A time-mode translinear principle for implementing analog multiplication. , 2014, , .		5

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109	Liquid gated three dimensional graphene network transistor. Carbon, 2014, 79, 572-577.	10.3	17
110	Utilization of graphene electrode in transparent microwell arrays for high throughput cell trapping and lysis. Biosensors and Bioelectronics, 2014, 61, 625-630.	10.1	29
111	Metamaterials for Remote Generation of Spatially Controllable Two Dimensional Array of Microplasma. Scientific Reports, 2014, 4, 5964.	3.3	43
112	Microwave diode switchable metamaterial reflector/absorber. Applied Physics Letters, 2013, 103, .	3.3	134
113	SWNT Based Nanosensors for Wireless Detection of Explosives and Chemical Warfare Agents. IEEE Sensors Journal, 2013, 13, 202-210.	4.7	29
114	Compressed sensing of EEG using a random sampling ADC in 90nm CMOS. , 2013, , .		0
115	Experimental results on wideband spectrum sensing using random sampling ADC in 90nm CMOS. , 2013, , .		0
116	A Compressed Sensing Analog-to-Information Converter With Edge-Triggered SAR ADC Core. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 1135-1148.	5.4	44
117	Paper-based super-capacitor using micro and nano particle deposition for paper-based diagnostics. , 2013, , .		4
118	A CMOS platform for the integration of heterogeneous arrays of carbon nanotubes and graphene chemiresistors. , 2013, , .		0
119	Low-Voltage Switchable Microplasma Arrays Generated Using Microwave Resonators. IEEE Electron Device Letters, 2013, 34, 804-806.	3.9	8
120	Kelvin probe microscopy and electronic transport measurements in reduced graphene oxide chemical sensors. Nanotechnology, 2013, 24, 245502.	2.6	37
121	Electronic Transport and Doping Effects in Reduced Graphene Oxide Measured by Scanning Probe Microscopy. Materials Research Society Symposia Proceedings, 2013, 1505, 1.	0.1	1
122	Interferometric direction finding with a metamaterial detector. Applied Physics Letters, 2013, 103, .	3.3	15
123	BROADBAND MILLIMETERWAVE METAMATERIAL ABSORBER BASED ON EMBEDDING OF DUAL RESONATORS. Progress in Electromagnetics Research, 2013, 142, 625-638.	4.4	38
124	IN-SITU LARGE AREA FABRICATION OF METAMATERIALS ON ARBITRARY SUBSTRATES USING PAINT PROCESS. Progress in Electromagnetics Research, 2013, 141, 117-133.	4.4	1
125	Robust error correction in infofuses. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 361-377.	2.1	0
126	Loss compensation in Metamaterials through embedding of active transistor based negative differential resistance circuits. Optics Express, 2012, 20, 22406.	3.4	23

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127	A 22-bit 110ps time-interpolated Time-to-Digital Converter. , 2012, , .		3
128	A Compressed sensing analog-to-information converter with edge-triggered SAR ADC Core. , 2012, , .		9
129	A 65 nm CMOS Digital Phase Imager for Time-Resolved Fluorescence Imaging. IEEE Journal of Solid-State Circuits, 2012, 47, 1731-1742.	5.4	22
130	Paint-on metamaterial: Low cost fabrication of absorbers at X band frequencies. , 2012, , .		0
131	CMOS Fluorometer for Oxygen Sensing. IEEE Sensors Journal, 2012, 12, 2506-2507.	4.7	0
132	A new GaN HEMT nonlinear model for evaluation and design of 1–2 watt power amplifiers. , 2012, , .		2
133	Experimental Realization of a Metamaterial Detector Focal Plane Array. Physical Review Letters, 2012, 109, 177401.	7.8	72
134	0.5 ÂµW Sub-Threshold Operational Transconductance Amplifiers Using 0.15 Âµm Fully Depleted Silicon-on-Insulator (FDSOI) Process. Journal of Low Power Electronics and Applications, 2012, 2, 155-167.	2.0	2
135	Electronic nose based on graphene, nanotube and nanowire chemiresistor arrays on silicon. , 2011, , .		7
136	Low Power Asynchronous Data Acquisition Front End for Wireless Body Sensor Area Network. , 2011, , .		5
137	Metal-oxide coaxial nanowire photovoltaic cells. , 2011, , .		0
138	Single and dual band 77/95/110â€‰GHz metamaterial absorbers on flexible polyimide substrate. Applied Physics Letters, 2011, 99, .	3.3	114
139	Multiplexed sensing based on Brownian relaxation of magnetic nanoparticles using a compact AC susceptometer. Nanotechnology, 2011, 22, 085501.	2.6	18
140	An Adaptive Resolution Asynchronous ADC Architecture for Data Compression in Energy Constrained Sensing Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 921-934.	5.4	121
141	High speed terahertz modulation from metamaterials with embedded high electron mobility transistors. Optics Express, 2011, 19, 9968.	3.4	194
142	Input-Feature Correlated Asynchronous Analog to Information Converter for ECG Monitoring. IEEE Transactions on Biomedical Circuits and Systems, 2011, 5, 459-467.	4.0	43
143	Ultra low power PVT independent sub-threshold gm-C filters for low frequency biomedical applications. Analog Integrated Circuits and Signal Processing, 2011, 66, 285-291.	1.4	8
144	Heterogeneous integration of carbon nanotubes and graphene microassemblies for environmental and breath sensing. , 2011, , .		1

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145	A CMOS imager with digital phase readout for fluorescence lifetime imaging. , 2011, , .		11
146	A single chip fluorometer for fluorescence lifetime spectroscopy in 65nm CMOS. , 2011, , .		0
147	Calibration of Delta-Sigma Data Converters in Synchronous Demodulation Sensing Applications. IEEE Sensors Journal, 2010, 11, 16-22.	4.7	5
148	A low-power asynchronous ECG acquisition system in CMOS technology. , 2010, 2010, 5262-5.		6
149	CMOS VLSI Potentiostat for Portable Environmental Sensing Applications. IEEE Sensors Journal, 2010, 10, 820-821.	4.7	32
150	Embedded HEMT/metamaterial composite devices for active terahertz modulation. , 2010, , .		5
151	Carbon nanotube and graphene based gas micro-sensors fabricated by dielectrophoresis on silicon. , 2010, , .		8
152	Bandwidth tunable amplifier for recording biopotential signals. , 2010, 2010, 662-5.		3
153	DNA-decorated carbon-nanotube-based chemical sensors on complementary metal oxide semiconductor circuitry. Nanotechnology, 2010, 21, 095504.	2.6	26
154	A miniaturized AC magnetic susceptometer for detecting biomolecules tagged to magnetic nanoparticles. , 2009, , .		3
155	CMOS Microelectrode Array for Electrochemical Lab-on-a-Chip Applications. IEEE Sensors Journal, 2009, 9, 609-615.	4.7	58
156	A 0.5ÂV bulk-input OTA with improved common-mode feedback for low-frequency filtering applications. Analog Integrated Circuits and Signal Processing, 2009, 59, 83-89.	1.4	31
157	Design, Implementation, and Field Testing of a Portable Fluorescence-Based Vapor Sensor. Analytical Chemistry, 2009, 81, 5281-5290.	6.5	24
158	An Area-Efficient and Low-Power Logarithmic A/D Converter for Current-Mode Sensor Array. IEEE Sensors Journal, 2009, 9, 2042-2043.	4.7	8
159	Fully Digital BPSK Demodulator and Multilevel LSK Back Telemetry for Biomedical Implant Transceivers. IEEE Transactions on Circuits and Systems II: Express Briefs, 2009, 56, 714-718.	3.0	35
160	The heterogeneous integration of single-walled carbon nanotubes onto complementary metal oxide semiconductor circuitry for sensing applications. Nanotechnology, 2009, 20, 225302.	2.6	20
161	Biomedical implant transceiver with novel multi level LSK back telemetry and fully digital BPSK demodulation. , 2009, , .		1
162	A High Dynamic Range CMOS Image Sensor for Scientific Imaging Applications. IEEE Sensors Journal, 2009, 9, 1209-1218.	4.7	23

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163	A PVT independent subthreshold constant-Gm stage for very low frequency applications. , 2008, , .		3
164	Fundamental performance limits and scaling of a CMOS passive double-balanced mixer. , 2008, , .		17
165	Modeling, simulation and implementation of a passive mixer in 130nm CMOS technology and scaling issues for future technologies. , 2008, , .		4
166	A Novel BPSK Demodulator for Biological Implants. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 1478-1484.	5.4	47
167	Integration of Single-Walled Carbon Nanotubes on to CMOS Circuitry with Parylene-C Encapsulation. , 2008, , .		2
168	A 700Mbit/s CMOS capacitive feedback front-end amplifier with automatic gain control for broadband optical wireless links. , 2008, , .		5
169	Current-mode readout cicuits with pixel-level logarithmic ADC for IR FPA applications. , 2008, , .		2
170	A complete data and power telemetry system utilizing BPSK and LSK signaling for biomedical implants. , 2008, 2008, 3216-9.		18
171	A CMOS integrated thermal sensor based on Single-Walled Carbon Nanotubes. , 2008, , .		5
172	A Novel Low Power BPSK Demodulator. , 2007, , .		4
173	On the Design of Low-Power Front-End Receiver Circuits for Broadband Optical Free-Space Links. , 2007, , .		1
174	A Wireless Data and Power Telemetry System Using Novel BPSK Demodulator for Non-Destructive Evaluation of Structures. , 2007, , .		6
175	A 0.5V Bulk-Input Operational Transconductance Amplifier with Improved Common-Mode Feedback. , 2007, , .		15
176	A Multipass Spatial and Temporal Image Filtering APS CMOS Image Sensor. Midwest Symposium on Circuits and Systems, 2006, , .	1.0	0
177	True background calibration technique for pipelined ADC. Electronics Letters, 2000, 36, 786.	1.0	16