

Baker S Mohammad

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

179
papers

1,407
citations

19
h-index

30
g-index

215
ext. papers

1,919
ext. citations

2.6
avg, IF

5.14
L-index

#	Paper	IF	Citations
179	A Low-Cost, Nanowatt, Millimeter-Scale Memristive-Vacuum Sensor. <i>IEEE Sensors Journal</i> , 2022 , 1-1	4	
178	MemChar: Portable Low-Power and Low-Cost Characterization Tool for Memristor Devices. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022 , 1-1	5.2	0
177	Temperature dependence of capacitance-voltage characteristics of germanium telluride thin films. <i>Journal of Materials Research and Technology</i> , 2022 , 18, 2631-2640	5.5	0
176	Deep Neural Networks Based Weight Approximation and Computation Reuse for 2-D Image Classification. <i>IEEE Access</i> , 2022 , 1-1	3.5	
175	An Efficient In-Memory Computing Architecture for Image Enhancement in AI Applications. <i>IEEE Access</i> , 2022 , 10, 48229-48241	3.5	1
174	Switched Inductor DCDC Boost Regulator Using Voltage-to-Time Controller for TEG Applications. <i>Energies</i> , 2022 , 15, 3330	3.1	1
173	Tunable Switching Behavior of GO-Based Memristors Using Thermal Reduction. <i>Nanomaterials</i> , 2022 , 12, 1812	5.4	1
172	C3PU: Cross-Coupling Capacitor Processing Unit Using Analog-Mixed Signal for AI Inference. <i>IEEE Access</i> , 2021 , 9, 167353-167363	3.5	1
171	RRAM-based CAM combined with time-domain circuits for hyperdimensional computing. <i>Scientific Reports</i> , 2021 , 11, 19848	4.9	2
170	Effect of the Compliance Current on the Retention Time of Cu/HfO ₂ -Based Memristive Devices. <i>Journal of Electronic Materials</i> , 2021 , 50, 4397-4406	1.9	4
169	A 1:4 Active Power Divider for 5G Phased-Array Transmitters in 22nm CMOS FDSOI 2021 ,		1
168	SLID: Exploiting Spatial Locality in Input Data as a Computational Reuse Method for Efficient CNN. <i>IEEE Access</i> , 2021 , 1-1	3.5	1
167	Single wall carbon nanotube based optical rectenna.. <i>RSC Advances</i> , 2021 , 11, 24116-24124	3.7	4
166	Hyper-Dimensional Computing Challenges and Opportunities for AI Applications. <i>IEEE Access</i> , 2021 , 1-1	3.5	3
165	DS2B: Dynamic and Secure Substitution Box for Efficient Speech Encryption Engine. <i>IEEE Access</i> , 2021 , 9, 93902-93915	3.5	
164	SecureMem: efficient flexible Pt/GO/Cu memristor for true random number generation. <i>Flexible and Printed Electronics</i> , 2021 , 6, 035004	3.1	2
163	Impact of vacuum on the resistive switching in HfO ₂ -based conductive-bridge RAM with highly-doped silicon bottom electrode. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021 , 271, 115267	3.1	3

162	Effect of Vacuum Annealing on Structural and Electrical Properties of Germanium Telluride Thin Films. <i>Materials Research Bulletin</i> , 2021 , 111575	5.1	1
161	Planar analog memimpedance behavior in reduced GO-Based Metal-Semiconductor-Metal. <i>Materials and Design</i> , 2021 , 210, 110077	8.1	3
160	GNN-RE: Graph Neural Networks for Reverse Engineering of Gate-Level Netlists. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2021 , 1-1	2.5	2
159	. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 2508-2523	8	8
158	Design Exploration of ReRAM-Based Crossbar for AI Inference. <i>IEEE Access</i> , 2021 , 9, 70430-70442	3.5	0
157	Nanojunction Material Effect on the Photoelectric Response of Single-Wall Carbon Nanotube Rectennas.. <i>ACS Omega</i> , 2021 , 6, 35692-35698	3.9	2
156	NeuroMem: Analog Graphene-Based Resistive Memory for Artificial Neural Networks. <i>Scientific Reports</i> , 2020 , 10, 9473	4.9	19
155	Human Vital Signs Detection Methods and Potential Using Radars: A Review. <i>Sensors</i> , 2020 , 20,	3.8	30
154	Computational Power Evaluation for Energy-Constrained Wireless Communications Systems. <i>IEEE Open Journal of the Communications Society</i> , 2020 , 1, 308-319	6.7	9
153	RRAM Crossbar-Based In-Memory Computation of Anisotropic Filters for Image Preprocessingloa. <i>IEEE Access</i> , 2020 , 8, 127569-127580	3.5	3
152	FPGA-Based Memristor Emulator Circuit for Binary Convolutional Neural Networks. <i>IEEE Access</i> , 2020 , 8, 117736-117745	3.5	0
151	Enhanced FPGA realization of the fractional-order derivative and application to a variable-order chaotic system. <i>Nonlinear Dynamics</i> , 2020 , 99, 3143-3154	5	9
150	On-chip tunable Memristor-based flash-ADC converter for artificial intelligence applications. <i>IET Circuits, Devices and Systems</i> , 2020 , 14, 107-114	1.1	10
149	Micro-Pattern of Graphene Oxide Films Using Metal Bonding. <i>Micromachines</i> , 2020 , 11,	3.3	3
148	TEG-Based Power Management Designs and Characterizations. <i>Analog Circuits and Signal Processing Series</i> , 2020 , 31-46	0.2	
147	Introduction to TEG-Based Power Management Unit. <i>Analog Circuits and Signal Processing Series</i> , 2020 , 15-29	0.2	0
146	A 28-GHz Cascode Inverse Class-D Power Amplifier Utilizing Pulse Injection in 22-nm FDSOI. <i>IEEE Access</i> , 2020 , 8, 97353-97360	3.5	1
145	Dual-Outputs Switched Capacitor Voltage Regulator. <i>Analog Circuits and Signal Processing Series</i> , 2020 , 47-71	0.2	

144	Introduction to Power Management. <i>Analog Circuits and Signal Processing Series</i> , 2020 , 1-13	0.2	
143	Silver/(sub-10 nm)hafnium-oxide-based resistive switching devices on silicon: characteristics and switching mechanism. <i>Nanotechnology</i> , 2020 , 31, 165202	3.4	7
142	ASIC Implementation of a Pre-Trained Neural Network for ECG Feature Extraction 2020 ,		1
141	Effects of top electrode material in hafnium-oxide-based memristive systems on highly-doped Si. <i>Scientific Reports</i> , 2020 , 10, 19541	4.9	6
140	Integrated graphene oxide resistive element in tunable RF filters. <i>Scientific Reports</i> , 2020 , 10, 13128	4.9	4
139	Analysis and characterization of leakage reduction methodologies for stacking, body biasing and DLS in 65 nm CMOS technology. <i>Analog Integrated Circuits and Signal Processing</i> , 2020 , 102, 1-8	1.2	2
138	Functional Reverse Engineering on SAT-Attack Resilient Logic Locking 2019 ,		9
137	A 230 mW built-in on-chip auto-calibrating RF amplitude detector in 65 nm CMOS. <i>Analog Integrated Circuits and Signal Processing</i> , 2019 , 101, 175-185	1.2	
136	. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2019 , 1-1	4.1	7
135	Editorial TVLSI PositioningContinuing and Accelerating an Upward Trajectory. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2019 , 27, 253-280	2.6	4
134	ScanSAT 2019 ,		16
133	A novel algorithm for the prediction and detection of ventricular arrhythmia. <i>Analog Integrated Circuits and Signal Processing</i> , 2019 , 99, 413-426	1.2	2
132	MOMSense: Metal-Oxide-Metal Elementary Glucose Sensor. <i>Scientific Reports</i> , 2019 , 9, 5524	4.9	22
131	ReRAM-Based In-Memory Computing for Search Engine and Neural Network Applications. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2019 , 9, 388-397	5.2	15
130	A Gain-Controlled, Low-Leakage Dickson Charge Pump for Energy-Harvesting Applications. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2019 , 27, 1114-1123	2.6	16
129	A novel SIFT architecture and ASIC implementation for real time SOC application. <i>Analog Integrated Circuits and Signal Processing</i> , 2019 , 99, 325-338	1.2	2
128	Bipolar Cu/HfO ₂ /p Si Memristors by Sol-Gel Spin Coating Method and Their Application to Environmental Sensing. <i>Scientific Reports</i> , 2019 , 9, 9983	4.9	26
127	Cascaded power management unit characterization for TEG-based IoT devices in 65 nm CMOS. <i>Microelectronics Journal</i> , 2019 , 90, 285-296	1.8	4

126	Embedded memory options for ultra-low power IoT devices. <i>Microelectronics Journal</i> , 2019 , 93, 104634	1.8	6
125	Ultra-Low Power CAN Detection and VA Prediction. <i>Analog Circuits and Signal Processing Series</i> , 2019 , 59-83	0.2	
124	Self-Powered SoC Platform for Wearable Health Care 2019 , 307-325		
123	A Low-Power, High-Resolution ZCS Control for Inductor-Based Converters 2019 , 263-275		
122	High-Density ReRAM Crossbar with Selector Device for Sneak Path Reduction 2019 ,		2
121	Digital Emulation of a Versatile Memristor With Speech Encryption Application. <i>IEEE Access</i> , 2019 , 7, 174280-174297	3.5	4
120	Reconfigurable, Switched-Capacitor Power Converter for IoT 2019 , 277-290		
119	IoT for Healthcare. <i>Analog Circuits and Signal Processing Series</i> , 2019 , 7-12	0.2	4
118	ACLT-Based QRS Detection and ECG Compression Architecture. <i>Analog Circuits and Signal Processing Series</i> , 2019 , 39-57	0.2	
117	MSER-in-Chip: An Efficient Vision Tool for IoT Devices 2019 , 245-259		
116	Ultra-Low-Power ECG Processor for IoT SOCs 2019 , 141-152		
115	Introduction to Ultra-Low Power ECG Processor. <i>Analog Circuits and Signal Processing Series</i> , 2019 , 1-6	0.2	
114	Background on ECG Processing. <i>Analog Circuits and Signal Processing Series</i> , 2019 , 13-26	0.2	1
113	Combined CLT and DWT-Based ECG Feature Extractor. <i>Analog Circuits and Signal Processing Series</i> , 2019 , 27-38	0.2	
112	Ultra-Low Power QRS Detection and ECG Compression Architecture for IoT Healthcare Devices. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 669-679	3.9	43
111	MemSens: Memristor-Based Radiation Sensor. <i>IEEE Sensors Journal</i> , 2018 , 18, 3198-3205	4	28
110	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 2617-2630	3.9	10
109	Stateful Memristor-Based Search Architecture. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2018 , 26, 2773-2780	2.6	11

108	A Nano-Watt ECG Feature Extraction Engine in 65-nm Technology. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 1099-1103	3.5	9
107	Synthesis and Characterization of Wire-Based NbO Memristive Junctions. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 65-74	0.2	
106	Memristor Technology: Synthesis and Modeling for Sensing and Security Applications. <i>Analog Circuits and Signal Processing Series</i> , 2018 ,	0.2	10
105	Synthesis and Characterization of Micro-Thick TiO ₂ and HfO ₂ Memristors. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 31-51	0.2	1
104	Memristor Device Modeling. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 93-104	0.2	1
103	Memristor Device Overview. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 1-29	0.2	2
102	Synthesis and Characterization of Nano-Thick HfO ₂ Memristive Crossbar. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 53-64	0.2	1
101	Switching characteristics of microscale unipolar Pd/Hf/HfO ₂ /Pd memristors. <i>Microelectronic Engineering</i> , 2018 , 185-186, 35-42	2.5	9
100	Novel Electronics for Flexible and Neuromorphic Computing. <i>Advanced Functional Materials</i> , 2018 , 28, 1801690	15.6	74
99	A Nanowatt Real-Time Cardiac Autonomic Neuropathy Detector. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2018 , 12, 739-750	5.1	10
98	A Charge Pump Based Power Management Unit With 66%-Efficiency in 65 nm CMOS 2018 ,		7
97	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 4007-4016	3.9	11
96	Memristor-Based Hardware Accelerator for Image Compression. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2018 , 26, 2749-2758	2.6	16
95	Energy Combiner and Power Manager for Multi-Source Energy Harvesting. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 81-89	0.2	
94	Energy Harvesting Sources, Models, and Circuits. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 7-35	0.2	1
93	Polarity Mechanism for Thermoelectric Harvester. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 61-79.	0.2	
92	Zero Crossing Switching Control for L-Based DCDC Converters. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 47-60	0.2	
91	Memristor Device for Security and Radiation Applications. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 75-92	0.2	1

90	System Design and Development. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 23-38	0.2	
89	Performance and Results. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 51-64	0.2	
88	Hardware Design and Implementation. <i>Analog Circuits and Signal Processing Series</i> , 2018 , 39-49	0.2	
87	Self-powered SoC Platform for Analysis and Prediction of Cardiac Arrhythmias. <i>Analog Circuits and Signal Processing Series</i> , 2018 ,	0.2	1
86	An Efficient and Small Area Multioutput Switched Capacitor Buck Converter for IoTs 2018 ,		2
85	An Efficient Zero Current Switching Control for L-Based DCDC Converters in TEG Applications. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 294-298	3.5	19
84	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 705-716	3.9	18
83	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 2624-2637	3.9	40
82	Assessment of seven reconstruction methods for contemporary compressive sensing 2017 ,		2
81	Low-power content addressable memory (CAM) array for mobile devices. <i>Microelectronics Journal</i> , 2017 , 67, 10-18	1.8	7
80	An Efficient Heterogeneous Memristive xor for In-Memory Computing. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 2427-2437	3.9	26
79	Novel hafnium oxide memristor device: Switching behaviour and size effect 2017 ,		2
78	Characterization of RF energy harvesting at 2.4 GHz 2017 ,		1
77	Low-Power ECG-Based Processor for Predicting Ventricular Arrhythmia. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2016 , 24, 1962-1974	2.6	68
76	Modeling and Optimization of Memristor and STT-RAM-Based Memory for Low-Power Applications. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2016 , 24, 1003-1014	2.6	30
75	Subthreshold Continuum Conductance Change in NbO Pt Memristor Interfaces. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 18971-18976	3.8	10
74	An Efficient Switched-Capacitor DC-DC Buck Converter for Self-Powered Wearable Electronics. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2016 , 63, 1557-1566	3.9	38
73	2016 ,		1

72	Modeling Valance Change Memristor Device: Oxide Thickness, Material Type, and Temperature Effects. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2016 , 63, 2139-2148	3.9	20
71	A biomedical SoC architecture for predicting ventricular arrhythmia 2016 ,		1
70	Novel secret key generation techniques using memristor devices. <i>AIP Advances</i> , 2016 , 6, 025107	1.5	10
69	State of the art of metal oxide memristor devices. <i>Nanotechnology Reviews</i> , 2016 , 5,	6.3	73
68	An ACDC converter for human body-based vibration energy harvesting. <i>Microelectronics Journal</i> , 2016 , 55, 1-7	1.8	7
67	Resistive switching in sol-gel derived microscale memristors 2016 ,		5
66	Novel logarithmic ECG feature extraction algorithm based on pan and tompkins 2016 ,		3
65	An 83% efficiency, 0.6V to 1V output switched-capacitor DC-DC converter for micro-watt power applications 2016 ,		1
64	Novel microscale memristor with uniqueness property for securing communications 2016 ,		5
63	Power management unit for multi-source energy harvesting in wearable electronics 2016 ,		15
62	Sol-gel/drop-coated micro-thick TiO ₂ memristors for Ray sensing. <i>Materials Chemistry and Physics</i> , 2016 , 184, 72-81	4.4	25
61	An efficient thermal energy harvesting and power management for μWatt wearable BioChips 2016 ,		3
60	Combination of PVA with Graphene to Improve the Seebeck Coefficient for Thermoelectric Generator Applications. <i>Journal of Electronic Materials</i> , 2015 , 44, 420-424	1.9	15
59	Design Methodologies for Yield Enhancement and Power Efficiency in SRAM-Based SoCs. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2015 , 23, 2054-2064	2.6	5
58	Memory impact on the lifetime of a Wireless Sensor Node using a Semi-Markov model 2015 ,		4
57	A 65-nm low power ECG feature extraction system 2015 ,		3
56	Adaptive ECG interval extraction 2015 ,		6
55	Characterization of a Graphene-Based Thermoelectric Generator Using a Cost-Effective Fabrication Process. <i>Energy Procedia</i> , 2015 , 75, 615-620	2.3	12

54	An all-digital, CMOS zero current switching circuit for thermal energy harvesting 2015 ,		4
53	A 28 nm DSP Powered by an On-Chip LDO for High-Performance and Energy-Efficient Mobile Applications. <i>IEEE Journal of Solid-State Circuits</i> , 2015 , 50, 81-91	5.5	15
52	Embedded Memory Interface Logic and Interconnect Testing. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2015 , 23, 1946-1950	2.6	5
51	Evolutionary QR-Based Traffic Sign Recognition System for Next-Generation Intelligent Vehicles 2015 ,		2
50	A simple hybrid 3-level buck-boost DC-DC converter with efficient PWM regulation scheme 2015 ,		2
49	A maximally stable extremal regions system-on-chip for real-time visual surveillance 2015 ,		13
48	Novel fast and scalable parallel union-find ASIC implementation for real-time digital image segmentation 2015 ,		6
47	. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2014 , 4, 354-363	5.2	92
46	65-nm ASIC implementation of QRS detector based on Pan and Tompkins algorithm 2014 ,		4
45	Adaptive technique for P and T wave delineation in electrocardiogram signals. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 90-3	0.9	13
44	Modeling and device parameter design to improve reset time in binary-oxide memristors. <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 117, 1019-1023	2.6	6
43	Embedded Memory Design for Multi-Core and Systems on Chip. <i>Analog Circuits and Signal Processing Series</i> , 2014 ,	0.2	8
42	Switched capacitor DC-DC converter for ultra-low power applications 2014 ,		5
41	Effect of device, size, activation energy, temperature, and frequency on memristor switching time 2014 ,		9
40	LDO regulator versus switched inductor DC-DC converter 2014 ,		4
39	Power and Yield for SRAM Memory. <i>Analog Circuits and Signal Processing Series</i> , 2014 , 53-59	0.2	
38	Cache Architecture and Main Blocks. <i>Analog Circuits and Signal Processing Series</i> , 2014 , 13-28	0.2	
37	Leakage Reduction. <i>Analog Circuits and Signal Processing Series</i> , 2014 , 61-68	0.2	

36	SRAM-Based Memory Operation and Yield. <i>Analog Circuits and Signal Processing Series</i> , 2014 , 37-52	0.2	
35	Embedded Memory Hierarchy. <i>Analog Circuits and Signal Processing Series</i> , 2014 , 29-35	0.2	
34	Embedded Memory Verification. <i>Analog Circuits and Signal Processing Series</i> , 2014 , 69-74	0.2	
33	Embedded Memory Design Validation and Design For Test. <i>Analog Circuits and Signal Processing Series</i> , 2014 , 75-81	0.2	1
32	Emerging Memory Technology Opportunities and Challenges. <i>Analog Circuits and Signal Processing Series</i> , 2014 , 83-89	0.2	1
31	2013 ,		7
30	Robust Hybrid Memristor-CMOS Memory: Modeling and Design. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2013 , 21, 2069-2079	2.6	49
29	2013 ,		2
28	The optimum Booth radix for low power integer multipliers 2013 ,		2
27	Universal fused floating-point dot-product unit (UFDP) 2013 ,		1
26	The revolution of glucose monitoring methods and systems: A survey 2013 ,		1
25	Memristor for energy efficient wireless sensor node 2013 ,		1
24	Memristors for digital, memory and neuromorphic circuits 2013 ,		1
23	Embedded memory design using memristor: Retention time versus write energy 2013 ,		2
22	A survey of thermal energy harvesting techniques and interface circuitry 2013 ,		11
21	Energy efficient and high bandwidth embedded memory implementation 2013 ,		1
20	Efficient power management in wireless sensor networks 2013 ,		1
19	Modeling of STT-MTJ for low power embedded memory applications: A comparative review 2013 ,		1

18	Automated real-time video surveillance algorithms for SoC implementation: A survey 2013 ,		7
17	Automated flow for generating CMOS custom memory bit map between logical and physical implementation 2013 ,		1
16	Piezo Electric energy harvester and its interface circuit: Opportunities and challenges 2013 ,		3
15	A reduced voltage swing circuit using a single supply to enable lower voltage operation for SRAM-based memory. <i>Microelectronics Journal</i> , 2012 , 43, 110-118	1.8	12
14	Write-through method for embedded memory with compression Scan-based testing 2012 ,		1
13	Mathematical modeling of a memristor device 2012 ,		10
12	Comparative study of current mode and voltage mode sense amplifier used for 28nm SRAM 2012 ,		12
11	Memristor: Modeling read and write operations 2011 ,		4
10	Hybrid Memristor-CMOS memory cell: Modeling and design 2011 ,		3
9	Low leakage power SRAM cell for embedded memory 2011 ,		1
8	Dynamic cache resizing architecture for high yield SOC 2009 ,		3
7	Semi-custom design flow: Leveraging Place and route tools in Custom Circuit design 2009 ,		3
6	2008 ,		4
5	Cache Design for Low Power and High Yield 2008 ,		18
4	A 65-nm pulsed latch with a single clocked transistor 2007 ,		3
3	Cache Organization for Embeded Processors: CAM-vs-SRAM 2006 ,		7
2	A fully bypassed six-issue integer datapath and register file on the Itanium-2 microprocessor. <i>IEEE Journal of Solid-State Circuits</i> , 2002 , 37, 1433-1440	5.5	21
1	Bioinspired Soft Multistate Resistive Memory Device Based on Silk Fibroin Gel for Neuromorphic Computing. <i>Advanced Engineering Materials</i> , 2200314	3.5	3

