Ke Chen

List of Publications by Year
in descending order

11	76	1684188	1588992
papers	citations	5	8
		h-index	g-index

11	11	11	70
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient Implementations of Reduced Precision Redundancy (RPR) Multiply and Accumulate (MAC). IEEE Transactions on Computers, 2019, 68, 784-790.	3.4	24
2	Two Approximate Voting Schemes for Reliable Computing. IEEE Transactions on Computers, 2017, 66, 1227-1239.	3.4	17
3	Profile-Based Output Error Compensation for Approximate Arithmetic Circuits. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 4707-4718.	5.4	9
4	Design and analysis of an approximate 2D convolver. , 2016, , .		6
5	Reduced Precision Redundancy for Reliable Processing of Data. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 1960-1971.	4.6	6
6	GBC: An Energy-Efficient LSTM Accelerator With Gating Units Level Balanced Compression Strategy. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 3655-3665.	5.4	6
7	PAxC: A Probabilistic-oriented Approximate Computing Methodology for ANNs. , 2022, , .		3
8	Low-Power Approximate RPR Scheme for Unsigned Integer Arithmetic Computation. IEEE Open Journal of Nanotechnology, 2022, 3, 36-44.	2.0	2
9	A survey of approximate arithmetic circuits and blocks. IT - Information Technology, 2022, 64, 79-87.	0.9	2
10	Design and analysis of energy€efficient approximate Booth€folding squarers with precision recovery. Electronics Letters, 2022, 58, 349-351.	1.0	1
11	Editorial Special Issue on Circuits and Systems for Emerging Computing Paradigms. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2653-2654.	5.4	0