James R Hoff

List of Publications by Year
in descending order

8 papers	33 citations	2258059 3 h-index	2272923 4 g-index
8 all docs	8 docs citations	8 times ranked	35 citing authors

#	Article	IF	Citations
1	Multi-Vdd Design for Content Addressable Memories (CAM): A Power-Delay Optimization Analysis. Journal of Low Power Electronics and Applications, 2018, 8, 25.	2.0	12
2	CDP1â€"A Data Concentrator Prototype for the Deep Underground Neutrino Experiment. IEEE Transactions on Nuclear Science, 2019, 66, 2338-2345.	2.0	10
3	A methodology for power characterization of associative memories. , 2015, , .		4
4	ColdADC_P2: A 16-Channel Cryogenic ADC ASIC for the Deep Underground Neutrino Experiment. IEEE Transactions on Nuclear Science, 2022, 69, 105-112.	2.0	3
5	A content addressable memory with multi-Vdd scheme for low power tunable operation. , 2017, , .		2
6	Workload Dependent Design and Power Modeling of Pattern Recognition Associative Memories. , 2018, , .		1
7	Performance Study of the First 2-D Prototype of Vertically Integrated Pattern Recognition Associative Memory. IEEE Transactions on Nuclear Science, 2020, 67, 2111-2118.	2.0	1
8	Confluxâ€"An Asynchronous Two-to-One Multiplexor for Time-Division Multiplexing and Clockless, Tokenless Readout. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2020, 28, 503-515.	3.1	0