

Tiansong Cui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4404619/publications.pdf>

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16
papers

117
citations

3311381

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3475538

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145
citing authors

#	ARTICLE	IF	CITATIONS
1	7nm FinFET standard cell layout characterization and power density prediction in near- and super-threshold voltage regimes. , 2014, , .		20
2	An electricity trade model for microgrid communities in smart grid. , 2014, , .		18
3	Concurrent optimization of consumer's electrical energy bill and producer's power generation cost under a dynamic pricing model. , 2012, , .		14
4	Optimal co-scheduling of HVAC control and battery management for energy-efficient buildings considering state-of-health degradation. , 2016, , .		14
5	Profit maximization for utility companies in an oligopolistic energy market with dynamic prices. , 2012, , .		8
6	An Exploration of Applying Gate-Length-Biasing Techniques to Deeply-Scaled FinFETs Operating in Multiple Voltage Regimes. IEEE Transactions on Emerging Topics in Computing, 2018, 6, 172-183.	4.6	7
7	Semi-analytical current source modeling of FinFET devices operating in near/sub-threshold regime with independent gate control and considering process variation. , 2014, , .		6
8	A game-theoretic price determination algorithm for utility companies serving a community in smart grid. , 2013, , .		5
9	Layout Characterization and Power Density Analysis for Shorted-Gate and Independent-Gate 7nm FinFET Standard Cells. , 2015, , .		5
10	Standard cell library based layout characterization and power analysis for 10nm gate-all-around (GAA) transistors. , 2016, , .		5
11	An efficient timing analysis model for 6T FinFET SRAM using current-based method. , 2016, , .		5
12	Semi-analytical current source modeling of near-threshold operating logic cells considering process variations. , 2013, , .		4
13	An efficient semi-analytical current source model for FinFET devices in near/sub-threshold regime considering multiple input switching and stack effect. , 2014, , .		3
14	An electricity trade model for multiple power distribution networks in smart energy systems. , 2014, , .		2
15	Impact of technology and voltage scaling on LEON3 processor performance and energy. , 2015, , .		1
16	A Probability Theory Based Price Determination Framework for Utility Companies in an Oligopolistic Energy Market. , 2014, , .		0