

Tiansong Cui

List of Publications by Year in descending order

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16
papers

117
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3311381

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145
citing authors

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