Hossein Aghababa

List of Publications by Year
in descending order

24 papers	198 citations	1478505 6 h-index	1720034 7 g-index
24 all docs	24 docs citations	24 times ranked	83 citing authors

#	Article	IF	Citations
1	Bidirectional Teleportation of a Two-Qubit State by Using Eight-Qubit Entangled State as a Quantum Channel. International Journal of Theoretical Physics, 2017, 56, 2101-2112.	1.2	55
2	Bidirectional quantum teleportation of an arbitrary number of qubits over noisy channel. Quantum Information Processing, 2019, 18, 1.	2.2	34
3	Bidirectional Quantum Teleportation of a Class of n-Qubit States by Using (2n + 2)-Qubit Entangled States as Quantum Channel. International Journal of Theoretical Physics, 2018, 57, 175-183.	1.2	30
4	Asymmetric Bidirectional Controlled Quantum Teleportation Using Eight Qubit Cluster State. International Journal of Theoretical Physics, 2022, 61, 1.	1.2	23
5	Bidirectional Quantum Teleportation of an Arbitrary Number of Qubits by Using Four Qubit Cluster State. International Journal of Theoretical Physics, 2021, 60, 378-386.	1.2	19
6	High-performance low-leakage regions of nano-scaled CMOS digital gates under variations of threshold voltage and mobility. Journal of Zhejiang University: Science C, 2012, 13, 460-471.	0.7	7
7	A novel leakage power reduction technique for nano-scaled CMOS digital integrated circuits. , 2016, , .		5
8	n-Bit Quantum Secret Sharing Protocol Using Quantum Secure Direct Communication. International Journal of Theoretical Physics, 2021, 60, 3744-3759.	1.2	5
9	Multi-walled carbon nanotube impedance. , 2010, , .		4
10	Estimation of joint probability density function of delay and leakage power with variable skewness. , 2013, , .		4
11	A compact current-voltage model for carbon nanotube field effect transistors. , 2008, , .		3
12	Static power optimization of a Full-Adder under Front-End of Line systematic variations. , 2009, , .		3
13	Application of Quantum Gradient Descent as a Learning Algorithm for Factorization Machines. , 2018, , .		2
14	Analytical modeling of read stability metric of SRAM cell in nanoscale era. , 2010, , .		1
15	Analysis of stress effects on timing of nano-scaled CMOS digital integrated circuits. , 2016, , .		1
16	An aging-aware model for the leakage power of nanoscaled digital integrated circuits in IoT era. , 2017, , .		1
17	Knock signal denoising employing a new time domain method. , 2017, , .		1
18	Analysis of potential function in cylindrical nanowires. , 2008, , .		0

#	Article	IF	Citations
19	Asynchronous circuits design using quantum-dot cellular automata for molecular computing. , 2008, , .		0
20	Design of a two-capacitor sample & hold circuit using a two-stage OTA with hybrid cascode compensation. , 2009, , .		0
21	A robust method to estimate Power and Delay for Digital Integrated Circuits. , 2009, , .		0
22	Effects of device and peripheral parameters on transconductance of silicon nanowire transistors. , 2010, , .		0
23	Joint-PDF of timing and power of nano-scaled CMOS digital gates due to channel length variation. , 2010, , .		0
24	Statistical delay modeling of read operation of SRAMs due to channel length variation. , 2010, , .		0