

Mahmood Barangi

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

80
citations

1478505

6
h-index

1872680

6
g-index

11
all docs

11
docs citations

11
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Straintronics-based magnetic tunneling junction: Dynamic and static behavior analysis and material investigation. Applied Physics Letters, 2014, 104, .	3.3	18
2	Straintronics: A leap toward ultimate energy efficiency of magnetic random access memories. IEEE Nanotechnology Magazine, 2015, 9, 15-24.	1.3	16
3	Straintronics-Based True Random Number Generator for High-Speed and Energy-Limited Applications. IEEE Transactions on Magnetics, 2016, 52, 1-9.	2.1	14
4	Straintronics-Based Random Access Memory as Universal Data Storage Devices. IEEE Transactions on Magnetics, 2015, 51, 1-8.	2.1	13
5	Effect of temperature variations and thermal noise on the static and dynamic behavior of straintronics devices. Journal of Applied Physics, 2015, 118, .	2.5	7
6	Towards developing a compact model for magnetization switching in straintronics magnetic random access memory devices. Journal of Applied Physics, 2016, 120, .	2.5	6
7	Design and analysis of a terahertz SSPP switch using piezoelectric materials. , 2015, , .		3
8	A continuous-time sigma-delta ADC with tunable pass-band for multi-standard applications. , 2013, , .		2
9	Ultra low-power filter bank for hearing aid speech processor. , 2012, , .		1
10	Modeling of temperature dependency of magnetization in straintronics memory devices. , 2015, , .		0
11	Analysis, modeling, and applications of the straintronics devices for the future spin-based integrated circuits. , 2016, , .		0