

# Nicoleta Cucu-Laurenciu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Graphene Nanoribbons Based 5-Bit Digital-to-Analog Converter. IEEE Nanotechnology Magazine, 2021, 20, 248-254.	2.0	2
2	A Reconfigurable Graphene-Based Spiking Neural Network Architecture. IEEE Open Journal of Nanotechnology, 2021, 2, 59-71.	2.0	4
3	Graphene-Based Artificial Synapses with Tunable Plasticity. ACM Journal on Emerging Technologies in Computing Systems, 2021, 17, 1-21.	2.3	4
4	Reliability Aware Design and Lifetime Management of Computing Platforms. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 602-615.	4.6	0
5	Compact Graphene-Based Spiking Neural Network With Unsupervised Learning Capabilities. IEEE Open Journal of Nanotechnology, 2020, 1, 135-144.	2.0	6
6	Graphene Nanoribbon Based Complementary Logic Gates and Circuits. IEEE Nanotechnology Magazine, 2019, 18, 287-298.	2.0	34
7	On Basic Boolean Function Graphene Nanoribbon Conductance Mapping. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 1948-1959.	5.4	10
8	Complementary Arranged Graphene Nanoribbon-based Boolean Gates. , 2018, , .		6
9	Timing error analysis of flooded LDPC decoders. , 2015, , .		5
10	Low cost and energy, thermal noise driven, probability modulated random number generator. , 2015, , .		12
11	A direct measurement scheme of amalgamated aging effects with novel on-chip sensor. , 2013, , .		6