

Kristina E Nikiruy

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

249
citations

9
h-index

12
g-index

12
ext. papers

312
ext. citations

1.6
avg, IF

3.18
L-index

#	Paper	IF	Citations
11	Parylene Based Memristive Devices with Multilevel Resistive Switching for Neuromorphic Applications. <i>Scientific Reports</i> , 2019 , 9, 10800	4.9	59
10	Yttria-stabilized zirconia cross-point memristive devices for neuromorphic applications. <i>Microelectronic Engineering</i> , 2019 , 215, 110988	2.5	40
9	Transport, Magnetic, and Memristive Properties of a Nanogranular (CoFeB) x (LiNbO _y) ₁₀₀ Composite Material. <i>Journal of Experimental and Theoretical Physics</i> , 2018 , 126, 353-367	1	39
8	On the resistive switching mechanism of parylene-based memristive devices. <i>Organic Electronics</i> , 2019 , 74, 89-95	3.5	24
7	Dopamine-like STDP modulation in nanocomposite memristors. <i>AIP Advances</i> , 2019 , 9, 065116	1.5	22
6	A Precise Algorithm of Memristor Switching to a State with Preset Resistance. <i>Technical Physics Letters</i> , 2018 , 44, 416-419	0.7	20
5	Adaptive Properties of Spiking Neuromorphic Networks with Synapses Based on Memristive Elements. <i>Technical Physics Letters</i> , 2019 , 45, 386-390	0.7	15
4	Memristive Properties of Structures Based on (Co ₄₁ Fe ₃₉ B ₂₀) x (LiNbO ₃) ₁₀₀ Nanocomposites. <i>Journal of Communications Technology and Electronics</i> , 2018 , 63, 491-496	0.5	13
3	Spike-Timing-Dependent and Spike-Shape-Independent Plasticities with Dopamine-Like Modulation in Nanocomposite Memristive Synapses. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020 , 217, 1900938	1.6	10
2	Formation of a Memristive Array of Crossbar-Structures Based on (Co ₄₀ Fe ₄₀ B ₂₀)x(LiNbO ₃) ₁₀₀ Nanocomposite. <i>Journal of Communications Technology and Electronics</i> , 2019 , 64, 1135-1139	0.5	4
1	Properties of Nanocomposites With Different Concentrations of Magnetic Ions in an Insulating Matrix. <i>IEEE Magnetic Letters</i> , 2019 , 10, 1-4	1.6	3