Olga R Sulymenko

List of Publications by Year
in descending order

12	177	1684188 5	2053705 5
papers	citations	h-index	g-index

12	12	12	277
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultra-fast artificial neuron: generation of picosecond-duration spikes in a current-driven antiferromagnetic auto-oscillator. Scientific Reports, 2018, 8, 15727.	3.3	61
2	Ultra-fast logic devices using artificial â€œneuronsâ€•based on antiferromagnetic pulse generators. Journal of Applied Physics, 2018, 124, .	2.5	36
3	Terahertz-Frequency Signal Source Based on an Antiferromagnetic Tunnel Junction. IEEE Magnetics Letters, 2018, 9, 1-5.	1.1	35
4	Ultra-fast wide band spectrum analyzer based on a rapidly tuned spin-torque nano-oscillator. Applied Physics Letters, 2018, 113, .	3.3	23
5	Terahertz frequency spectrum analysis with a nanoscale antiferromagnetic tunnel junction. Journal of Applied Physics, 2020, 127, .	2.5	22
6	Microwave phase-locking of two weakly-coupled spin-torque nano-oscillators with random eigen parameters. , 2016, , .		0
7	Generation of THz-frequency electromagnetic signals in antiferromagnetic multilayered nanostructures biased by a spin current. , 2017, , .		0
8	Generation of THz-Frequency Electromagnetic Signals in Antiferromagnetic Nano-Oscillators. , 2018, , .		0
9	THz-Frequency Signal Sources Based on Antiferromagnetic Spin Hall Oscillators. , 2018, , .		0
10	A Resonance-Type Terahertz-Frequency Signal Detector Based on an Antiferromagnetic Tunnel Junction. , 2019, , .		0
11	Antiferromagnetic Tunnel Junction as a Detector of Terahertz Frequency Signals. , 2019, , .		0
12	Spin Hall Oscillators Based on Antiferromagnets for Logic Operations. , 2019, , .		0