Andrey E Schegolev

List of Publications by Year
in descending order

12	170	1478505 6	1372567 10
papers	citations	h-index	g-index

13	13	13	110
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Issues with Modeling a Tunnel Communication Channel through a Plasma Sheath. Sensors, 2022, 22, 398.	3.8	8
2	Experimental study of radio frequency waves resonant transmission through a semiconductor plasma sheet with supercritical electron density. Journal Physics D: Applied Physics, 2022, 55, 305102.	2.8	3
3	Superconducting Bio-Inspired Au-Nanowire-Based Neurons. Nanomaterials, 2022, 12, 1671.	4.1	6
4	Dynamic Processes in a Superconducting Adiabatic Neuron with Non-Shunted Josephson Contacts. Symmetry, 2021, 13, 1735.	2.2	5
5	Learning cell for superconducting neural networks. Superconductor Science and Technology, 2021, 34, 015006.	3.5	15
6	Controlling the proximity effect in a Co/Nb multilayer: the properties of electronic transport. Beilstein Journal of Nanotechnology, 2020, 11, 1336-1345.	2.8	13
7	Generation of Coherent and Spatially Squeezed States of an Electromagnetic Beam in a Planar Inhomogeneous Dielectric Waveguide. Photonics, 2019, 6, 84.	2.0	3
8	Adiabatic superconducting artificial neural network: Basic cells. Journal of Applied Physics, 2018, 124, .	2.5	47
9	Energy Efficient Superconducting Neural Networks for High-Speed Intellectual Data Processing Systems. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-6.	1.7	17
10	Adiabatic superconducting cells for ultra-low-power artificial neural networks. Beilstein Journal of Nanotechnology, 2016, 7, 1397-1403.	2.8	37
11	Tunable superconducting neurons for networks based on radial basis functions. Beilstein Journal of Nanotechnology, 0, 13, 444-454.	2.8	9
12	A superconducting adiabatic neuron in a quantum regime. Beilstein Journal of Nanotechnology, 0, 13, 653-665.	2.8	7