

Sergey Dushenko

List of Publications by Citations

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Version: 2024-04-27

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19
papers

245
citations

7
h-index

15
g-index

21
ext. papers

319
ext. citations

3.4
avg, IF

3.01
L-index

#	Paper	IF	Citations
19	Experimental Demonstration of Room-Temperature Spin Transport in n-Type Germanium Epilayers. <i>Physical Review Letters</i> , 2015 , 114, 196602	7.4	75
18	Gate-Tunable Spin-Charge Conversion and the Role of Spin-Orbit Interaction in Graphene. <i>Physical Review Letters</i> , 2016 , 116, 166102	7.4	53
17	Tunable inverse spin Hall effect in nanometer-thick platinum films by ionic gating. <i>Nature Communications</i> , 2018 , 9, 3118	17.4	28
16	Quantitative investigation of the inverse Rashba-Edelstein effect in Bi/Ag and Ag/Bi on YIG. <i>Applied Physics Letters</i> , 2017 , 110, 072404	3.4	22
15	Significant reduction in spin pumping efficiency in a platinum/yttrium iron garnet bilayer at low temperature. <i>Applied Physics Express</i> , 2016 , 9, 053002	2.4	12
14	Giant spin Hall angle in the Heusler alloy Weyl ferromagnet Co ₂ MnGa. <i>Physical Review B</i> , 2021 , 103,	3.3	11
13	Ferromagnetic resonance and spin pumping efficiency for inverse spin-Hall effect normalization in yttrium-iron-garnet-based systems. <i>Applied Physics Express</i> , 2015 , 8, 103002	2.4	9
12	Asymmetry of Magnetization Reversal of Pinned Layer in NiFe/Cu/NiFe/IrMn Spin-Valve Structure. <i>Journal of Superconductivity and Novel Magnetism</i> , 2014 , 27, 1547-1552	1.5	7
11	Spin-wave-induced lateral temperature gradient in a YIG thin film/GGG system excited in an ESR cavity. <i>Applied Physics Letters</i> , 2018 , 112, 212401	3.4	6
10	Spin injection into silicon detected by broadband ferromagnetic resonance spectroscopy. <i>Applied Physics Letters</i> , 2017 , 110, 182402	3.4	5
9	Sequential Bayesian experiment design for optically detected magnetic resonance of nitrogen-vacancy centers. <i>Physical Review Applied</i> , 2020 , 14,	4.3	5
8	Spin-orbit coupling induced by bismuth doping in silicon thin films. <i>Applied Physics Letters</i> , 2018 , 113, 122408	3.4	4
7	Temperature dependence of exchange bias in Co/FeMn-structure induced by heating and cooling in magnetic field. <i>Journal of Physics: Conference Series</i> , 2011 , 303, 012103	0.3	3
6	The dependence of magnetic properties of Co/FeMn bilayer structure on the magnitude of magnetic field applied during the layer deposition. <i>Journal of Physics: Conference Series</i> , 2011 , 303, 012104	0.3	1
5	Exchange Bias in Co/FeMn and Co/IrMn Structures Induced by Deposition in Presence of Magnetic Field. <i>Solid State Phenomena</i> , 2012 , 190, 93-96	0.4	1
4	Optbayesxpt: Sequential Bayesian Experiment Design for Adaptive Measurements. <i>Journal of Research of the National Institute of Standards and Technology</i> , 2021 , 126,	1.3	1
3	Sequential Bayesian experiment design for adaptive Ramsey sequence measurements. <i>Journal of Applied Physics</i> , 2021 , 130, 144401	2.5	0

- 2 Exchange Bias Induced in Polycrystalline Co/FeMn-Structures by Magnetic Field Cooling. *Solid State Phenomena*, **2012**, 190, 81-84 0.4
- 1 Ferromagnetic resonance imbalance at high microwave power: Effect on the Gilbert damping parameter. *Journal of Applied Physics*, **2019**, 126, 203904 2.5