

Marek VaÅ^atka

List of Publications by Year in descending order

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13
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700
citing authors

#	ARTICLE	IF	CITATIONS
1	Dipolar-stabilized first and second-order antiskyrmions in ferrimagnetic multilayers. Nature Communications, 2021, 12, 2611.	12.8	29
2	Spin-Wave Dispersion Measurement by Variable-Gap Propagating Spin-Wave Spectroscopy. Physical Review Applied, 2021, 16, .	3.8	13
3	Propagation of spin waves through a Néel domain wall. Applied Physics Letters, 2020, 117, .	3.3	19
4	Freestanding Positionable Microwave-Antenna Device for Magneto-Optical Spectroscopy Experiments. Physical Review Applied, 2020, 13, .	3.8	8
5	Zero-field propagation of spin waves in waveguides prepared by focused ion beam direct writing. Physical Review B, 2020, 101, .	3.2	15
6	Fabrication of Magnetic Nanostructures on Silicon Nitride Membranes for Magnetic Vortex Studies Using Transmission Microscopy Techniques. Journal of Visualized Experiments, 2018, , .	0.3	2
7	Magnetic vortex nucleation modes in static magnetic fields. AIP Advances, 2017, 7, 105103.	1.3	3
8	OPTICAL AND MAGNETO-OPTICAL PROPERTIES OF PERMALLOY THIN FILMS IN 0.7–6.4 eV PHOTON ENERGY RANGE. Materials and Design, 2017, 114, 31-39.	7.0	38
9	High-resolution fully vectorial scanning Kerr magnetometer. Review of Scientific Instruments, 2016, 87, 053704.	1.3	9
10	Very large domain wall velocities in Pt/Co/GdOx and Pt/Co/Gd trilayers with Dzyaloshinskii-Moriya interaction. Europhysics Letters, 2016, 113, 67001.	2.0	75
11	Dynamics and efficiency of magnetic vortex circulation reversal. Physical Review B, 2015, 91, .	3.2	12
12	Velocity asymmetry of Dzyaloshinskii domain walls in the creep and flow regimes. Journal of Physics Condensed Matter, 2015, 27, 326002.	1.8	56
13	Ultrasoother metallic foils for growth of high quality graphene by chemical vapor deposition. Nanotechnology, 2014, 25, 185601.	2.6	36