Marek VaŘˆatka

List of Publications by Year
in descending order

13	315	1040056	1125743
papers	citations	9	13
		h-index	g-index

13	13	13	700
all docs	docs citations	times ranked	citing authors

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