

# Michal Staňo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5956297/publications.pdf>

Version: 2024-02-01

11  
papers

248  
citations

1307594

7  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

397  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Nanowires and Nanotubes. Handbook of Magnetic Materials, 2018, 27, 155-267.	0.6	78
2	Bloch-point-mediated topological transformations of magnetic domain walls in cylindrical nanowires. Physical Review B, 2019, 99, .	3.2	45
3	Preparation and physical properties of soft magnetic nickel-cobalt three-segmented nanowires. Journal of Applied Physics, 2018, 124, .	2.5	25
4	Nucleation, imaging, and motion of magnetic domain walls in cylindrical nanowires. Applied Physics Letters, 2016, 109, .	3.3	24
5	Propagation of spin waves through a Néel domain wall. Applied Physics Letters, 2020, 117, .	3.3	19
6	Transmission XMCD-PEEM imaging of an engineered vertical FEBID cobalt nanowire with a domain wall. Nanotechnology, 2018, 29, 045704.	2.6	16
7	Flux-closure domains in high aspect ratio electroless-deposited CoNiB nanotubes. , 2018, 5, .		16
8	High-sensitivity mapping of magnetic induction fields with nanometer-scale resolution: comparison of off-axis electron holography and pixelated differential phase contrast. Journal Physics D: Applied Physics, 2021, 54, 085001.	2.8	12
9	Theoretical study of current-induced domain wall motion in magnetic nanotubes with azimuthal domains. Physical Review B, 2021, 103, .	3.2	7
10	Probing domain walls in cylindrical magnetic nanowires with electron holography. Journal of Physics: Conference Series, 2017, 903, 012055.	0.4	6
11	Controlling the Metamagnetic Phase Transition in FeRh/MnRh Superlattices and Thin-Film Fe <sub>50-x</sub> Mn <sub>x</sub> Rh <sub>50</sub> Alloys. ACS Applied Materials & Interfaces, 2022, 14, 3568-3579.	8.0	0