

# Piotr Ogrodnik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4744799/publications.pdf>

Version: 2024-02-01

12  
papers

103  
citations

1478505

6  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-torque diode radio-frequency detector with voltage tuned resonance. Applied Physics Letters, 2014, 105, .	3.3	21
2	Rectification of radio-frequency current in a giant-magnetoresistance spin valve. Physical Review B, 2015, 91, .	3.2	18
3	Thermally induced dynamics in ultrathin magnetic tunnel junctions. Physical Review B, 2013, 88, .	3.2	15
4	The influence of interlayer exchange coupling in giant-magnetoresistive devices on spin diode effect in wide frequency range. Applied Physics Letters, 2015, 107, 122410.	3.3	11
5	Electric-field tunable spin diode FMR in patterned PMN-PT/NiFe structures. Applied Physics Letters, 2016, 109, 072406.	3.3	11
6	Backhopping effect in magnetic tunnel junctions: Comparison between theory and experiment. Journal of Applied Physics, 2013, 114, .	2.5	8
7	Spin transfer torque and magnetic dynamics in tunnel junctions. Physical Review B, 2010, 82, .	3.2	5
8	Magnetization Dynamics in a Magnetic Tunnel Junction Due to Spin Transfer Torque in the Presence of Interlayer Exchange Coupling. IEEE Transactions on Magnetics, 2011, 47, 1627-1630.	2.1	4
9	Study of Spin-Orbit Interactions and Interlayer Ferromagnetic Coupling in Co/Pt/Co Trilayers in a Wide Range of Heavy-Metal Thickness. ACS Applied Materials & Interfaces, 2021, 13, 47019-47032.	8.0	4
10	Field- and temperature-modulated spin diode effect in a GMR nanowire with dipolar coupling. Journal Physics D: Applied Physics, 2019, 52, 065002.	2.8	3
11	Structural, magnetostatic, and magnetodynamic studies of Co/Mo-based uncompensated synthetic antiferromagnets. Physical Review Materials, 2019, 3, .	2.4	2
12	Biaxial Magnetic-Field Setup for Angular-Dependent Measurements of Magnetic Thin Films and Spintronic Nanodevices. IEEE Transactions on Magnetics, 2018, 54, 1-7.	2.1	1