

# Andrea Meo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8502273/publications.pdf>

Version: 2024-02-01

10  
papers

152  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

189  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of faceting and elongation on the magnetic anisotropy of magnetite Fe <sub>3</sub> O <sub>4</sub> nanocrystals. Scientific Reports, 2020, 10, 2722.	3.3	36
2	Thermally nucleated magnetic reversal in CoFeB/MgO nanodots. Scientific Reports, 2017, 7, 16729.	3.3	27
3	Magnetic stray fields in nanoscale magnetic tunnel junctions. Journal Physics D: Applied Physics, 2020, 53, 044001.	2.8	23
4	Spin transfer torque switching dynamics in CoFeB/MgO magnetic tunnel junctions. Physical Review B, 2021, 103, .	3.2	15
5	Magnetisation switching dynamics induced by combination of spin transfer torque and spin orbit torque. Scientific Reports, 2022, 12, 3380.	3.3	14
6	Atomistic investigation of the temperature and size dependence of the energy barrier of CoFeB/MgO nanodots. Journal of Applied Physics, 2020, 128, .	2.5	11
7	Magnetization dynamics of granular heat-assisted magnetic recording media by means of a multiscale model. Physical Review B, 2020, 102, .	3.2	8
8	Spontaneous creation and annihilation dynamics of magnetic skyrmions at elevated temperature. Physical Review B, 2021, 104, .	3.2	8
9	Site-Resolved Contributions to the Magnetic-Anisotropy Energy and Complex Spin Structure of $\text{Fe}/\text{MgO}$ Sandwiches. Physical Review Applied, 2018, 9, .	3.8	6
10	Models of advanced recording systems: A multi-timescale micromagnetic code for granular thin film magnetic recording systems. Computer Physics Communications, 2022, 279, 108462.	7.5	4