

Andrea Meo

List of Publications by Year in descending order

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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	Magnetisation switching dynamics induced by combination of spin transfer torque and spin orbit torque. Scientific Reports, 2022, 12, 3380.	3.3	14
2	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
3	Spin transfer torque switching dynamics in CoFeB/MgO magnetic tunnel junctions. Physical Review B, 2021, 103, .	3.2	15
4	Spontaneous creation and annihilation dynamics of magnetic skyrmions at elevated temperature. Physical Review B, 2021, 104, .	3.2	8
5	Magnetic stray fields in nanoscale magnetic tunnel junctions. Journal Physics D: Applied Physics, 2020, 53, 044001.	2.8	23
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	The role of faceting and elongation on the magnetic anisotropy of magnetite Fe ₃ O ₄ nanocrystals. Scientific Reports, 2020, 10, 2722.	3.3	36
9	Site-Resolved Contributions to the Magnetic-Anisotropy Energy and Complex Spin Structure of Fe/MgO Sandwiches. Physical Review Applied, 2018, 9, .	3.8	6
10	Thermally nucleated magnetic reversal in CoFeB/MgO nanodots. Scientific Reports, 2017, 7, 16729.	3.3	27