Federico Motti

List of Publications by Year
in descending order

11	96	1684188 5	1474206 9
papers	citations	h-index	g-index

11	11	11	166
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strain-induced magnetization control in an oxide multiferroic heterostructure. Physical Review B, 2018, 97, .	3.2	26
2	An integrated ultra-high vacuum apparatus for growth and in situ characterization of complex materials. Review of Scientific Instruments, 2020, 91, 085109.	1.3	17
3	Reversible Modification of Ferromagnetism through Electrically Controlled Morphology. Advanced Electronic Materials, 2019, 5, 1900150.	5.1	15
4	Spectroscopic elucidation of ionic motion processes in tunnel oxide-based memristive devices. Faraday Discussions, 2019, 213, 215-230.	3.2	13
5	Interplay between morphology and magnetoelectric coupling in Fe/PMN-PT multiferroic heterostructures studied by microscopy techniques. Physical Review Materials, 2020, 4, .	2.4	7
6	Evidence of Robust Half-Metallicity in Strained Manganite Films. Journal of Physical Chemistry C, 2021, 125, 14430-14437.	3.1	5
7	Thermal assisted tailoring of magnetic coercivity in Iron thin films on unstable Lithium Niobate substrate. Journal of Magnetism and Magnetic Materials, 2020, 515, 167257.	2.3	4
8	Original design of a patterned multiferroic heterostructure for electrical control of the magnetic shape anisotropy. Journal of Magnetism and Magnetic Materials, 2020, 507, 166816.	2.3	4
9	Growth of 2D-molybdenum disulfide on top of magnetite and iron by chemical methods. Thin Solid Films, 2020, 701, 137943.	1.8	3
10	Route to tunable room temperature electric polarization in SrTiO₃â€“CoFe₂O₄ heterostructures. Journal of Materials Chemistry C, 2021, 9, 5977-5984.	5.5	1
11	Magnetic behavior of Fe-doped zirconia studied by synchrotron radiation measurements and first-principles simulations. Physical Review Materials, 2020, 4, .	2.4	1