

W Eerenstein

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11107013/publications.pdf>

Version: 2024-02-01

13
papers

9,136
citations

758635

12
h-index

1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

8910
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiferroic and magnetoelectric materials. Nature, 2006, 442, 759-765.	13.7	7,032
2	Giant sharp and persistent converse magnetoelectric effects in multiferroic epitaxial heterostructures. Nature Materials, 2007, 6, 348-351.	13.3	678
3	Spin-Polarized Transport across Sharp Antiferromagnetic Boundaries. Physical Review Letters, 2002, 88, 247204.	2.9	269
4	Origin of the increased resistivity in epitaxial Fe ₃ O ₄ films. Physical Review B, 2002, 66, .	1.1	199
5	Diffusive motion of antiphase domain boundaries in Fe ₃ O ₄ films. Physical Review B, 2003, 68, .	1.1	101
6	Growth of highly resistive BiMnO ₃ films. Applied Physics Letters, 2005, 87, 101906.	1.5	80
7	Characterization of anti-phase boundaries in epitaxial magnetite films. European Physical Journal B, 2003, 36, 271-279.	0.6	76
8	Mechanism for superparamagnetic behavior in epitaxial Fe ₃ O ₄ films. Physical Review B, 2004, 70, .	1.1	46
9	Magneto-resistance and superparamagnetism in magnetite films on MgO and MgAl ₂ O ₄ . Journal of Magnetism and Magnetic Materials, 2003, 258-259, 73-76.	1.0	43
10	Experimental difficulties and artefacts in multiferroic and magnetoelectric thin films of BiFeO ₃ , Bi _{0.6} Tb _{0.3} La _{0.1} FeO ₃ and BiMnO ₃ . Philosophical Magazine Letters, 2007, 87, 249-257.	0.5	38
11	Spin-valve behaviour of anti-ferromagnetic boundaries in ultrathin magnetite films. Thin Solid Films, 2001, 400, 90-94.	0.8	20
12	CORRECTIONS AND CLARIFICATIONS. Science, 2005, 307, 1203c-1203c.	6.0	11
13	Magnetism of ⁵⁷ Fe spins close to the ⁵⁷ Fe/ ₃ O/ ₄ /CoO interface. , 0, , .		0