

Uwe Bauer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7180581/publications.pdf>

Version: 2024-02-01

13
papers

2,701
citations

933264

10
h-index

1125617

13
g-index

13
all docs

13
docs citations

13
times ranked

3195
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-terminal resistive switch based on metal/metal oxide redox reactions. Scientific Reports, 2017, 7, 7452.	1.6	11
2	Spontaneous domain nucleation under in-plane fields in ultrathin films with Dzyaloshinskii-Moriya interaction. Journal of Applied Physics, 2015, 117, .	1.1	5
3	Magneto-ionic control of interfacial magnetism. Nature Materials, 2015, 14, 174-181.	13.3	444
4	Large voltage-induced modification of spin-orbit torques in Pt/Co/GdOx. Applied Physics Letters, 2014, 105, 222401.	1.5	70
5	Spin Hall torque magnetometry of Dzyaloshinskii domain walls. Physical Review B, 2014, 90, .	1.1	221
6	Voltage control of magnetic anisotropy in Fe films with quantum well states. Physical Review B, 2014, 89, .	1.1	17
7	Current-driven dynamics of chiral ferromagnetic domain walls. Nature Materials, 2013, 12, 611-616.	13.3	1,550
8	Voltage-controlled domain wall traps in ferromagnetic nanowires. Nature Nanotechnology, 2013, 8, 411-416.	15.6	164
9	Voltage-gated modulation of domain wall creep dynamics in an ultrathin metallic ferromagnet. Applied Physics Letters, 2012, 101, .	1.5	40
10	Electric field control of domain wall propagation in Pt/Co/GdOx films. Applied Physics Letters, 2012, 100, .	1.5	72
11	Magnetolectric Charge Trap Memory. Nano Letters, 2012, 12, 1437-1442.	4.5	89
12	Fe ₃ O ₄ on ZnO: A spectroscopic study of film and interface properties. Thin Solid Films, 2011, 520, 368-373.	0.8	10
13	Complex anisotropy and magnetization reversal on stepped surfaces probed by the magneto-optical Kerr effect. Journal of Magnetism and Magnetic Materials, 2011, 323, 1501-1508.	1.0	8