

# Uwe Bauer

## List of Publications by Year in descending order

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

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13  
papers

2,701  
citations

933264

10  
h-index

1125617

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g-index

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all docs

13  
docs citations

13  
times ranked

3195  
citing authors

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