

Ulrike Martens

List of Publications by Year in descending order

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17
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840585

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#	ARTICLE	IF	CITATIONS
1	Frequency-independent Terahertz Anomalous Hall Effect in DyCo ₅ , Co ₃₂ Fe ₆₈ , and Gd ₂₇ Fe ₇₃ Thin Films from DC to 40 THz. Advanced Materials, 2021, 33, e2007398.	11.1	20
2	Singlet-Oxygen-Induced Phospholipase A ₂ Inhibition: A Major Role for Interfacial Tryptophan Dioxidation. Chemistry - A European Journal, 2021, 27, 14702-14710.	1.7	20
3	Interaction of fibrinogen-magnetic nanoparticle bioconjugates with integrin reconstituted into artificial membranes. Nanoscale, 2020, 12, 19918-19930.	2.8	9
4	Ultrafast Charge and Spin Dynamics in Ferromagnets. , 2020, , .		0
5	Maghemite nanoparticles stabilize the protein corona formed with transferrin presenting different iron-saturation levels. Nanoscale, 2019, 11, 16063-16070.	2.8	22
6	Light-wave dynamic control of magnetism. Nature, 2019, 571, 240-244.	13.7	195
7	Anomalous Nernst effect and three-dimensional temperature gradients in magnetic tunnel junctions. Communications Physics, 2018, 1, .	2.0	12
8	Thermal conductivity of thin insulating films determined by tunnel magneto-Seebeck effect measurements and finite-element modeling. Journal Physics D: Applied Physics, 2018, 51, 224006.	1.3	11
9	Light-Induced Metastable Magnetic Texture Uncovered by <i>in situ</i> Lorentz Microscopy. Physical Review Letters, 2017, 118, 097203.	2.9	50
10	Pumping laser excited spins through MgO barriers. Journal Physics D: Applied Physics, 2017, 50, 144003.	1.3	6
11	Spin-Current Manipulation of Photo-Induced Magnetization Dynamics in Heavy Metal/Ferromagnet Double Layer-Based Nanostructures. IEEE Transactions on Magnetism, 2017, 53, 1-4.	1.2	1
12	Large magneto-Seebeck effect in magnetic tunnel junctions with half-metallic Heusler electrodes. Nature Communications, 2017, 8, 1626.	5.8	43
13	Enhancement of thermovoltage and tunnel magneto-Seebeck effect in CoFeB-based magnetic tunnel junctions by variation of the $MgAl_2O_4$ barrier thickness. Physical Review B, 2017, 96, .	1.1	16
14	3D Micropillars Guide the Mechanobiology of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. Advanced Healthcare Materials, 2016, 5, 335-341.	3.9	12
15	Stem Cell Mechanobiology: 3D Micropillars Guide the Mechanobiology of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes (Adv. Healthcare Mater. 3/2016). Advanced Healthcare Materials, 2016, 5, 334-334.	3.9	0
16	Comparison of laser-induced and intrinsic tunnel magneto-Seebeck effect in $CoFeB/O_4$ and $CoFeB/MgO$ magnetic tunnel junctions. Physical Review B, 2016, 93, .	1.1	26
17	Deposition of Amorphous Hydrogenated Carbon Nitride Films with a Dielectric Barrier Discharge. Plasma Processes and Polymers, 2012, 9, 647-651.	1.6	9