

Robert Streubel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9471540/publications.pdf>

Version: 2024-02-01

46
papers

2,579
citations

331538

21
h-index

233338

45
g-index

47
all docs

47
docs citations

47
times ranked

3456
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of dynamical effects and critical field in a cobalt spin crossover complex. Chemical Communications, 2022, 58, 661-664.	2.2	4
2	Magnetic moments and spin structure in single-phase B20 $\text{Co}_{1+x}\text{Si}_{1-x}$ ($x=0.043$). Journal of Applied Physics, 2022, 131, .	1.1	0
3	Chiral Spin Textures in Amorphous Iron-Germanium Thick Films. Advanced Materials, 2021, 33, e2004830.	11.1	13
4	Ferromagnetic liquid droplets with adjustable magnetic properties. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	14
5	Magnetic Materials: Chiral Spin Textures in Amorphous Iron-Germanium Thick Films (Adv. Mater.)	11.1	13
6	Magnetism in curved geometries. Journal of Applied Physics, 2021, 129, .	1.1	29
7	Spontaneous fluctuations in a magnetic Fe/Gd skyrmion lattice. Physical Review Research, 2021, 3, .	1.3	9
8	The effect of Cu additions in FePt/SiO_2 heat-assisted magnetic recording media. Journal of Physics Condensed Matter, 2021, 33, 104003.	0.7	8
9	Ferromagnetic resonances in single-crystal yttrium iron garnet nanofilms fabricated by metal-organic decomposition. Applied Physics Letters, 2021, 119, .	1.5	3
10	Itinerant ferromagnetism and intrinsic anomalous Hall effect in amorphous iron-germanium. Physical Review B, 2020, 101, .	1.1	10
11	Skyrmion fluctuations at a first-order phase transition boundary. Applied Physics Letters, 2020, 116, .	1.5	12
12	Perspective: Ferromagnetic Liquids. Materials, 2020, 13, 2712.	1.3	8
13	Launching a new dimension with 3D magnetic nanostructures. APL Materials, 2020, 8, .	2.2	88
14	Reconfigurable ferromagnetic liquid droplets. Science, 2019, 365, 264-267.	6.0	278
15	Generation and stability of structurally imprinted target skyrmions in magnetic multilayers. Applied Physics Letters, 2019, 115, .	1.5	14
16	Origin of enhanced anisotropy in FePt-C granular films revealed by XMCD. Applied Physics Letters, 2019, 114, .	1.5	2
17	X-ray ptychography on low-dimensional hard-condensed matter materials. Applied Physics Reviews, 2019, 6, 011306.	5.5	20
18	Magnetization reversal and local switching fields of ferromagnetic Co/Pd microtubes with radial magnetization. Physical Review B, 2019, 99, .	1.1	5

#	ARTICLE	IF	CITATIONS
19	Textured heterogeneity in square artificial spin ice. <i>Physical Review B</i> , 2019, 99, .	1.1	1
20	Hartmann characterization of the PEEM-3 aberration-corrected X-ray photoemission electron microscope. <i>Ultramicroscopy</i> , 2018, 188, 77-84.	0.8	4
21	Spatial and Temporal Correlations of $\langle i \rangle XY \langle /i \rangle$ Macro Spins. <i>Nano Letters</i> , 2018, 18, 7428-7434.	4.5	29
22	Experimental Evidence of Chiral Ferrimagnetism in Amorphous GdCo Films. <i>Advanced Materials</i> , 2018, 30, e1800199.	11.1	42
23	Magnetic Materials: Experimental Evidence of Chiral Ferrimagnetism in Amorphous GdCo Films (Adv.) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i>	11.1	49
24	Three-dimensional nanomagnetism. <i>Nature Communications</i> , 2017, 8, 15756.	5.8	398
25	Polarization driven conductance variations at charged ferroelectric domain walls. <i>Nanoscale</i> , 2017, 9, 10933-10939.	2.8	16
26	Nanosecond X-Ray Photon Correlation Spectroscopy on Magnetic Skyrmions. <i>Physical Review Letters</i> , 2017, 119, 067403.	2.9	51
27	Vortex circulation patterns in planar microdisk arrays. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	16
28	Vortex circulation and polarity patterns in closely packed cap arrays. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	23
29	Magnetism in curved geometries. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 363001.	1.3	263
30	Magnetically Patterned Rolled-Up Exchange Bias Tubes: A Paternoster for Superparamagnetic Beads. <i>ACS Nano</i> , 2016, 10, 8491-8498.	7.3	21
31	Reconfigurable large-area magnetic vortex circulation patterns. <i>Physical Review B</i> , 2015, 92, .	1.1	19
32	Magnetization dynamics of imprinted non-collinear spin textures. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	20
33	Manipulating Topological States by Imprinting Non-Collinear Spin Textures. <i>Scientific Reports</i> , 2015, 5, 8787.	1.6	38
34	Magnetic soft x-ray tomography of magnetic Swiss roll architectures. , 2015, , .		0
35	Retrieving spin textures on curved magnetic thin films with full-field soft X-ray microscopies. <i>Nature Communications</i> , 2015, 6, 7612.	5.8	108
36	Magnetic Microstructure of Rolled-Up Single-Layer Ferromagnetic Nanomembranes. <i>Advanced Materials</i> , 2014, 26, 316-323.	11.1	79

#	ARTICLE	IF	CITATIONS
37	Imaging of Buried 3D Magnetic Rolled-up Nanomembranes. Nano Letters, 2014, 14, 3981-3986.	4.5	34
38	Fuel-Free Locomotion of Janus Motors: Magnetically Induced Thermophoresis. ACS Nano, 2013, 7, 1360-1367.	7.3	167
39	Strain-mediated elastic coupling in magnetoelectric nickel/barium-titanate heterostructures. Physical Review B, 2013, 87, .	1.1	47
40	ROLLED-UP PERMALLOY NANOMEMBRANES WITH MULTIPLE WINDINGS. Spin, 2013, 03, 1340001.	0.6	20
41	Magnetically Capped Rolled-up Nanomembranes. Nano Letters, 2012, 12, 3961-3966.	4.5	50
42	Catalytic Janus Motors on Microfluidic Chip: Deterministic Motion for Targeted Cargo Delivery. ACS Nano, 2012, 6, 3383-3389.	7.3	354
43	Equilibrium magnetic states in individual hemispherical permalloy caps. Applied Physics Letters, 2012, 101, .	1.5	72
44	Magnetic vortices on closely packed spherically curved surfaces. Physical Review B, 2012, 85, .	1.1	52
45	Out-of-surface vortices in spherical shells. Physical Review B, 2012, 85, .	1.1	59
46	Printable Giant Magnetoresistive Devices. Advanced Materials, 2012, 24, 4518-4522.	11.1	74