

Levente RÃ³zsa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2134430/publications.pdf>

Version: 2024-02-01

33
papers

1,151
citations

471509

17
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

1387
citing authors

#	ARTICLE	IF	CITATIONS
1	Precursors of Majorana modes and their length-dependent energy oscillations probed at both ends of atomic Shiba chains. <i>Nature Nanotechnology</i> , 2022, 17, 384-389.	31.5	44
2	Coexistence of antiferromagnetism and superconductivity in Mn/Nb(110). <i>Physical Review B</i> , 2022, 105, .	3.2	12
3	High-resolution tunneling spin transport characteristics of topologically distinct magnetic skyrmionic textures from theoretical calculations. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 519, 167440.	2.3	1
4	Nutation in antiferromagnetic resonance. <i>Physical Review B</i> , 2021, 103, .	3.2	22
5	Spin-orbit coupling induced splitting of Yu-Shiba-Rusinov states in antiferromagnetic dimers. <i>Nature Communications</i> , 2021, 12, 2040.	12.8	48
6	Skyrmions as quasiparticles: Free energy and entropy. <i>Physical Review B</i> , 2021, 103, .	3.2	4
7	Skyrmion Dynamics at Finite Temperatures: Beyond Thiele's Equation. <i>Physical Review Letters</i> , 2021, 127, 047203.	7.8	26
8	Electronic and Magnetic Properties of Building Blocks of Mn and Fe Atomic Chains on Nb(110). <i>Nanomaterials</i> , 2021, 11, 1933.	4.1	7
9	Anisotropic non-split zero-energy vortex bound states in a conventional superconductor. <i>Applied Physics Reviews</i> , 2021, 8, .	11.3	12
10	Spin reorientation transition in an ultrathin Fe film on W(110) induced by Dzyaloshinsky-Moriya interactions. <i>Physical Review B</i> , 2020, 102, .	3.2	5
11	Temperature scaling of two-ion anisotropy in pure and mixed anisotropy systems. <i>Physical Review B</i> , 2020, 102, .	3.2	24
12	Long-range focusing of magnetic bound states in superconducting lanthanum. <i>Nature Communications</i> , 2020, 11, 4573.	12.8	19
13	Spin waves in skyrmionic structures with various topological charges. <i>Journal of Physics Condensed Matter</i> , 2020, 33, 054001.	1.8	6
14	Reduced thermal stability of antiferromagnetic nanostructures. <i>Physical Review B</i> , 2019, 100, .	3.2	11
15	Magnetism and in-gap states of 3d transition metal atoms on superconducting Re. <i>Npj Quantum Materials</i> , 2019, 4, .	5.2	29
16	Stochastic dynamics and pattern formation of geometrically confined skyrmions. <i>Communications Physics</i> , 2019, 2, .	5.3	24
17	Thermal skyrmion diffusion used in a reshuffler device. <i>Nature Nanotechnology</i> , 2019, 14, 658-661.	31.5	221
18	Inducing skyrmions in ultrathin Fe films by hydrogen exposure. <i>Nature Communications</i> , 2018, 9, 1571.	12.8	40

