

Nicolas Martin

List of Publications by Year in descending order

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31
papers

350
citations

759233

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31
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31
docs citations

31
times ranked

591
citing authors

#	ARTICLE	IF	CITATIONS
1	Reorientations, relaxations, metastabilities, and multidomains of skyrmion lattices. Physical Review B, 2017, 96, .	3.2	31
2	Magnetic properties of URu ₂ Si under uniaxial stress by neutron scattering. Physical Review B, 2011, 84, .	3.2	27
3	Magnetic ground state and spin fluctuations in MnGe chiral magnet as studied by muon spin rotation. Physical Review B, 2016, 93, .	3.2	26
4	Disorder and Quantum Spin Ice. Physical Review X, 2017, 7, .	8.9	26
5	Magnetovolume effect, macroscopic hysteresis, and moment collapse in the paramagnetic state of cubic MnGe under pressure. Physical Review B, 2016, 93, .	3.2	20
6	Neutron spin echo spectroscopy under 17 T magnetic field at RESEDA. EPJ Web of Conferences, 2015, 83, 03008.	0.3	19
7	Partial ordering and phase elasticity in the MnGe short-period helimagnet. Physical Review B, 2019, 99, .	3.2	18
8	Long-period helical structures and twist-grain boundary phases induced by chemical substitution in the chiral magnet. Physical Review B, 2017, 96, .	3.2	17
9	Neutron Larmor Diffraction study of the BaM ₂ (XO ₄) ₂ (M = Co, Ni); Tj ETQq1 1 0.784314 rgBT 0.4 15	1.0	15
10	On the resolution of a MIEZE spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 882, 11-16.	1.6	15
11	Evolution of magnetocrystalline anisotropies in Mn _{1-x} Co _x and Physical Review B, 2020, 101, .	3.2	15
12	Larmor diffraction measurement of the temperature dependence of lattice constants in CuGeO ₃ . Physica B: Condensed Matter, 2011, 406, 2333-2336.	2.7	13
13	Lifetime of Gapped Excitations in a Collinear Quantum Antiferromagnet. Physical Review Letters, 2012, 109, 097201.	7.8	12
14	CASCADE - a multi-layer Boron-10 neutron detection system. Journal of Physics: Conference Series, 2016, 746, 012003.	0.4	12
15	Spin textures induced by quenched disorder in a reentrant spin glass: Vortices versus frustrated skyrmions. Physical Review B, 2018, 98, .	3.2	12
16	Macroscopic Quantum Coherence of the Spin Triplet in the Spin-Ladder Compound Sr ₁₄ Cu ₂₄ O ₄₁ . Physical Review Letters, 2010, 105, 097202.	7.8	11
17	Anisotropic fractal magnetic domain pattern in bulk MnPt ₂ increasing skyrmion stability in Physical Review B, 2020, 102, .	3.2	11
18	Increasing skyrmion stability in Cu ₂ OsO ₃ by chemical substitution. Physical Review B, 2019, 100, .	3.2	9

#	ARTICLE	IF	CITATIONS
19	Onset of a skyrmion phase by chemical substitution in MnGe-based chiral magnets. Physical Review B, 2020, 101, .	3.2	8
20	Magnetic and atomic short range order in Fe $_{1-x}$ Cr $_x$ alloys. Physical Review B, 2019, 100, .	3.2	6
21	Neutron resonance spin flippers: Static coils manufactured by electrical discharge machining. Review of Scientific Instruments, 2014, 85, 073902.	1.3	5
22	Magnetic chirality of the spin triplet in the spin-ladder compound Sr $_{14}$ Cu $_{24}$ O $_{41}$ as seen via polarized inelastic neutron scattering. Physical Review B, 2011, 83, .	3.2	3
23	Suppression of the bulk high spin \leftrightarrow low spin transition by doping the chiral magnet MnGe. Physical Review B, 2019, 100, .	3.2	3
24	Effect of Trapped Magnetic Flux on Neutron Scattering in La $_{1.85}$ Sr $_{0.15}$ CuO $_4$ Superconductor. Journal of Superconductivity and Novel Magnetism, 2019, 32, 3797-3802.	1.8	3
25	Dualism of the f electrons and its relation to high-temperature antiferromagnetism in the heavy-fermion compound YbCoC $_2$. Physical	3.2	3
26	Isostructural transition coupled with spin ordering in CsCuCl $_3$. A spatially frustrated spiral crystal lattice. Physical Review B, 2009, 79, .	3.2	2
27	Polarized Neutron on URu $_2$ Si $_2$. Physics Procedia, 2013, 42, 4-9.	1.2	2
28	Magnetic structure of Mn $_{0.9}$ Fe $_{0.1}$ Ge compound under quasi-hydrostatic pressure. Journal of Alloys and Compounds, 2021, 862, 158606.	5.5	2
29	Field-induced vortex-like textures as a probe of the critical line in reentrant spin glasses. Scientific Reports, 2021, 11, 20753.	3.3	2
30	Development of a NRSE Spectrometer with the Help of McStas Application to the Design of Present and Future Instruments. Physics Procedia, 2013, 42, 116-120.	1.2	1
31	Pressure influence on the valence and magnetic state of Yb ions in noncentrosymmetric heavy-fermion YbNiC $_2$. Physical Review B, 2021, 103, .	3.2	1