

Simon Streib

List of Publications by Year in descending order

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14
papers

293
citations

1163117

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h-index

1058476

14
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14
all docs

14
docs citations

14
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnon-phonon interactions in magnetic insulators. Physical Review B, 2019, 99, .	3.2	73
2	Damping of Magnetization Dynamics by Phonon Pumping. Physical Review Letters, 2018, 121, 027202.	7.8	61
3	Angular momentum conservation and phonon spin in magnetic insulators. Physical Review B, 2020, 101, .	3.2	28
4	Magnetomechanical coupling and ferromagnetic resonance in magnetic nanoparticles. Physical Review B, 2017, 95, .	3.2	25
5	Difference between angular momentum and pseudoangular momentum. Physical Review B, 2021, 103, .	3.2	21
6	Majorana spin liquid and dimensional reduction in Cs CuCl_2 . Physical Review B, 2013, 88, .	3.2	19
7	Solution of the Anderson impurity model via the functional renormalization group. Physical Review B, 2013, 87, .	3.2	18
8	Dynamic magnetoelastic boundary conditions and the pumping of phonons. Physical Review B, 2021, 104, .	3.2	12
9	Equation of motion and the constraining field in <i>ab initio</i> spin dynamics. Physical Review B, 2020, 102, .	3.2	8
10	Exchange constants for local spin Hamiltonians from tight-binding models. Physical Review B, 2021, 103, .	3.2	8
11	Hard-core boson approach to the spin antiferromagnet at finite temperatures in magnetic fields higher than the saturation. Physical Review B, 2015, 92, .	3.2	7
12	Comment on "Proper and improper chiral magnetic interactions". Physical Review B, 2022, 105, .	3.2	6
13	Adiabatic spin dynamics and effective exchange interactions from constrained tight-binding electronic structure theory: Beyond the Heisenberg regime. Physical Review B, 2022, 105, .	3.2	4
14	Thermodynamics and renormalized quasiparticles in the vicinity of the dilute Bose gas quantum critical point in two dimensions. Physical Review B, 2017, 95, .	3.2	3