

François Konschelle

List of Publications by Year in descending order

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13
papers

390
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of the spin-galvanic effect and the anomalous phase shift $\langle \mathbf{m} \cdot \mathbf{t} \rangle$ in superconductors and Josephson junctions with intrinsic spin-orbit coupling. Physical Review B, 2015, 92, .	3.2	119
2	Magnetic Moment Manipulation by a Josephson Current. Physical Review Letters, 2009, 102, 017001.	7.8	113
3	Nonsinusoidal current-phase relation in strongly ferromagnetic and moderately disordered SFS junctions. Physical Review B, 2008, 78, .	3.2	31
4	Transport equations for superconductors in the presence of spin interaction. European Physical Journal B, 2014, 87, 1.	1.5	26
5	Anomalous fluctuation regimes at FFLO transition. Europhysics Letters, 2007, 79, 67001.	2.0	20
6	Self-sustained oscillations of a torsional SQUID resonator induced by Lorentz-force back-action. Nature Communications, 2013, 4, 1803.	12.8	17
7	Ballistic Josephson junctions in the presence of generic spin dependent fields. Physical Review B, 2016, 94, .	3.2	17
8	Long-range singlet proximity effect in ferromagnetic nanowires. Physical Review B, 2010, 82, .	3.2	16
9	Effects of nonequilibrium noise on a quantum memory encoded in Majorana zero modes. Physical Review B, 2013, 88, .	3.2	16
10	Semiclassical Quantization of Spinning Quasiparticles in Ballistic Josephson Junctions. Physical Review Letters, 2016, 116, 237002.	7.8	13
11	Oscillations of magnetization and conductivity in anisotropic Fulde-Ferrell-Larkin-Ovchinnikov superconductors. Physical Review B, 2009, 79, .	3.2	1
12	Superconducting fluctuations near the FFLO state. Journal of Physics: Conference Series, 2009, 150, 052121.	0.4	1
13	Electromotive interference in a mechanically oscillating superconductor: Generalized Josephson relations and self-sustained oscillations of a torsional SQUID. Europhysics Letters, 2015, 109, 68004.	2.0	0