Predrag NikoliÄ

List of Publications by Year
in descending order

22	352	933447 10	794594 19
papers	citations	h-index	g-index

22	22	22	393
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interaction Driven Subgap Spin Exciton in the Kondo Insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SmB</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2015, 114, 036401.	7.8	83
2	Weyl-mediated helical magnetism in NdAlSi. Nature Materials, 2021, 20, 1650-1656.	27.5	48
3	Screened moments and extrinsic in-gap states in samarium hexaboride. Nature Communications, 2018, 9, 1539.	12.8	31
4	Theory of the kagome lattice Ising antiferromagnet in weak transverse fields. Physical Review B, 2005, 71, .	3.2	26
5	In-gap collective mode spectrum of the topological Kondo insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">SmB</mml:mi></mml:mrow><mml:mn>6</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	3.2	22
6	Two-dimensional heavy fermions on the strongly correlated boundaries of Kondo topological insulators. Physical Review B, 2014, 90, .	3.2	22
7	Dynamics of local magnetic moments induced by itinerant Weyl electrons. Physical Review B, 2021, 103, .	3.2	16
8	Cooper pair insulators and theory of correlated superconductors. Physical Review B, 2011, 83, .	3.2	14
9	Disordered, spin liquid, and valence-bond ordered phases of kagome lattice quantum Ising models with transverse field andXXZdynamics. Physical Review B, 2005, 72, .	3.2	12
10	Fractional Topological Insulators of Cooper Pairs Induced by the Proximity Effect. Physical Review Letters, 2013, 110, 176804.	7.8	11
11	Mott-insulatorâ€“toâ€“superconductor transition in a two-dimensional superlattice. Physical Review A, 2015, 92, .	2.5	10
12	Quantum field theory of topological spin dynamics. Physical Review B, 2020, 102, .	3.2	9
13	Magnetic impurities in Kondo insulators: An application to samarium hexaboride. Physical Review B, 2020, 101, .	3.2	9
14	Interaction proximity effect at the interface between a superconductor and a topological insulator quantum well. Physical Review B, 2013, 87, .	3.2	7
15	Vortices and vortex states in Rashba spin-orbit-coupled condensates. Physical Review A, 2014, 90, .	2.5	7
16	Effective theory of fractional topological insulators in two spatial dimensions. Physical Review B, 2013, 87, .	3.2	6
17	Charge and spin fractionalization in strongly correlated topological insulators. Journal of Physics Condensed Matter, 2013, 25, 025602.	1.8	6
18	Pairing instabilities in topological insulator quantum wells. Physical Review B, 2013, 87, .	3.2	4

#	Article	IF	Citations
19	Topological orders of monopoles and hedgehogs: From electronic and magnetic spin-orbit coupling to quarks. Physical Review B, 2020, 101, .	3.2	4
20	Universal spin wave damping in magnetic Weyl semimetals. Physical Review B, 2021, 104, .	3.2	3
21	Vortex states in a non-Abelian magnetic field. Physical Review B, 2016, 94, .	3.2	2
22	Finite-momentum condensate brought on by a Zeeman field. Physical Review A, 2020, 102, .	2.5	0