

# Olga Petrova

## List of Publications by Year in descending order

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9  
papers

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#	ARTICLE	IF	CITATIONS
1	Coulomb potential $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle V \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle ( \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle r_2 \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$ on the Bethe lattice. Physical Review E, 2016, 93, 012115.		
2	Hydrogenic states of monopoles in diluted quantum spin ice. Physical Review B, 2015, 92, .	3.2	19
3	Projective symmetry of partons in the Kitaev honeycomb model. Physical Review B, 2015, 91, .	3.2	7
4	Unpaired Majorana modes on dislocations and string defects in Kitaev's honeycomb model. Physical Review B, 2014, 90, .	3.2	32
5	Unpaired Majorana modes in the gapped phase of Kitaev's honeycomb model. Physical Review B, 2013, 88, .	3.2	15
6	Dynamics of artificial spin ice: a continuous honeycomb network. New Journal of Physics, 2012, 14, 035022.	2.9	40
7	Spin waves in a skyrmion crystal. Physical Review B, 2011, 84, .	3.2	105
8	Reducing Disorder in Artificial Kagome Ice. Physical Review Letters, 2011, 107, 167201.	7.8	69
9	Dynamics of Magnetic Charges in Artificial Spin Ice. Physical Review Letters, 2010, 105, 187206.	7.8	83