

# Ville Lahtinen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4910235/publications.pdf>

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8  
papers

354  
citations

1307594  
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1588992  
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g-index

8  
all docs

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docs citations

8  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Short Introduction to Topological Quantum Computation. SciPost Physics, 2017, 3, .	4.9	142
2	Topological liquid nucleation induced by vortex-vortex interactions in Kitaev's honeycomb model. Physical Review B, 2012, 86, .	3.2	54
3	Interacting non-Abelian anyons as Majorana fermions in the honeycomb lattice model. New Journal of Physics, 2011, 13, 075009.	2.9	47
4	Perturbed vortex lattices and the stability of nucleated topological phases. Physical Review B, 2014, 89, .	3.2	38
5	Self-organized pseudo-graphene on grain boundaries in topological band insulators. Physical Review B, 2016, 93, .	3.2	32
6	Non-Abelian statistics as a Berry phase in exactly solvable models. New Journal of Physics, 2009, 11, 093027.	2.9	27
7	Hierarchy of exactly solvable spin-1/2 chains with $so(N)$ critical points. Physical Review B, 2014, 89, .	3.2	12
8	Quantum criticality in many-body parafermion chains. SciPost Physics Core, 2021, 4, .	2.8	2