

# Niklas Rohling

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3385634/publications.pdf>

Version: 2024-02-01

12  
papers

201  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of quantum entanglement and structure of the two-mode squeezed antiferromagnetic magnon vacuum. <i>Physical Review B</i> , 2022, 105, .	3.2	9
2	Evaluating Machine Learning Approaches for Discovering Optimal Sets of Projection Operators for Quantum State Tomography of Qubit Systems. <i>Cybernetics and Information Technologies</i> , 2020, 20, 61-73.	1.1	5
3	Superconductivity at metal-antiferromagnetic insulator interfaces. <i>Physical Review B</i> , 2019, 100, .	3.2	22
4	Optimal choice of state tomography quorum formed by projection operators. <i>Physical Review A</i> , 2019, 100, .	2.5	4
5	Superconductivity induced by interfacial coupling to magnons. <i>Physical Review B</i> , 2018, 97, .	3.2	23
6	Electrically driven Bose-Einstein condensation of magnons in antiferromagnets. <i>Physical Review B</i> , 2017, 95, .	3.2	20
7	Optimizing electrically controlled echo sequences for the exchange-only qubit. <i>Physical Review B</i> , 2016, 93, .	3.2	4
8	Hybrid Spin and Valley Quantum Computing with Singlet-Triplet Qubits. <i>Physical Review Letters</i> , 2014, 113, 176801.	7.8	33
9	Tomography scheme for two spin- $\frac{1}{2}$ qubits in a double quantum dot. <i>Physical Review B</i> , 2013, 88, .	3.2	12
10	Universal quantum computing with spin and valley states. <i>New Journal of Physics</i> , 2012, 14, 083008.	2.9	63
11	Optimization of electron pumping by harmonic mixing. <i>Physical Review B</i> , 2011, 83, .	3.2	5
12	Quantum state tomography as a numerical optimization problem. <i>New Journal of Physics</i> , 0, , .	2.9	1