

# Izak Snyman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9307723/publications.pdf>

Version: 2024-02-01

12  
papers

213  
citations

1163117

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1199594

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12  
docs citations

12  
times ranked

181  
citing authors

#	ARTICLE	IF	CITATIONS
1	A tunable Josephson platform to explore many-body quantum optics in circuit-QED. Npj Quantum Information, 2019, 5, .	6.7	59
2	Observation of quantum many-body effects due to zero point fluctuations in superconducting circuits. Nature Communications, 2019, 10, 5259.	12.8	32
3	Quasi-hermiticity and the Role of a Metric in Some Boson Hamiltonians. European Physical Journal D, 2004, 54, 1069-1073.	0.4	29
4	Robust Josephson-Kondo screening cloud in circuit quantum electrodynamics. Physical Review B, 2015, 92, .	3.2	24
5	Universal spatial correlations in the anisotropic Kondo screening cloud: Analytical insights and numerically exact results from a coherent state expansion. Physical Review B, 2015, 92, .	3.2	21
6	Advancing science in Africa. Nature Materials, 2007, 6, 793-793.	27.5	14
7	Few-body nature of Kondo correlated ground states. Physical Review B, 2021, 103, .	3.2	13
8	Spin-Boson Quantum Phase Transition in Multilevel Superconducting Qubits. Physical Review Letters, 2021, 127, 237702.	7.8	12
9	The Richardson Hamiltonian in the strong coupling limit: new results from an application of the non-unitary Dyson mapping. European Physical Journal D, 2005, 55, 1091-1098.	0.4	3
10	Efficient impurity-bath trial states from superposed Slater determinants. Physical Review B, 2021, 104, .	3.2	3
11	Microscopic bosonization of band structures: x-ray processes beyond the Fermi edge. New Journal of Physics, 2017, 19, 113031.	2.9	2
12	Zero-energy quasiparticles in an interacting nanowire containing a topological Josephson junction. Physical Review B, 2020, 102, .	3.2	1