

# Tim Menke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5844190/publications.pdf>

Version: 2024-02-01

9  
papers

1,635  
citations

1163117

8  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noisy intermediate-scale quantum algorithms. <i>Reviews of Modern Physics</i> , 2022, 94, .	45.6	521
2	Automated design of superconducting circuits and its application to 4-local couplers. <i>Npj Quantum Information</i> , 2021, 7, .	6.7	17
3	Quantum Computer-Aided Design: Digital Quantum Simulation of Quantum Processors. <i>Physical Review Applied</i> , 2021, 16, .	3.8	12
4	Resource-efficient digital quantum simulation of d-level systems for photonic, vibrational, and spin-s Hamiltonians. <i>Npj Quantum Information</i> , 2020, 6, .	6.7	74
5	Characterizing and Optimizing Qubit Coherence Based on SQUID Geometry. <i>Physical Review Applied</i> , 2020, 13, .	3.8	43
6	Team-Based Learning for Scientific Computing and Automated Experimentation: Visualization of Colored Reactions. <i>Journal of Chemical Education</i> , 2020, 97, 689-694.	2.3	15
7	Quantum Chemistry in the Age of Quantum Computing. <i>Chemical Reviews</i> , 2019, 119, 10856-10915.	47.7	748
8	Microscopy of the interacting Harperâ€“Hofstadter model in the two-body limit. <i>Nature</i> , 2017, 546, 519-523.	27.8	198
9	Reconfigurable re-entrant cavity for wireless coupling to an electro-optomechanical device. <i>Review of Scientific Instruments</i> , 2017, 88, 094701.	1.3	7