

Uri Vool

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/490372/publications.pdf>

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13
papers

1,490
citations

840776

11
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1655
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomously stabilized entanglement between two superconducting quantum bits. Nature, 2013, 504, 419-422.	27.8	267
2	Imaging viscous flow of the Dirac fluid in graphene. Nature, 2020, 583, 537-541.	27.8	213
3	Cavity-Assisted Quantum Bath Engineering. Physical Review Letters, 2012, 109, 183602.	7.8	180
4	Introduction to quantum electromagnetic circuits. International Journal of Circuit Theory and Applications, 2017, 45, 897-934.	2.0	177
5	The Magnetic Genome of Two-Dimensional van der Waals Materials. ACS Nano, 2022, 16, 6960-7079.	14.6	149
6	3-wave mixing Josephson dipole element. Applied Physics Letters, 2017, 110, .	3.3	121
7	Controlled release of multiphoton quantum states from a microwave cavity memory. Nature Physics, 2017, 13, 882-887.	16.7	101
8	Non-Poissonian Quantum Jumps of a Fluxonium Qubit due to Quasiparticle Excitations. Physical Review Letters, 2014, 113, 247001.	7.8	98
9	Imaging phonon-mediated hydrodynamic flow in WTe ₂ . Nature Physics, 2021, 17, 1216-1220.	16.7	72
10	Single-Photon-Resolved Cross-Kerr Interaction for Autonomous Stabilization of Photon-Number States. Physical Review Letters, 2015, 115, 180501.	7.8	63
11	High-energy quasiparticle injection into mesoscopic superconductors. Nature Nanotechnology, 2021, 16, 404-408.	31.5	37
12	Nuclear spin assisted magnetic field angle sensing. Npj Quantum Information, 2021, 7, .	6.7	11
13	Quantum reservoir engineering and single qubit cooling. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 424-429.	0.4	1