

# Vladimir Malinovsky

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2511421/publications.pdf>

Version: 2024-02-01

18  
papers

310  
citations

1307594

7  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Excitation of Vibrational States by Shaping of Light-Induced Potentials. <i>Physical Review Letters</i> , 2000, 85, 4241-4244.	7.8	72
2	Entanglement swapping of two arbitrarily degraded entangled states. <i>Physical Review A</i> , 2016, 94, .	2.5	28
3	Demonstration of diamond nuclear spin gyroscope. <i>Science Advances</i> , 2021, 7, eabl3840.	10.3	22
4	Momentum transfer using chirped standing-wave fields: Bragg scattering. <i>Physical Review A</i> , 2003, 68, .	2.5	14
5	Quantum repeaters based on two species trapped ions. <i>New Journal of Physics</i> , 2019, 21, 073002.	2.9	14
6	Robust optical readout and characterization of nuclear spin transitions in nitrogen-vacancy ensembles in diamond. <i>Physical Review Research</i> , 2020, 2, .	3.6	14
7	Quantum networking with short-range entanglement assistance. <i>Physical Review A</i> , 2021, 103, .	2.5	10
8	Extreme Spin Squeezing via Optimized One-Axis Twisting and Rotations. <i>Physical Review Applied</i> , 2022, 17, .	3.8	9
9	Modulation spectroscopy of Rydberg atoms in an optical lattice. <i>Physical Review A</i> , 2020, 101, .	2.5	7
10	Control defeasance by anti-alignment in the excited state. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 23620-23625.	2.8	4
11	Entanglement-enabled interferometry using telescopic arrays. <i>Journal of Modern Optics</i> , 2020, 67, 9-20.	1.3	4
12	Circularly polarized light-induced potentials and the demise of excited states. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 2966-2973.	2.8	4
13	Grid-Based Ehrenfest Model To Study Electronâ€™Nuclear Processes. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7171-7176.	2.5	3
14	Enhancement of entanglement concentration using catalysts. <i>Journal of Chemical Physics</i> , 2021, 154, 134108.	3.0	2
15	Probabilistic catalyzed entanglement concentration of qubit pairs. <i>Quantum Information Processing</i> , 2021, 20, 1.	2.2	2
16	Controllable entangled-state distribution in a dual-rail reconfigurable optical network. <i>Physical Review A</i> , 2021, 104, .	2.5	2
17	Broadcast of a restricted set of qubit and qutrit states. <i>Physical Review A</i> , 2022, 105, .	2.5	2
18	Average concurrence and entanglement swapping. <i>Physical Review A</i> , 2021, 104, .	2.5	1