

# Vahid Azimi Mousolou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6146320/publications.pdf>

Version: 2024-02-01

12  
papers

153  
citations

1478505

6  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Universal non-adiabatic holonomic gates in quantum dots and single-molecule magnets. <i>New Journal of Physics</i> , 2014, 16, 013029.	2.9	49
2	Electric nonadiabatic geometric entangling gates on spin qubits. <i>Physical Review A</i> , 2017, 96, .	2.5	28
3	Magnon-magnon entanglement and its quantification via a microwave cavity. <i>Physical Review B</i> , 2021, 104, .	3.2	19
4	Conceptual aspects of geometric quantum computation. <i>Quantum Information Processing</i> , 2016, 15, 3995-4011.	2.2	17
5	Realization of universal nonadiabatic geometric control on decoherence-free qubits in the XY model. <i>Europhysics Letters</i> , 2018, 121, 20004.	2.0	10
6	Universal non-adiabatic geometric manipulation of pseudo-spin charge qubits. <i>Europhysics Letters</i> , 2017, 117, 10006.	2.0	8
7	Scalable star-shaped architecture for universal spin-based nonadiabatic holonomic quantum computation. <i>Physical Review A</i> , 2018, 98, .	2.5	6
8	Hierarchy of magnon mode entanglement in antiferromagnets. <i>Physical Review B</i> , 2020, 102, .	3.2	6
9	Spin-electric Berry phase shift in triangular molecular magnets. <i>Physical Review B</i> , 2016, 94, .	3.2	3
10	Entangling power of holonomic gates in atom-based systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 475303.	2.1	3
11	Entanglement fidelity and measure of entanglement. <i>Quantum Information Processing</i> , 2020, 19, 1.	2.2	3
12	Non-Abelian off-diagonal geometric phases in nano-engineered four-qubit systems. <i>Europhysics Letters</i> , 2013, 103, 60011.	2.0	1