

Alberto Villois

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/563510/publications.pdf>

Version: 2024-02-01

8
papers

220
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency Comb Generation via Cascaded Second-Order Nonlinearities in Microresonators. Physical Review Letters, 2020, 124, 203902.	7.8	60
2	Universal and nonuniversal aspects of vortex reconnections in superfluids. Physical Review Fluids, 2017, 2, .	2.5	45
3	Soliton and quasi-soliton frequency combs due to second harmonic generation in microresonators. Optics Express, 2019, 27, 7098.	3.4	40
4	A vortex filament tracking method for the Gross-Pitaevskii model of a superfluid. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 415502.	2.1	33
5	Evolution of a superfluid vortex filament tangle driven by the Gross-Pitaevskii equation. Physical Review E, 2016, 93, 061103.	2.1	21
6	Irreversible Dynamics of Vortex Reconnections in Quantum Fluids. Physical Review Letters, 2020, 125, 164501.	7.8	17
7	Scattering of Line-Ring Vortices in a Superfluid. Journal of Low Temperature Physics, 2015, 180, 68-81.	1.4	4
8	Soliton Combs Generation Due to Parametric up and Down Conversion in a Microring Resonator with Quadratic Nonlinearity. , 2019, , .		0