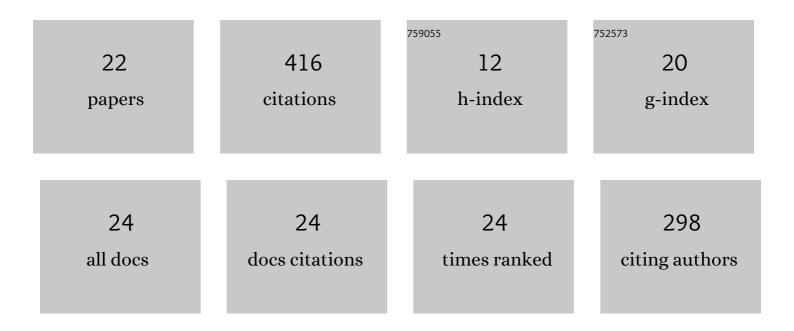
## Ievgen I Arkhipov

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/740580/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Generating high-order quantum exceptional points in synthetic dimensions. Physical Review A, 2021, 104, .	1.0	21
2	Continuous dissipative phase transitions with or without symmetry breaking. New Journal of Physics, 2021, 23, 122001.	1.2	13
3	Liouvillian spectral collapse in the Scully-Lamb laser model. Physical Review Research, 2021, 3, .	1.3	12
4	Universal non-Markovianity detection in hybrid open quantum systems. Scientific Reports, 2020, 10, 18258.	1.6	1
5	Liouvillian exceptional points of any order in dissipative linear bosonic systems: Coherence functions and switching between <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script"&gt;PT</mml:mi </mml:math> and anti- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"&gt;<mml:mi< td=""><td>1.0</td><td>39</td></mml:mi<></mml:math 	1.0	39
6	Hybrid-Liouvillian formalism connecting exceptional points of non-Hermitian Hamiltonians and Liouvillians via postselection of quantum trajectories. Physical Review A, 2020, 101, .	1.0	58
7	Quantum and semiclassical exceptional points of a linear system of coupled cavities with losses and gain within the Scully-Lamb laser theory. Physical Review A, 2020, 101, .	1.0	37
8	Characterization of Dephasing and Dissipating Effects in Hybrid Quantum Systems. , 2020, , .		0
9	Scully-Lamb quantum laser model for parity-time-symmetric whispering-gallery microcavities: Gain saturation effects and nonreciprocity. Physical Review A, 2019, 99, .	1.0	43
10	Enhancing entanglement detection of quantum optical frequency combs via stimulated emission. Scientific Reports, 2019, 9, 5090.	1.6	0
11	Experimental identification of non-classicality of noisy twin beams and other related two-mode states. Scientific Reports, 2018, 8, 1460.	1.6	6
12	Negativity volume of the generalized Wigner function as an entanglement witness for hybrid bipartite states. Scientific Reports, 2018, 8, 16955.	1.6	22
13	Localizable entanglement as a necessary resource of controlled quantum teleportation. Scientific Reports, 2018, 8, 15209.	1.6	21
14	Characterization of nonclassicality of Gaussian states initially generated in optical spontaneous parametric processes by means of induced stimulated emission. Physical Review A, 2018, 98, .	1.0	2
15	Complete identification of nonclassicality of Gaussian states via intensity moments. Physical Review A, 2018, 98, .	1.0	5
16	Nonclassicality and entanglement criteria for bipartite optical fields characterized by quadratic detectors. Physical Review A, 2017, 96, .	1.0	28
17	Experimental detection of nonclassicality of single-mode fields via intensity moments. Optics Express, 2016, 24, 29496.	1.7	15
18	Retrieving the covariance matrix of an unknown two-mode Gaussian state by means of a reference twin beam. Optics Communications, 2016, 375, 29-33.	1.0	3

IEVGEN I ARKHIPOV

#	Article	IF	CITATIONS
19	Interplay of nonclassicality and entanglement of two-mode Gaussian fields generated in optical parametric processes. Physical Review A, 2016, 94, .	1.0	26
20	Entanglement and nonclassicality in four-mode Gaussian states generated via parametric down-conversion and frequency up-conversion. Scientific Reports, 2016, 6, 33802.	1.6	4
21	Nonclassicality Invariant of General Two-Mode Gaussian States. Scientific Reports, 2016, 6, 26523.	1.6	31
22	Comparative study of nonclassicality, entanglement, and dimensionality of multimode noisy twin beams. Physical Review A, 2015, 91, .	1.0	29