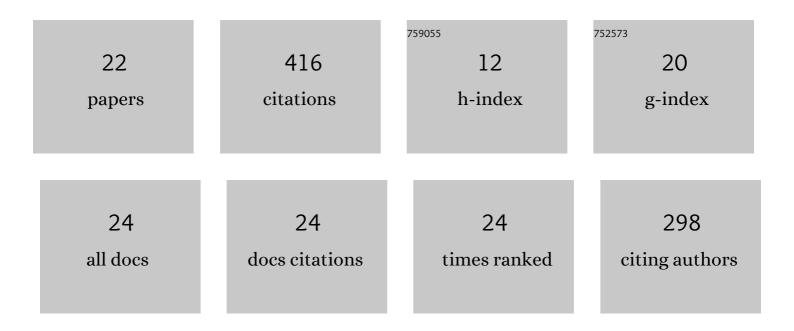
## Ievgen I Arkhipov

List of Publications by Year in descending order

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| #  | 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,<br>18258.  | 1.6 | 1         |
| 5  | Liouvillian exceptional points of any order in dissipative linear bosonic systems: Coherence functions<br>and switching between <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi<br>mathvariant="script"&gt;PT</mml:mi<br></mml:math> and anti- <mml:math<br>xmlns:mml="http://www.w3.org/1998/Math/MathML"&gt;<mml:mi< td=""><td>1.0</td><td>39</td></mml:mi<></mml:math<br> | 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.<br>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<br>states. Scientific Reports, 2018, 8, 16955.   | 1.6 | 22        |
| 13 | Localizable entanglement as a necessary resource of controlled quantum teleportation. Scientific<br>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         |

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| #  | 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        |