

# Dipankar Home

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5708840/publications.pdf>

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| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Sharing of Nonlocality of a Single Member of an Entangled Pair of Qubits Is Not Possible by More than Two Unbiased Observers on the Other Wing. Mathematics, 2016, 4, 48.                        | 2.2 | 48        |
| 2  | Wigner's form of the Leggett-Garg inequality, the no-signaling-in-time condition, and unsharp measurements. Physical Review A, 2015, 91, .   | 2.5 | 41        |
| 3  | Quantum mechanical violation of macrorealism for large spin and its robustness against coarse-grained measurements. Physical Review A, 2016, 94, .   | 2.5 | 14        |
| 4  | Bipartite qutrit local realist inequalities and the robustness of their quantum mechanical violation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3396-3404. | 2.1 | 9         |
| 5  | Loophole-Free Interferometric Test of Macrorealism Using Heralded Single Photons. PRX Quantum, 2022, 3, .  | 9.2 | 9         |
| 6  | Remote state preparation using correlations beyond discord. Physical Review A, 2018, 98, .   | 2.5 | 8         |
| 7  | Pearson correlation coefficient as a measure for certifying and quantifying high-dimensional entanglement. Physical Review A, 2020, 101, .   | 2.5 | 8         |
| 8  | Manifestation of pointer-state correlations in complex weak values of quantum observables. Physical Review A, 2016, 94, .  | 2.5 | 5         |
| 9  | Persistence of quantum violation of macrorealism for large spins even under coarsening of measurement times. Physical Review A, 2019, 100, .   | 2.5 | 4         |
| 10 | Revealing the quantitative relation between simultaneous correlations in complementary bases and quantum steering for two-qubit Bell diagonal states. Physical Review A, 2018, 98, .             | 2.5 | 1         |