

# Valerio Scarani

## List of Publications by Year in descending order

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Version: 2024-02-01

163  
papers

15,804  
citations

28190

55  
h-index

17055

122  
g-index

166  
all docs

166  
docs citations

166  
times ranked

5967  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | The security of practical quantum key distribution. <i>Reviews of Modern Physics</i> , 2009, 81, 1301-1350.   | 16.4 | 2,489     |
| 2  | Bell nonlocality. <i>Reviews of Modern Physics</i> , 2014, 86, 419-478.   | 16.4 | 1,792     |
| 3  | Device-Independent Security of Quantum Cryptography against Collective Attacks. <i>Physical Review Letters</i> , 2007, 98, 230501.  | 2.9  | 1,221     |
| 4  | Quantum Cryptography Protocols Robust against Photon Number Splitting Attacks for Weak Laser Pulse Implementations. <i>Physical Review Letters</i> , 2004, 92, 057901.                    | 2.9  | 582       |
| 5  | One-sided device-independent quantum key distribution: Security, feasibility, and the connection with steering. <i>Physical Review A</i> , 2012, 85, .                                    | 1.0  | 564       |
| 6  | Information causality as a physical principle. <i>Nature</i> , 2009, 461, 1101-1104.  | 13.7 | 545       |
| 7  | Quantum cloning. <i>Reviews of Modern Physics</i> , 2005, 77, 1225-1256.  | 16.4 | 482       |
| 8  | Device-independent quantum key distribution secure against collective attacks. <i>New Journal of Physics</i> , 2009, 11, 045021.  | 1.2  | 379       |
| 9  | Bell-Type Inequalities to Detect True-Body Nonseparability. <i>Physical Review Letters</i> , 2002, 88, 170405.  | 2.9  | 252       |
| 10 | Quantum Cryptography with Finite Resources: Unconditional Security Bound for Discrete-Variable Protocols with One-Way Postprocessing. <i>Physical Review Letters</i> , 2008, 100, 200501. | 2.9  | 249       |
| 11 | Thermalizing Quantum Machines: Dissipation and Entanglement. <i>Physical Review Letters</i> , 2002, 88, 097905.   | 2.9  | 237       |
| 12 | Fast and simple one-way quantum key distribution. <i>Applied Physics Letters</i> , 2005, 87, 194108.  | 1.5  | 229       |
| 13 | Entangling independent photons by time-measurement. <i>Nature Physics</i> , 2007, 3, 692-695.   | 6.5  | 221       |
| 14 | Testing the Dimension of Hilbert Spaces. <i>Physical Review Letters</i> , 2008, 100, 210503.  | 2.9  | 208       |
| 15 | Quantum Communication between N Partners and Bell's Inequalities. <i>Physical Review Letters</i> , 2001, 87, 117901.  | 2.9  | 202       |
| 16 | Security proof for quantum key distribution using qudit systems. <i>Physical Review A</i> , 2010, 82, .   | 1.0  | 186       |
| 17 | Direct Measurement of Superluminal Group Velocity and Signal Velocity in an Optical Fiber. <i>Physical Review Letters</i> , 2004, 93, 203902.   | 2.9  | 179       |
| 18 | Ultrafast Quantum Gates in Circuit QED. <i>Physical Review Letters</i> , 2012, 108, 120501.   | 2.9  | 170       |

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|----|--|-----|-----------|
| 19 | Reference-frame-independent quantum key distribution. <i>Physical Review A</i> , 2010, 82, .   | 1.0 | 163       |
| 20 | Quantum absorption refrigerator with trapped ions. <i>Nature Communications</i> , 2019, 10, 202.   | 5.8 | 157       |
| 21 | Experimentally Faking the Violation of Bell's Inequalities. <i>Physical Review Letters</i> , 2011, 107, 170404.  | 2.9 | 153       |
| 22 | Nonlocality of cluster states of qubits. <i>Physical Review A</i> , 2005, 71, .  | 1.0 | 148       |
| 23 | Bell correlations in a Bose-Einstein condensate. <i>Science</i> , 2016, 352, 441-444.  | 6.0 | 141       |
| 24 | Robust self-testing of the singlet. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012, 45, 455304.  | 0.7 | 128       |
| 25 | All pure bipartite entangled states can be self-tested. <i>Nature Communications</i> , 2017, 8, 15485.   | 5.8 | 122       |
| 26 | Spectral decomposition of Bell's operators for qubits. <i>Journal of Physics A</i> , 2001, 34, 6043-6053.  | 1.6 | 109       |
| 27 | Finite-key analysis for practical implementations of quantum key distribution. <i>New Journal of Physics</i> , 2009, 11, 045024.                                   | 1.2 | 108       |
| 28 | Coherent-pulse implementations of quantum cryptography protocols resistant to photon-number-splitting attacks. <i>Physical Review A</i> , 2004, 69, .              | 1.0 | 100       |
| 29 | Security of two quantum cryptography protocols using the same four qubit states. <i>Physical Review A</i> , 2005, 72, .  | 1.0 | 98        |
| 30 | Entanglement and non-locality are different resources. <i>New Journal of Physics</i> , 2005, 7, 88-88.   | 1.2 | 97        |
| 31 | Robust and Versatile Black-Box Certification of Quantum Devices. <i>Physical Review Letters</i> , 2014, 113, 040401.   | 2.9 | 96        |
| 32 | Detection Loophole in Asymmetric Bell Experiments. <i>Physical Review Letters</i> , 2007, 98, 220403.  | 2.9 | 95        |
| 33 | Quantum networks reveal quantum nonlocality. <i>Nature Communications</i> , 2011, 2, 184.  | 5.8 | 93        |
| 34 | Quantum non-locality based on finite-speed causal influences leads to superluminal signalling. <i>Nature Physics</i> , 2012, 8, 867-870.                           | 6.5 | 93        |
| 35 | Efficient excitation of a two-level atom by a single photon in a propagating mode. <i>Physical Review A</i> , 2011, 83, .  | 1.0 | 92        |
| 36 | Quantum randomness extraction for various levels of characterization of the devices. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 424028. | 0.7 | 92        |

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|----|---|-----|-----------|
| 37 | Device-independent state estimation based on Bell's inequalities. Physical Review A, 2009, 80, .  | 1.0 | 91        |
| 38 | Tailoring photonic entanglement in high-dimensional Hilbert spaces. Physical Review A, 2004, 69, .  | 1.0 | 87        |
| 39 | Bell Nonlocality. , 2019, , .   |     | 85        |
| 40 | Quantum Cloning with an Optical Fiber Amplifier. Physical Review Letters, 2002, 89, 107901.   | 2.9 | 84        |
| 41 | Experimental Falsification of Leggett's Nonlocal Variable Model. Physical Review Letters, 2007, 99, 210407.   | 2.9 | 84        |
| 42 | Fidelity of an Optical Memory Based on Stimulated Photon Echoes. Physical Review Letters, 2007, 98, 113601.   | 2.9 | 80        |
| 43 | Testing quantum correlations versus single-particle properties within Leggett's model and beyond. Nature Physics, 2008, 4, 681-685.   | 6.5 | 80        |
| 44 | Secrecy extraction from no-signaling correlations. Physical Review A, 2006, 74, .   | 1.0 | 76        |
| 45 | Two independent photon pairs versus four-photon entangled states in parametric down conversion. Journal of Modern Optics, 2004, 51, 1637-1649.                                | 0.6 | 75        |
| 46 | Optical Telecom Networks as Weak Quantum Measurements with Postselection. Physical Review Letters, 2003, 91, 180402.  | 2.9 | 73        |
| 47 | Geometry of the set of quantum correlations. Physical Review A, 2018, 97, .   | 1.0 | 71        |
| 48 | Phase Shift of a Weak Coherent Beam Induced by a Single Atom. Physical Review Letters, 2009, 103, 153601.   | 2.9 | 69        |
| 49 | More randomness from the same data. New Journal of Physics, 2014, 16, 033011.   | 1.2 | 67        |
| 50 | Recovering part of the boundary between quantum and nonquantum correlations from information causality. Physical Review A, 2009, 80, .  | 1.0 | 63        |
| 51 | Physical characterization of quantum devices from nonlocal correlations. Physical Review A, 2015, 91, .   | 1.0 | 62        |
| 52 | Device-Independent Certification of Entangled Measurements. Physical Review Letters, 2011, 107, 050502.   | 2.9 | 61        |
| 53 | Does entanglement depend on the timing of the impacts at the beam-splitters?. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 232, 9-14.           | 0.9 | 60        |
| 54 | The speed of quantum information and the preferred frame: analysis of experimental data. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 276, 1-7. | 0.9 | 59        |

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|----|---|------|-----------|
| 55 | Extremal correlations of the tripartite no-signaling polytope. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 065303.  | 0.7  | 59        |
| 56 | Autonomous rotor heat engine. Physical Review E, 2017, 95, 062131.  | 0.8  | 59        |
| 57 | Interfacing light and single atoms with a lens. New Journal of Physics, 2009, 11, 043011.   | 1.2  | 57        |
| 58 | Collisional Quantum Thermometry. Physical Review Letters, 2019, 123, 180602.  | 2.9  | 56        |
| 59 | Quantum key distribution between $N$ partners: Optimal eavesdropping and Bell's inequalities. Physical Review A, 2001, 65, .  | 1.0  | 55        |
| 60 | Upper bounds for the security of two distributed-phase reference protocols of quantum cryptography. New Journal of Physics, 2008, 10, 013031.   | 1.2  | 55        |
| 61 | The black paper of quantum cryptography: Real implementation problems. Theoretical Computer Science, 2014, 560, 27-32.  | 0.5  | 53        |
| 62 | Robust self-testing of the three-qubit $W$ state. Physical Review A, 2014, 90, .  | 1.0  | 53        |
| 63 | Publisher's Note: Bell nonlocality [Rev. Mod. Phys. <b>86</b> , 419 (2014)]. Reviews of Modern Physics, 2014, 86, 839-840.  | 16.4 | 53        |
| 64 | The microstructure of electrodeposited cobalt-based nanowires and its effect on their magnetic and transport properties. Journal of Magnetism and Magnetic Materials, 1999, 205, 241-248. | 1.0  | 50        |
| 65 | Device-Independent Bounds for Hardy's Experiment. Physical Review Letters, 2012, 109, 180401.   | 2.9  | 50        |
| 66 | Excitation of a Single Atom with Exponentially Rising Light Pulses. Physical Review Letters, 2013, 111, 103001.   | 2.9  | 50        |
| 67 | Device-independent quantum key distribution with random key basis. Nature Communications, 2021, 12, 2880.   | 5.8  | 49        |
| 68 | Finite-key security against coherent attacks in quantum key distribution. New Journal of Physics, 2010, 12, 123019.   | 1.2  | 48        |
| 69 | Effects of Reduced Measurement Independence on Bell-Based Randomness Expansion. Physical Review Letters, 2012, 109, 160404.   | 2.9  | 47        |
| 70 | Device-independent parallel self-testing of two singlets. Physical Review A, 2016, 93, .  | 1.0  | 47        |
| 71 | Refrigeration beyond weak internal coupling. Physical Review E, 2018, 98, 012131.   | 0.8  | 43        |
| 72 | All the self-testings of the singlet for two binary measurements. New Journal of Physics, 2016, 18, 025021.   | 1.2  | 41        |

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|----|--|-----|-----------|
| 73 | Work production of quantum rotor engines. <i>New Journal of Physics</i> , 2018, 20, 043045.  | 1.2 | 40        |
| 74 | Four-photon correction in two-photon Bell experiments. <i>European Physical Journal D</i> , 2005, 32, 129-138.   | 0.6 | 39        |
| 75 | Rabi oscillation in a quantum cavity: Markovian and non-Markovian dynamics. <i>Physical Review A</i> , 2016, 93, .   | 1.0 | 39        |
| 76 | Randomness Extraction from Bell Violation with Continuous Parametric Down-Conversion. <i>Physical Review Letters</i> , 2018, 121, 150402.  | 2.9 | 39        |
| 77 | Nonequilibrium dynamics with finite-time repeated interactions. <i>Physical Review E</i> , 2019, 99, 042103.   | 0.8 | 38        |
| 78 | Experimental quantum key distribution based on a Bell test. <i>Physical Review A</i> , 2008, 78, .   | 1.0 | 37        |
| 79 | Photon-number-splitting versus cloning attacks in practical implementations of the Bennett-Brassard 1984 protocol for quantum cryptography. <i>Physical Review A</i> , 2005, 71, . | 1.0 | 31        |
| 80 | Solving the scattering of $N$ photons on a two-level atom without computation. <i>New Journal of Physics</i> , 2016, 18, 093035.   | 1.2 | 30        |
| 81 | BELL'S INEQUALITIES DETECT EFFICIENT ENTANGLEMENT. <i>International Journal of Quantum Information</i> , 2004, 02, 23-31.  | 0.6 | 29        |
| 82 | Multipartite fully nonlocal quantum states. <i>Physical Review A</i> , 2010, 81, .   | 1.0 | 29        |
| 83 | Large violation of Bell inequalities using both particle and wave measurements. <i>Physical Review A</i> , 2011, 84, .   | 1.0 | 29        |
| 84 | Information-causality and extremal tripartite correlations. <i>New Journal of Physics</i> , 2012, 14, 013061.  | 1.2 | 28        |
| 85 | Macroscopically local correlations can violate information causality. <i>Nature Communications</i> , 2010, 1, 136.   | 5.8 | 27        |
| 86 | Nonlocality Tests Enhanced by a Third Observer. <i>Physical Review Letters</i> , 2012, 108, 040402.  | 2.9 | 27        |
| 87 | Covert Quantum Communication. <i>Physical Review Letters</i> , 2016, 117, 250503.  | 2.9 | 27        |
| 88 | Witnessing Irreducible Dimension. <i>Physical Review Letters</i> , 2017, 119, 080401.  | 2.9 | 27        |
| 89 | Bell's inequalities and distillability in $N$ -quantum-bit systems. <i>Physical Review A</i> , 2002, 66, .   | 1.0 | 26        |
| 90 | Focus on device independent quantum information. <i>New Journal of Physics</i> , 2016, 18, 100202.   | 1.2 | 26        |

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|-----|---|-----|-----------|
| 91  | Bell tests with min-entropy sources. <i>Physical Review A</i> , 2013, 87, .   | 1.0 | 25        |
| 92  | Introducing quantum mechanics: One-particle interferences. <i>American Journal of Physics</i> , 1998, 66, 718-721.  | 0.3 | 24        |
| 93  | Magnetic and transport properties of electrodeposited nanostructured nanowires. <i>IEEE Transactions on Magnetism</i> , 1998, 34, 968-972.                    | 1.2 | 24        |
| 94  | Simulation of partial entanglement with nonsignaling resources. <i>Physical Review A</i> , 2008, 78, .  | 1.0 | 24        |
| 95  | Measurement-device-independent quantification of entanglement for given Hilbert space dimension. <i>New Journal of Physics</i> , 2016, 18, 045022.            | 1.2 | 24        |
| 96  | Rectification of light in the quantum regime. <i>Physical Review A</i> , 2015, 92, .  | 1.0 | 23        |
| 97  | Quantum and classical dynamics of a three-mode absorption refrigerator. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 1, 37.                     | 0.0 | 23        |
| 98  | Maxwell's Lesser Demon: A Quantum Engine Driven by Pointer Measurements. <i>Physical Review Letters</i> , 2020, 124, 100603.                                  | 2.9 | 22        |
| 99  | Cross time-bin photonic entanglement for quantum key distribution. <i>Physical Review A</i> , 2013, 87, .   | 1.0 | 20        |
| 100 | Fluctuation theorems from Bayesian retrodiction. <i>Physical Review E</i> , 2021, 103, 052111.  | 0.8 | 20        |
| 101 | Security Bounds for Quantum Cryptography with Finite Resources. <i>Lecture Notes in Computer Science</i> , 2008, , 83-95.                                     | 1.0 | 19        |
| 102 | Local and nonlocal content of bipartite qubit and qutrit correlations. <i>Physical Review A</i> , 2008, 77, .   | 1.0 | 18        |
| 103 | Realistic loophole-free Bell test with atom-photon entanglement. <i>Nature Communications</i> , 2013, 4, 2104.  | 5.8 | 18        |
| 104 | Superluminal influences, hidden variables, and signaling. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002, 295, 167-174.    | 0.9 | 16        |
| 105 | Quantum memory with a single two-level atom in a half cavity. <i>Physical Review A</i> , 2012, 85, .  | 1.0 | 16        |
| 106 | A new device-independent dimension witness and its experimental implementation. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 305301. | 0.7 | 16        |
| 107 | PSEUDO-TELEPATHY: INPUT CARDINALITY AND BELL-TYPE INEQUALITIES. <i>International Journal of Quantum Information</i> , 2007, 05, 525-534.                      | 0.6 | 15        |
| 108 | Fluctuation theorems with retrodiction rather than reverse processes. <i>AVS Quantum Science</i> , 2021, 3, .   | 1.8 | 15        |

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|-----|--|-----|-----------|
| 109 | Randomness in post-selected events. <i>New Journal of Physics</i> , 2016, 18, 035007.  | 1.2 | 14        |
| 110 | Violation of Bell's inequalities and distillability for N qubits. <i>Journal of Physics A</i> , 2003, 36, L21-L29.   | 1.6 | 13        |
| 111 | Feats, Features and Failures of the PR-box. <i>AIP Conference Proceedings</i> , 2006, , .  | 0.3 | 13        |
| 112 | TOMOGRAPHIC QUANTUM CRYPTOGRAPHY PROTOCOLS ARE REFERENCE FRAME INDEPENDENT. <i>International Journal of Quantum Information</i> , 2012, 10, 1250035.                 | 0.6 | 13        |
| 113 | Two photons on an atomic beam splitter: Nonlinear scattering and induced correlations. <i>Physical Review A</i> , 2016, 93, .  | 1.0 | 13        |
| 114 | Superluminal hidden communication as the underlying mechanism for quantum correlations: constraining models. <i>Brazilian Journal of Physics</i> , 2005, 35, 328.    | 0.7 | 12        |
| 115 | The non-locality of noisy Popescu-Rohrlich boxes. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 465305.                                      | 0.7 | 12        |
| 116 | Surpassing the thermal Cram r-Rao bound with collisional thermometry. <i>Physical Review A</i> , 2020, 102, .  | 1.0 | 11        |
| 117 | Two independent photon pairs versus four-photon entangled states in parametric down conversion. , 0, .   |     | 11        |
| 118 | <sup>59</sup> Co nuclear magnetic resonance studies of magnetic excitations in ferromagnetic nanowires. <i>Applied Physics Letters</i> , 2000, 76, 903-905.          | 1.5 | 10        |
| 119 | Local content of bipartite qubit correlations. <i>Physical Review A</i> , 2010, 81, .  | 1.0 | 10        |
| 120 | Quantum Bell inequalities from macroscopic locality. <i>Physical Review A</i> , 2011, 83, .  | 1.0 | 10        |
| 121 | Nonlocal games and optimal steering at the boundary of the quantum set. <i>Physical Review A</i> , 2016, 94, .   | 1.0 | 10        |
| 122 | Lenses as an atom-photon interface: A semiclassical model. <i>Optics Communications</i> , 2011, 284, 4485-4490.  | 1.0 | 9         |
| 123 | Strong Constraints on Models that Explain the Violation of Bell Inequalities with Hidden Superluminal Influences. <i>Foundations of Physics</i> , 2014, 44, 523-531. | 0.6 | 9         |
| 124 | Proposal for Energy-Time Entanglement of Quasiparticles in a Solid-State Device. <i>Physical Review Letters</i> , 2004, 92, 167901.                                  | 2.9 | 8         |
| 125 | Bell-type inequalities for nonlocal resources. <i>Journal of Mathematical Physics</i> , 2006, 47, 112101.  | 0.5 | 8         |
| 126 | State-dependent atomic excitation by multiphoton pulses propagating along two spatial modes. <i>Physical Review A</i> , 2012, 86, .                                  | 1.0 | 8         |



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|-----|--|------|-----------|
| 127 | Device-independent certification of the teleportation of a qubit. <i>Physical Review A</i> , 2013, 88, .   | 1.0  | 8         |
| 128 | State complexity and quantum computation. <i>Annalen Der Physik</i> , 2015, 527, 684-700.  | 0.9  | 8         |
| 129 | Power of an optical Maxwell's demon in the presence of photon-number correlations. <i>Physical Review A</i> , 2017, 95, .  | 1.0  | 8         |
| 130 | Experimental comparison of tomography and self-testing in certifying entanglement. <i>Physical Review A</i> , 2019, 100, .   | 1.0  | 8         |
| 131 | Extension of the Alberti-Ullmann criterion beyond qubit dichotomies. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 4, 233.                                    | 0.0  | 7         |
| 132 | Guaranteed randomness. <i>Nature</i> , 2010, 464, 988-989.   | 13.7 | 6         |
| 133 | Comment on "Loophole-Free Bell Test for Continuous Variables via Wave and Particle Correlations"; <i>Physical Review Letters</i> , 2011, 106, 208901; author reply 208902. | 2.9  | 6         |
| 134 | Validity of resonant two-qubit gates in the ultrastrong coupling regime of circuit quantum electrodynamics. <i>Physica Scripta</i> , 2012, T147, 014031.                   | 1.2  | 6         |
| 135 | Many-box locality. <i>Physical Review A</i> , 2017, 96, .  | 1.0  | 6         |
| 136 | Self-testing using only marginal information. <i>Physical Review A</i> , 2018, 98, .   | 1.0  | 6         |
| 137 | Evaluation of two different entanglement measures on a bound entangled state. <i>Physical Review A</i> , 2010, 82, .   | 1.0  | 5         |
| 138 | Time-bin entanglement of quasiparticles in semiconductor devices. <i>Physical Review B</i> , 2011, 84, .   | 1.1  | 5         |
| 139 | Oblivious transfer and quantum channels as communication resources. <i>Natural Computing</i> , 2013, 12, 13-17.  | 1.8  | 4         |
| 140 | Measurement-dependent locality beyond independent and identically distributed runs. <i>Physical Review A</i> , 2016, 94, .   | 1.0  | 4         |
| 141 | Experimental many-pairs nonlocality. <i>Physical Review A</i> , 2017, 96, .  | 1.0  | 4         |
| 142 | Almost thermal operations: Inhomogeneous reservoirs. <i>Physical Review A</i> , 2019, 100, .   | 1.0  | 4         |
| 143 | Quantum gears from planar rotors. <i>Physical Review E</i> , 2019, 99, 042202.   | 0.8  | 4         |
| 144 | Entanglement and irreversibility in the approach to thermal equilibrium. <i>European Physical Journal: Special Topics</i> , 2007, 151, 41-49.                              | 1.2  | 3         |

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|-----|--|-----|-----------|
| 145 | Reply to "Lorentz and CPT invariances and the EPR correlations" by Costa de Beauregard. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 236, 605-606. | 0.9 | 2         |
| 146 | Finite-key analysis for practical implementations of quantum key distribution. New Journal of Physics, 2009, 11, 109801-109801.  | 1.2 | 2         |
| 147 | Analysis of a proposal for a realistic loophole-free Bell test with atom-light entanglement. Physical Review A, 2013, 88, .  | 1.0 | 2         |
| 148 | Maximal tree size of few-qubit states. Physical Review A, 2014, 89, .  | 1.0 | 2         |
| 149 | Proposal for monitoring and heralding position states of atoms in a one-dimensional waveguide. Physical Review A, 2014, 90, .  | 1.0 | 2         |
| 150 | Knowledge by direct measurement versus inference from steering. Quantum Studies: Mathematics and Foundations, 2020, 7, 247-254.  | 0.4 | 2         |
| 151 | Entanglement for any definition of two subsystems. Physical Review A, 2021, 103, .   | 1.0 | 2         |
| 152 | Worst-case Quantum Hypothesis Testing with Separable Measurements. Quantum - the Open Journal for Quantum Science, 0, 4, 320.  | 0.0 | 2         |
| 153 | Effect of oxidation of cobalt-based nanowires on NMR spin-lattice relaxation. Applied Magnetic Resonance, 2000, 19, 439-445.   | 0.6 | 1         |
| 154 | Oblivious Transfer and Quantum Channels. , 0, , .  |     | 1         |
| 155 | Tree-size complexity of multiqubit states. Physical Review A, 2013, 88, .  | 1.0 | 1         |
| 156 | How Non-Local are n Noisy Popescu-Rohrlich Machines?. , 2009, , .  |     | 0         |
| 157 | Excitation of a single atom with a temporally shaped light pulses. , 2013, , .   |     | 0         |
| 158 | Publisher's Note: Nonlocal games and optimal steering at the boundary of the quantum set [Phys. Rev. A94, 022116 (2016)]. Physical Review A, 2016, 94, .                         | 1.0 | 0         |
| 159 | Quantum Rotor Engines. Fundamental Theories of Physics, 2018, , 227-245.   | 0.1 | 0         |
| 160 | Optimal single-shot discrimination of optical modes. Physical Review A, 2021, 103, .   | 1.0 | 0         |
| 161 | Absolutely entangled sets of pure states for bipartitions and multipartitions. Physical Review A, 2021, 104, .   | 1.0 | 0         |
| 162 | The Universe Would Not Be Perfect Without Randomness: A Quantum Physicist's Reading of Aquinas. The Frontiers Collection, 2017, , 167-174.                                       | 0.1 | 0         |

| #   | ARTICLE  | IF | CITATIONS |
|-----|--|----|-----------|
| 163 | Randomness extraction from CHSH violation without fair sampling assumptions with a continuous wave source. , 2018, , . |    | 0         |