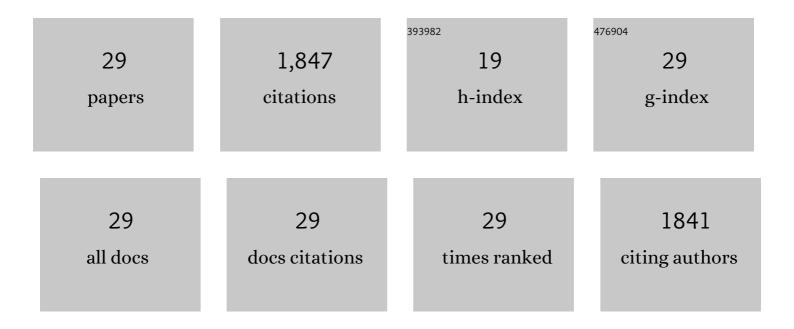
Vincenzo D'Ambrosio

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Integrated quantum polariton interferometry. Communications Physics, 2022, 5, . | 2.0 | 6 |
| 2 | Ultra-sensitive measurement of transverse displacements with linear photonic gears. Nature Communications, 2022, 13, 1080. | 5.8 | 16 |
| 3 | Slow thermo-optomechanical pulsations in suspended one-dimensional photonic crystal nanocavities. Physical Review A, 2020, 102, . | 1.0 | 2 |
| 4 | Hyperentanglement in structured quantum light. Physical Review Research, 2020, 2, . | 1.3 | 15 |
| 5 | Tunable Two-Photon Quantum Interference of Structured Light. Physical Review Letters, 2019, 122, 013601. | 2.9 | 23 |
| 6 | Experimental Study of Nonclassical Teleportation Beyond Average Fidelity. Physical Review Letters, 2018, 121, 140501. | 2.9 | 9 |
| 7 | Symmetry Protection of Photonic Entanglement in the Interaction with a Single Nanoaperture. Physical Review Letters, 2018, 121, 173901. | 2.9 | 18 |
| 8 | Single-Photon Quantum Contextuality on a Chip. ACS Photonics, 2017, 4, 2807-2812. | 3.2 | 16 |
| 9 | Experimental investigation on the geometry of GHZ states. Scientific Reports, 2017, 7, 13265. | 1.6 | 16 |
| 10 | Entangled vector vortex beams. Physical Review A, 2016, 94, . | 1.0 | 63 |
| 11 | Birth and evolution of an optical vortex. Optics Express, 2016, 24, 16390. | 1.7 | 16 |
| 12 | Testing noncontextuality inequalities that are building blocks of quantum correlations. Physical Review A, 2015, 92, . | 1.0 | 14 |
| 13 | Thermally reconfigurable quantum photonic circuits at telecom wavelength by femtosecond laser micromachining. Light: Science and Applications, 2015, 4, e354-e354. | 7.7 | 103 |
| 14 | Arbitrary, direct and deterministic manipulation of vector beams via electrically-tuned q-plates. Scientific Reports, 2015, 5, 7840. | 1.6 | 30 |
| 15 | Resilience of hybrid optical angular momentum qubits to turbulence. Scientific Reports, 2015, 5, 8424. | 1.6 | 23 |
| 16 | Storage and retrieval of vector beams of light in a multiple-degree-of-freedom quantum memory. Nature Communications, 2015, 6, 7706. | 5.8 | 214 |
| 17 | Generation of tunable entanglement and violation of a Bell-like inequality between different degrees of freedom of a single photon. Physical Review A, 2014, 90, . | 1.0 | 23 |
| 18 | Device-Independent Certification of High-Dimensional Quantum Systems. Physical Review Letters, 2014, 112, 140503. | 2.9 | 33 |

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Free-Space Quantum Key Distribution by Rotation-Invariant Twisted Photons. Physical Review Letters, 2014, 113, 060503. | 2.9 | 331 |
| 20 | Experimental Entanglement Activation from Discord in a Programmable Quantum Measurement. Physical Review Letters, 2014, 112, 140501. | 2.9 | 42 |
| 21 | Photonic polarization gears for ultra-sensitive angular measurements. Nature Communications, 2013, 4, 2432. | 5.8 | 257 |
| 22 | Test of mutually unbiased bases for six-dimensional photonic quantum systems. Scientific Reports, 2013, 3, 2726. | 1.6 | 35 |
| 23 | Experimental Implementation of a Kochen-Specker Set of Quantum Tests. Physical Review X, 2013, 3, . | 2.8 | 49 |
| 24 | Complete experimental toolbox for alignment-free quantum communication. Nature Communications, 2012, 3, 961. | 5.8 | 264 |
| 25 | Experimental Observation of Impossible-to-Beat Quantum Advantage on a Hybrid Photonic System. Physical Review Letters, 2012, 108, 090501. | 2.9 | 28 |
| 26 | Testing sequential quantum measurements: how can maximal knowledge be extracted?. Scientific Reports, 2012, 2, 443. | 1.6 | 19 |
| 27 | Deterministic qubit transfer between orbital and spin angular momentum of single photons. Optics Letters, 2012, 37, 172. | 1.7 | 26 |
| 28 | Hybrid ququart-encoded quantum cryptography protected by Kochen-Specker contextuality. Physical Review A, 2011, 84, . | 1.0 | 42 |
| 29 | Photon spin-to-orbital angular momentum conversion via an electrically tunable q-plate. Applied | 1.5 | 114 |