

Luis L Sanchez-Soto

List of Publications by Year in descending order

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267
papers

4,664
citations

109137

35
h-index

168136

53
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267
all docs

267
docs citations

267
times ranked

2279
citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving the ultimate optical resolution. <i>Optica</i> , 2016, 3, 1144.	4.8	146
2	Phase-difference operator. <i>Physical Review A</i> , 1993, 48, 4702-4708.	1.0	139
3	Entangled-State Lithography: Tailoring Any Pattern with a Single State. <i>Physical Review Letters</i> , 2001, 86, 4516-4519.	2.9	132
4	Multiparameter quantum metrology of incoherent point sources: Towards realistic superresolution. <i>Physical Review A</i> , 2017, 96, .	1.0	106
5	Roadmap on quantum light spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 072002.	0.6	101
6	Complete Characterization of Arbitrary Quantum Measurement Processes. <i>Physical Review Letters</i> , 1999, 83, 3573-3576.	2.9	92
7	Method of small rotations and effective Hamiltonians in nonlinear quantum optics. <i>Physical Review A</i> , 2000, 61, .	1.0	90
8	The transfer matrix: A geometrical perspective. <i>Physics Reports</i> , 2012, 513, 191-227.	10.3	85
9	Radial quantum number of Laguerre-Gauss modes. <i>Physical Review A</i> , 2014, 89, .	1.0	84
10	Experimental Realization of Quantum Tomography of Photonic Qudits via Symmetric Informationally Complete Positive Operator-Valued Measures. <i>Physical Review X</i> , 2015, 5, .	2.8	78
11	Structure of the sets of mutually unbiased bases for N qubits. <i>Physical Review A</i> , 2005, 72, .	1.0	74
12	Multicomplementary operators via finite Fourier transform. <i>Journal of Physics A</i> , 2005, 38, 2747-2760.	1.6	69
13	Optimal measurements for resolution beyond the Rayleigh limit. <i>Optics Letters</i> , 2017, 42, 231.	1.7	69
14	Quantum-Limited Time-Frequency Estimation through Mode-Selective Photon Measurement. <i>Physical Review Letters</i> , 2018, 121, 090501.	2.9	68
15	Experimental investigation of high-dimensional quantum key distribution protocols with twisted photons. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 2, 111.	0.0	63
16	Quantum phase difference, phase measurements and stokes operators. <i>Progress in Optics</i> , 2000, 41, 421-481.	0.4	60
17	Wavefront sensing reveals optical coherence. <i>Nature Communications</i> , 2014, 5, 3275.	5.8	60
18	Geometrical approach to mutually unbiased bases. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 3987-3998.	0.7	52

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19	A quantum description of the beam splitter. Quantum and Semiclassical Optics: Journal of the European Optical Society Part B, 1995, 7, 153-160.	1.0	51
20	Quantum degrees of polarization. Optics Communications, 2010, 283, 4440-4447.	1.0	51
21	Distance-based degrees of polarization for a quantum field. Physical Review A, 2005, 72, .	1.0	50
22	Comparing omnidirectional reflection from periodic and quasiperiodic one-dimensional photonic crystals. Optics Express, 2005, 13, 3913.	1.7	44
23	Chapter 7 The discrete Wigner function. Progress in Optics, 2008, 51, 469-516.	0.4	44
24	Single-particle nonlocality and entanglement with the vacuum. Physical Review A, 2001, 64, .	1.0	43
25	Tempering Rayleigh's curse with PSF shaping. Optica, 2018, 5, 1177.	4.8	42
26	Quantum Reconstruction of an Intense Polarization Squeezed Optical State. Physical Review Letters, 2007, 99, 220401.	2.9	40
27	Quantum polarization properties of two-mode energy eigenstates. Physical Review A, 2005, 71, .	1.0	39
28	Quantum concepts in optical polarization. Advances in Optics and Photonics, 2021, 13, 1.	12.1	39
29	Achieving the Ultimate Quantum Timing Resolution. PRX Quantum, 2021, 2, .	3.5	39
30	Extremal quantum states and their Majorana constellations. Physical Review A, 2015, 92, .	1.0	38
31	Simple factorization of unitary transformations. Physical Review A, 2018, 97, .	1.0	38
32	Optimal measurements for quantum spatial superresolution. Physical Review A, 2018, 98, .	1.0	38
33	Fully relativistic-like formulation of multilayer optics. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1999, 16, 2013.	0.8	37
34	Effective Hamiltonians in quantum optics: a systematic approach. Journal of Modern Optics, 2002, 49, 2211-2226.	0.6	37
35	Orbital angular momentum in phase space. Annals of Physics, 2011, 326, 426-439.	1.0	37
36	Adaptive Compressive Tomography with No <i>a</i> Priori Information. Physical Review Letters, 2019, 122, 100404.	2.9	36

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37	Quantum polarization tomography of bright squeezed light. <i>New Journal of Physics</i> , 2012, 14, 085002.	1.2	35
38	Quantum Fisher information with coherence. <i>Optica</i> , 2019, 6, 1437.	4.8	35
39	Probability distributions for the phase difference. <i>Physical Review A</i> , 1996, 53, 495-501.	1.0	34
40	Quantum metrology at the limit with extremal Majorana constellations. <i>Optica</i> , 2017, 4, 1429.	4.8	34
41	Unraveling beam self-healing. <i>Optics Express</i> , 2017, 25, 19147.	1.7	34
42	Population trapping in the Jaynes-Cummings model via phase coupling. <i>Physical Review A</i> , 1990, 42, 2851-2857.	1.0	33
43	Complementarity Enforced by Random Classical Phase Kicks. <i>Physical Review Letters</i> , 1998, 81, 4031-4035.	2.9	32
44	Anti-Zeno effect in parametric down-conversion. <i>Physical Review A</i> , 1998, 57, 781-787.	1.0	32
45	Quantum phases of a qutrit. <i>Journal of Physics A</i> , 2004, 37, 4097-4106.	1.6	32
46	Quantum Stokes parameters and phase difference operator. <i>Optics Communications</i> , 1994, 105, 84-88.	1.0	31
47	Mutually unbiased bases and discrete Wigner functions. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007, 24, 371.	0.9	31
48	Discrete phase-space structure of n-qubit mutually unbiased bases. <i>Annals of Physics</i> , 2009, 324, 53-72.	1.0	30
49	Lossless multilayers and Lorentz transformations: more than an analogy. <i>Optics Communications</i> , 1999, 162, 1-6.	1.0	29
50	Master equations for effective Hamiltonians. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2003, 5, 34-39.	1.4	29
51	Suppression of spontaneous emission by squeezed light in a cavity. <i>Physical Review A</i> , 1991, 44, 1948-1955.	1.0	28
52	Discrete coherent and squeezed states of many-qudit systems. <i>Physical Review A</i> , 2009, 80, .	1.0	27
53	Assessing the Polarization of a Quantum Field from Stokes Fluctuations. <i>Physical Review Letters</i> , 2010, 105, 153602.	2.9	27
54	Mimicking a Kerrlike medium in the dispersive regime of second-harmonic generation. <i>Optics Communications</i> , 2001, 191, 419-426.	1.0	26

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55	Mutually unbiased bases and generalized Bell states. <i>Physical Review A</i> , 2009, 79, .	1.0	26
56	Stars of the quantum Universe: extremal constellations on the Poincaré sphere. <i>Physica Scripta</i> , 2015, 90, 108008.	1.2	26
57	Population trapping in two-level models: Spectral and statistical properties. <i>Physical Review A</i> , 1991, 44, 3317-3324.	1.0	25
58	Phase properties of light propagating in a Kerr medium: Stokes parameters versus Pegg-Barnett predictions. <i>Physical Review A</i> , 1995, 51, 1634-1643.	1.0	25
59	Geometrical setting for the classification of multilayers. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2002, 19, 985.	0.8	25
60	Informational completeness of continuous-variable measurements. <i>Physical Review A</i> , 2012, 86, .	1.0	25
61	Multipolar hierarchy of efficient quantum polarization measures. <i>Physical Review A</i> , 2013, 88, .	1.0	25
62	Experimental test of uncertainty relations for quantum mechanics on a circle. <i>Physical Review A</i> , 2008, 77, .	1.0	24
63	Extremal quantum states. <i>AVS Quantum Science</i> , 2020, 2, .	1.8	24
64	Subwavelength lithography over extended areas. <i>Physical Review A</i> , 2001, 64, .	1.0	23
65	Understanding multilayers from a geometrical viewpoint. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2002, 19, 603.	0.8	23
66	Minimum Uncertainty Measurements of Angle and Angular Momentum. <i>Physical Review Letters</i> , 2006, 97, 243601.	2.9	23
67	Optimal quantum tomography of permutationally invariant qubits. <i>Physical Review A</i> , 2013, 87, .	1.0	22
68	Time-multiplexed measurements of nonclassical light at telecom wavelengths. <i>Physical Review A</i> , 2014, 90, .	1.0	22
69	Local Sampling of the Wigner Function at Telecom Wavelength with Loss-Tolerant Detection of Photon Statistics. <i>Physical Review Letters</i> , 2016, 116, 133601.	2.9	22
70	Objective compressive quantum process tomography. <i>Physical Review A</i> , 2020, 101, .	1.0	22
71	A simple optical demonstration of geometric phases from multilayer stacks: The Wigner angle as an anholonomy. <i>Journal of Modern Optics</i> , 2001, 48, 21-34.	0.6	21
72	The quantum vacuum at the foundations of classical electrodynamics. <i>Applied Physics B: Lasers and Optics</i> , 2010, 100, 9-13.	1.1	21

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73	QED with a parabolic mirror. <i>Physical Review A</i> , 2013, 88, .	1.0	21
74	Experimental violation of a Bell-like inequality with optical vortex beams. <i>New Journal of Physics</i> , 2015, 17, 113046.	1.2	21
75	Influence of coating thickness on the performance of a Fabry-Pérot interferometer. <i>Applied Optics</i> , 1991, 30, 4126.	2.1	20
76	Optical performance of absorber structures for thermal detectors. <i>Applied Optics</i> , 1994, 33, 5137.	2.1	20
77	Analytic approximation to the interaction of a two-level atom with squeezed light. <i>Physical Review A</i> , 1989, 40, 3743-3749.	1.0	19
78	Simple trace criterion for classification of multilayers. <i>Optics Letters</i> , 2001, 26, 1400.	1.7	19
79	Optimizing omnidirectional reflection by multilayer mirrors. <i>Journal of Optics</i> , 2004, 6, 127-131.	1.5	19
80	Universal Compressive Characterization of Quantum Dynamics. <i>Physical Review Letters</i> , 2020, 124, 210401.	2.9	19
81	Multimode quantum analysis of an interferometer with moving mirrors. <i>Physical Review A</i> , 1992, 45, 8228-8234.	1.0	18
82	Relative phase for a quantum field interacting with a two-level system. <i>Physical Review A</i> , 1997, 56, 994-1006.	1.0	18
83	Origin of the Thomas rotation that arises in lossless multilayers. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1999, 16, 2786.	0.8	18
84	Full quantum reconstruction of vortex states. <i>Physical Review A</i> , 2008, 78, .	1.0	18
85	Breaking the standard quantum limit for interferometric measurements. <i>Optics Communications</i> , 1992, 89, 140-144.	1.0	17
86	Robust stationary entanglement of two coupled qubits in independent environments. <i>European Physical Journal D</i> , 2011, 61, 199-205.	0.6	17
87	Reading out Fisher information from the zeros of the point spread function. <i>Optics Letters</i> , 2019, 44, 3114.	1.7	17
88	Alternative derivation of the Pegg-Barnett phase operator. <i>Physical Review A</i> , 1993, 47, 1492-1496.	1.0	16
89	Non-negative Wigner functions for orbital angular momentum states. <i>Physical Review A</i> , 2010, 81, .	1.0	16
90	Central-moment description of polarization for quantum states of light. <i>Physical Review A</i> , 2012, 85, .	1.0	16

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91	Quantum versus classical polarization states: when multipoles count. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 104011.	0.6	16
92	The many facets of the Fabry-Pérot. European Journal of Physics, 2016, 37, 064001.	0.3	16
93	Adaptive compressive tomography: A numerical study. Physical Review A, 2019, 100, .	1.0	16
94	Nonclassical states of light and canonical transformations. Journal of Physics A, 1991, 24, 2083-2092.	1.6	15
95	On the concept of absorption for a Fabry-Pérot interferometer. American Journal of Physics, 1996, 64, 156-163.	0.3	15
96	Degrees of polarization for a quantum field. Journal of Physics: Conference Series, 2006, 36, 177-182.	0.3	15
97	Quantum polarization characterization and tomography. New Journal of Physics, 2012, 14, 115014.	1.2	15
98	Evading Vacuum Noise: Wigner Projections or Husimi Samples?. Physical Review Letters, 2016, 117, 070801.	2.9	15
99	Intrinsic Sensitivity Limits for Multiparameter Quantum Metrology. Physical Review Letters, 2021, 127, 110501.	2.9	15
100	Wigner function for SU(1,1). Quantum - the Open Journal for Quantum Science, 0, 4, 317.	0.0	15
101	Canonical transformations to action and phase-angle variables and phase operators. Physical Review A, 1993, 48, 752-757.	1.0	14
102	Fresnel formulas as Lorentz transformations. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2000, 17, 1475.	0.8	14
103	A complementarity-based approach to phase in finite-dimensional quantum systems. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, 283-287.	1.4	14
104	Capacitance of Josephson junctions made on bicrystalline substrates of different geometries. Physical Review B, 2005, 71, .	1.1	14
105	Quantum Reconstruction of the Mutual Coherence Function. Physical Review Letters, 2010, 105, 010401.	2.9	14
106	A sum rule for charged elementary particles. European Physical Journal D, 2013, 67, 1.	0.6	14
107	Optical resolution from Fisher information. European Physical Journal Plus, 2016, 131, 1.	1.2	14
108	Neural-network quantum state tomography. Physical Review A, 2022, 106, .	1.0	14

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109	Multilayer optics as an analog computer for testing special relativity. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 262, 18-26.	0.9	13
110	Unpolarized states and hidden polarization. Physical Review A, 2014, 90, .	1.0	13
111	Conditional generation of field states in parametric down-conversion. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 244, 211-216.	0.9	12
112	Basic factorization for multilayers. Optics Letters, 2001, 26, 370.	1.7	12
113	Characterizing the reflectance of periodic layered media. Optics Communications, 2003, 218, 43-47.	1.0	12
114	General unit-disk representation for periodic multilayers. Optics Letters, 2003, 28, 1501.	1.7	12
115	Effective damping in the Raman cooling of trapped ions. Optics Communications, 2004, 230, 393-400.	1.0	12
116	Vector-like representation of one-dimensional scattering. European Journal of Physics, 2005, 26, 469-480.	0.3	12
117	Full Tomography from Compatible Measurements. Physical Review Letters, 2009, 103, 250402.	2.9	12
118	Symmetric discrete coherent states for n -qubits. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 244014.	0.7	12
119	Nonlinear cross-Kerr quasiclassical dynamics. New Journal of Physics, 2013, 15, 043038.	1.2	12
120	Omnidirectional reflection from generalized Fibonacci quasicrystals. Optics Express, 2013, 21, 30039.	1.7	12
121	Sizing up entanglement in mutually unbiased bases with Fisher information. Physical Review A, 2013, 88, .	1.0	12
122	Invisibility and PT Symmetry: A Simple Geometrical Viewpoint. Symmetry, 2014, 6, 396-408.	1.1	12
123	Intensity-Based Axial Localization at the Quantum Limit. Physical Review Letters, 2019, 123, 193601.	2.9	12
124	Rotation sensing at the ultimate limit. JPhys Photonics, 2021, 3, 022008.	2.2	12
125	Universal compressive tomography in the time-frequency domain. Optica, 2021, 8, 1296.	4.8	12
126	Reply to "Comment on "Phase-difference operator". Physical Review A, 1995, 51, 861-863.	1.0	11

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127	Quantum theory of rotation angles: The problem of angle sum and angle difference. European Physical Journal D, 1998, 3, 195-200.	0.6	11
128	Applications of entangled-state interference. , 2002, , .		11
129	Description of entanglement in terms of quantum phase. Physical Review A, 2002, 66, .	1.0	11
130	Effects of coherence on temporal resolution. Physical Review Research, 2021, 3, .	1.3	11
131	On the definition of absorption for a Fabry-Perot interferometer. Journal of Optics, 1992, 1, 219-226.	0.5	10
132	Generation of sub-Poissonian and squeezed fields in the thermal superposition Jaynes-Cummings model. Physical Review A, 1995, 51, 2450-2458.	1.0	10
133	Dynamical analysis of seemingly interaction-free measurements. Physical Review A, 1998, 58, 836-839.	1.0	10
134	Measuring quantum input-output processes: phase-space representation of transformations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 261, 12-16.	0.9	10
135	Unbalanced homodyne detection with a weak local oscillator. Optics Communications, 2000, 175, 153-161.	1.0	10
136	Quantum phase-space description of light polarization. Optics Communications, 2006, 258, 210-218.	1.0	10
137	Efficient algorithm for optimizing data-pattern tomography. Physical Review A, 2014, 89, .	1.0	10
138	Parsing polarization squeezing into Fock layers. Physical Review A, 2016, 93, .	1.0	10
139	Benchmarking quantum tomography completeness and fidelity with machine learning. New Journal of Physics, 2021, 23, 103021.	1.2	10
140	Mode Transformation Properties and Quantum Limits for a Fabry-Perot Interferometer. Journal of Modern Optics, 1991, 38, 971-985.	0.6	9
141	Absorbing beam splitter in a Michelson interferometer. Applied Optics, 1995, 34, 7834.	2.1	9
142	Randomization of quantum relative phase in welcher Weg measurements. Journal of Optics B: Quantum and Semiclassical Optics, 1999, 1, 668-677.	1.4	9
143	Maximally polarized states for quantum light fields. Physical Review A, 2007, 76, .	1.0	9
144	Correlations in emitters coupled to plasmonic waveguides. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 224022.	0.6	9

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145	Fundamental quantum limits in ellipsometry. <i>Optics Letters</i> , 2020, 45, 4607.	1.7	9
146	Phase and statistical properties of multiphoton states. <i>Journal of the European Optical Society Part B: Quantum Optics</i> , 1993, 5, 33-41.	1.2	8
147	Dynamics of a two-level atom observed via an interaction-free measurement. <i>Physical Review A</i> , 1999, 60, 56-62.	1.0	8
148	Variations on the adiabatic invariance: The Lorentz pendulum. <i>American Journal of Physics</i> , 2013, 81, 57-62.	0.3	8
149	Compressively Certifying Quantum Measurements. <i>PRX Quantum</i> , 2020, 1, .	3.5	8
150	Density-sensitive allowed and forbidden dielectronic satellite line profiles in laser-produced plasmas. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1989, 22, 199-210.	0.6	7
151	Collective resonance fluorescence in a strongly squeezed vacuum. <i>Optics Communications</i> , 1990, 77, 26-30.	1.0	7
152	A quasiclassical analysis of second-harmonic generation. <i>Journal of Physics A</i> , 1995, 28, 3439-3451.	1.6	7
153	Reflected fringes in a Fabry-Perot interferometer with absorbing coatings. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1995, 12, 132.	0.8	7
154	Quantum dynamics of the relative phase in second-harmonic generation. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2000, 2, 33-40.	1.4	7
155	Optical multilayers as a tool for visualizing special relativity. <i>European Journal of Physics</i> , 2001, 22, 39-51.	0.3	7
156	Comprehensive theory of the relative phase in atom-field interactions. <i>Physical Review A</i> , 2001, 63, .	1.0	7
157	Integral merit function for broadband omnidirectional mirrors. <i>Applied Optics</i> , 2007, 46, 2903.	2.1	7
158	Quantum light depolarization: The phase-space perspective. <i>Physical Review A</i> , 2008, 77, .	1.0	7
159	Superiority of heterodyning over homodyning: An assessment with quadrature moments. <i>Physical Review A</i> , 2017, 95, .	1.0	7
160	Taming singularities of the quantum Fisher information. <i>International Journal of Quantum Information</i> , 2021, 19, .	0.6	7
161	Response of a Fabry-Perot interferometer to temporal and spatial finite pulses. <i>Journal of Optics</i> , 1986, 17, 59-64.	0.3	6
162	Trapping in the multiphoton Jaynes-Cummings model. <i>Optics Communications</i> , 1990, 80, 67-70.	1.0	6

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163	Quantum atom-field relative phase in the Jaynes-Cummings model. Optics Communications, 1997, 133, 159-164.	1.0	6
164	Two-photon imaging and quantum holography. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, S478-S482.	1.4	6
165	Simple quantum model for light depolarization. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 126.	0.9	6
166	Frequency analysis of the dielectric constant of YBa ₂ Cu ₃ O ₇ Josephson junctions fabricated on bicrystalline substrates. Physical Review B, 2006, 74, .	1.1	6
167	DISCRETE COHERENT STATES FOR n QUBITS. International Journal of Quantum Information, 2009, 07, 17-25.	0.6	6
168	Depolarization for quantum channels with higher symmetries. Physica Scripta, 2010, T140, 014009.	1.2	6
169	Graph states in phase space. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 215303.	0.7	6
170	Classical distinguishability as an operational measure of polarization. Physical Review A, 2014, 90, .	1.0	6
171	Coarse graining the phase space of N qubits. Physical Review A, 2017, 95, .	1.0	6
172	QED Response of the Vacuum. Physics, 2020, 2, 14-21.	0.5	6
173	Hyperbolic reflections as fundamental building blocks for multilayer optics. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2003, 20, 1812.	0.8	5
174	Vectorlike representation of multilayers. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 2386.	0.8	5
175	Escher-like quasiperiodic heterostructures. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 192002.	0.7	5
176	Angular performance measure for tighter uncertainty relations. Physical Review A, 2010, 81, .	1.0	5
177	Geometrical interpretation of optical absorption. Physical Review A, 2011, 84, .	1.0	5
178	Orbital angular momentum from marginals of quadrature distributions. Physical Review A, 2013, 88, .	1.0	5
179	Structure of the sets of mutually unbiased bases with cyclic symmetry. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 455303.	0.7	5
180	Efficient tomography with unknown detectors. Quantum Science and Technology, 2017, 2, 035003.	2.6	5

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181	Modern compressive tomography for quantum information science. International Journal of Quantum Information, 2021, 19, .	0.6	5
182	Influence of field dynamics on Rabi oscillations: Beyond the standard semiclassical Jaynes-Cummings model. Journal of Modern Optics, 1999, 46, 639-655.	0.6	4
183	Atom-field resonant interaction without exchange of photons. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 252, 130-136.	0.9	4
184	Fresnel coefficients as hyperbolic rotations. European Journal of Physics, 2002, 23, 1-9.	0.3	4
185	Measurable entanglement criterion for two qubits. Physical Review A, 2003, 68, .	1.0	4
186	Capacitive Properties of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ Grain Boundary Josephson Junctions Fabricated on 45° [100] Tilt Asymmetric and 24° [001] Tilt Symmetric Bicrystals. IEEE Transactions on Applied Superconductivity, 2005, 15, 169-172.	1.1	4
187	Geometrical aspects of first-order optical systems. Journal of Optics, 2005, 7, 451-456.	1.5	4
188	MULTIPARTITE QUANTUM SYSTEMS: PHASES DO MATTER AFTER ALL. International Journal of Modern Physics B, 2006, 20, 1877-1884.	1.0	4
189	Nonclassical correlations in superconducting circuits. Physica Status Solidi (B): Basic Research, 2009, 246, 1013-1017.	0.7	4
190	Complementarity and phases in $SU(3)$. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 244030.	0.7	4
191	Geometrical aspects of $\langle \text{invariant transfer matrices} \rangle$. Physical Review A, 2013, 87, .	1.0	4
192	Discrete phase-space structures and Wigner functions for N qubits. Quantum Information Processing, 2017, 16, 1.	1.0	4
193	The Wigner flow on the sphere. Physica Scripta, 2019, 94, 044001.	1.2	4
194	$SU(1, 1)$ covariant s-parametrized maps. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 065301.	0.7	4
195	Axial superlocalization with vortex beams. Quantum Science and Technology, 2021, 6, 025021.	2.6	4
196	Compressed sensing of twisted photons. Optics Express, 2019, 27, 17426.	1.7	4
197	Observation of concentrating paraxial beams. OSA Continuum, 2020, 3, 2387.	1.8	4
198	From polarization multipoles to higher-order coherences. Optics Letters, 2022, 47, 477.	1.7	4

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199	Recurrence relations of radial integrals for screened Coulomb excitations in plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 1991, 24, 5183-5186.	0.6	3
200	Method for coating optimization in a Fabry-Pérot interferometer. Applied Optics, 1993, 32, 4282.	2.1	3
201	Squeezing in the Thermal Jaynes-Cummings Model. Journal of Modern Optics, 1995, 42, 569-578.	0.6	3
202	Luis and Sánchez-Soto Reply:. Physical Review Letters, 2000, 84, 2041-2041.	2.9	3
203	Phase states for a three-level atom interacting with quantum fields. Physical Review A, 2003, 67, .	1.0	3
204	Perfect antireflection via negative refraction. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 349, 281-284.	0.9	3
205	Assessing approximate broadband omnidirectional antireflection. Optics Communications, 2007, 270, 116-120.	1.0	3
206	Geometric picture of optical complementary media. European Journal of Physics, 2008, 29, 431-437.	0.3	3
207	Nondiffracting beams for vortex tomography. Optics Letters, 2010, 35, 2064.	1.7	3
208	Generation of entangled matter qubits in two opposing parabolic mirrors. Physical Review A, 2014, 90, .	1.0	3
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210	On the Prospects of Multiport Devices for Photon-Number-Resolving Detection. Quantum Reports, 2019, 1, 162-180.	0.6	3
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