

Luis L Sanchez-Soto

List of Publications by Year in descending order

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267
papers

4,664
citations

109321

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267
docs citations

267
times ranked

2279
citing authors

#	ARTICLE	IF	CITATIONS
1	From polarization multipoles to higher-order coherences. <i>Optics Letters</i> , 2022, 47, 477.	3.3	4
2	On the Ray-Wavefront Duality. <i>Symmetry</i> , 2022, 14, 478.	2.2	0
3	Quantumness beyond entanglement: The case of symmetric states. <i>Physical Review A</i> , 2022, 105, .	2.5	3
4	Neural-network quantum state tomography. <i>Physical Review A</i> , 2022, 106, .	2.5	14
5	SU(1, 1) covariant s-parametrized maps. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 065301.	2.1	4
6	Resolving partially coherent ultrafast pulses at the quantum limit. , 2021, , .		0
7	Randomized Compressive State Tomography in Time and Frequency Using a Quantum Pulse Gate. , 2021, , .		0
8	Quantum concepts in optical polarization. <i>Advances in Optics and Photonics</i> , 2021, 13, 1.	25.5	39
9	Axial superlocalization with vortex beams. <i>Quantum Science and Technology</i> , 2021, 6, 025021.	5.8	4
10	Rotation sensing at the ultimate limit. <i>JPhys Photonics</i> , 2021, 3, 022008.	4.6	12
11	Temporal Resolution of Partially Coherent Sources. , 2021, , .		0
12	Randomized Compressive State Tomography with No A-priori Information Using a Quantum Pulse Gate in Time and Frequency. , 2021, , .		0
13	Effects of coherence on temporal resolution. <i>Physical Review Research</i> , 2021, 3, .	3.6	11
14	When quantum state tomography benefits from willful ignorance. <i>New Journal of Physics</i> , 2021, 23, 073033.	2.9	2
15	Benchmarking quantum tomography completeness and fidelity with machine learning. <i>New Journal of Physics</i> , 2021, 23, 103021.	2.9	10
16	Modern compressive tomography for quantum information science. <i>International Journal of Quantum Information</i> , 2021, 19, .	1.1	5
17	Intrinsic Sensitivity Limits for Multiparameter Quantum Metrology. <i>Physical Review Letters</i> , 2021, 127, 110501.	7.8	15
18	Universal compressive tomography in the time-frequency domain. <i>Optica</i> , 2021, 8, 1296.	9.3	12

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19	Achieving the Ultimate Quantum Timing Resolution. PRX Quantum, 2021, 2, .	9.2	39
20	Taming singularities of the quantum Fisher information. International Journal of Quantum Information, 2021, 19, .	1.1	7
21	Time-Frequency Randomized Compressive Tomography Using a Quantum Pulse Gate. , 2021, , .		0
22	R&D advances for quantum communication systems. , 2020, , 495-563.		1
23	Editorial for the Special Issue "Selected Papers from the 16th International Conference on Squeezed States and Uncertainty Relations (ICSSUR 2019)". Quantum Reports, 2020, 2, 450-452.	1.3	0
24	Extremal quantum states. AVS Quantum Science, 2020, 2, .	4.9	24
25	Quasiprobability currents on the sphere. Physical Review A, 2020, 101, .	2.5	3
26	Universal Compressive Characterization of Quantum Dynamics. Physical Review Letters, 2020, 124, 210401.	7.8	19
27	Objective compressive quantum process tomography. Physical Review A, 2020, 101, .	2.5	22
28	QED Response of the Vacuum. Physics, 2020, 2, 14-21.	1.4	6
29	Roadmap on quantum light spectroscopy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 072002.	1.5	101
30	Compressively Certifying Quantum Measurements. PRX Quantum, 2020, 1, .	9.2	8
31	Fundamental quantum limits in ellipsometry. Optics Letters, 2020, 45, 4607.	3.3	9
32	Observation of concentrating paraxial beams. OSA Continuum, 2020, 3, 2387.	1.8	4
33	Experimental Demonstration of Multi-Parameter Estimation at the Ultimate Quantum Limit. , 2020, , .		0
34	Non-Euclidean symmetries of first-order optical systems. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 225.	1.5	0
35	Adaptive compressive tomography: A numerical study. Physical Review A, 2019, 100, .	2.5	16
36	Intensity-Based Axial Localization at the Quantum Limit. Physical Review Letters, 2019, 123, 193601.	7.8	12

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37	On the Prospects of Multiport Devices for Photon-Number-Resolving Detection. Quantum Reports, 2019, 1, 162-180.	1.3	3
38	Adaptive Compressive Tomography with No <i>a priori</i> Information. Physical Review Letters, 2019, 122, 100404.	7.8	36
39	The Wigner flow on the sphere. Physica Scripta, 2019, 94, 044001.	2.5	4
40	Compressed sensing of twisted photons. Optics Express, 2019, 27, 17426.	3.4	4
41	Reading out Fisher information from the zeros of the point spread function. Optics Letters, 2019, 44, 3114.	3.3	17
42	Quantum Fisher information with coherence. Optica, 2019, 6, 1437.	9.3	35
43	Quantum-limited time-frequency estimation through mode-resolved measurements. , 2019, , .		0
44	Simple factorization of unitary transformations. Physical Review A, 2018, 97, .	2.5	38
45	The Geometrical Basis of ?? Symmetry. Symmetry, 2018, 10, 494.	2.2	1
46	Tomography from collective measurements. Quantum Information Processing, 2018, 17, 1.	2.2	3
47	Optimal measurements for quantum spatial superresolution. Physical Review A, 2018, 98, .	2.5	38
48	Quantum-Limited Time-Frequency Estimation through Mode-Selective Photon Measurement. Physical Review Letters, 2018, 121, 090501.	7.8	68
49	Tempering Rayleigh's curse with PSF shaping. Optica, 2018, 5, 1177.	9.3	42
50	Optical Super-Resolution at the Quantum Limit. , 2018, , .		0
51	Discrete phase-space structures and Wigner functions for N qubits. Quantum Information Processing, 2017, 16, 1.	2.2	4
52	Coarse graining the phase space of N qubits. Physical Review A, 2017, 95, .	2.5	6
53	Joint measurement of complementary observables in moment tomography. International Journal of Quantum Information, 2017, 15, 1740002.	1.1	0
54	Efficient tomography with unknown detectors. Quantum Science and Technology, 2017, 2, 035003.	5.8	5

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55	Multiparameter quantum metrology of incoherent point sources: Towards realistic superresolution. <i>Physical Review A</i> , 2017, 96, .	2.5	106
56	Superiority of heterodyning over homodyning: An assessment with quadrature moments. <i>Physical Review A</i> , 2017, 95, .	2.5	7
57	Progress toward optimal quantum tomography with unbalanced homodyning. <i>Physical Review A</i> , 2017, 96, .	2.5	2
58	Extracting the physical sector of quantum states. <i>New Journal of Physics</i> , 2017, 19, 093008.	2.9	1
59	Quantum metrology at the limit with extremal Majorana constellations. <i>Optica</i> , 2017, 4, 1429.	9.3	34
60	Unraveling beam self-healing. <i>Optics Express</i> , 2017, 25, 19147.	3.4	34
61	Lempel-Ziv Complexity of Photonic Quasicrystals. <i>Crystals</i> , 2017, 7, 183.	2.2	1
62	Quantum field theory and classical optics: determining the fine structure constant. <i>Journal of Physics: Conference Series</i> , 2017, 793, 012017.	0.4	2
63	Optimal measurements for resolution beyond the Rayleigh limit. <i>Optics Letters</i> , 2017, 42, 231.	3.3	69
64	Evading Vacuum Noise: Wigner Projections or Husimi Samples?. <i>Physical Review Letters</i> , 2016, 117, 070801.	7.8	15
65	The many facets of the Fabry-Pérot. <i>European Journal of Physics</i> , 2016, 37, 064001.	0.6	16
66	Parsing polarization squeezing into Fock layers. <i>Physical Review A</i> , 2016, 93, .	2.5	10
67	Local Sampling of the Wigner Function at Telecom Wavelength with Loss-Tolerant Detection of Photon Statistics. <i>Physical Review Letters</i> , 2016, 116, 133601.	7.8	22
68	Achieving the ultimate optical resolution. <i>Optica</i> , 2016, 3, 1144.	9.3	146
69	Optical resolution from Fisher information. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	14
70	Overcoming Vacuum Noise: The Unforeseen Benefits of Quantum Heterodyne Detection. , 2016, , .		0
71	Experimental violation of a Bell-like inequality with optical vortex beams. <i>New Journal of Physics</i> , 2015, 17, 113046.	2.9	21
72	Extremal quantum states and their Majorana constellations. <i>Physical Review A</i> , 2015, 92, .	2.5	38

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73	Least-bias state estimation with incomplete unbiased measurements. <i>Physical Review A</i> , 2015, 92, .	2.5	1
74	Experimental Realization of Quantum Tomography of Photonic Qudits via Symmetric Informationally Complete Positive Operator-Valued Measures. <i>Physical Review X</i> , 2015, 5, .	8.9	78
75	Wavefront-sensor tomography for measuring spatial coherence. , 2015, , .		0
76	Stars of the quantum Universe: extremal constellations on the Poincaré sphere. <i>Physica Scripta</i> , 2015, 90, 108008.	2.5	26
77	Practical implementation of mutually unbiased bases using quantum circuits. <i>Physical Review A</i> , 2015, 91, .	2.5	2
78	Extremal states for photon number and quadratures as gauges for nonclassicality. <i>Physical Review A</i> , 2015, 91, .	2.5	0
79	Amplitude response of a Fabry-Pérot interferometer. <i>European Journal of Physics</i> , 2015, 36, 045021.	0.6	1
80	Classical polarization multipoles: paraxial versus nonparaxial. <i>Physica Scripta</i> , 2015, 90, 074030.	2.5	1
81	Shack-Hartmann Tomography for Multimode Optical Beam Propagation. , 2015, , .		0
82	Structure of the sets of mutually unbiased bases with cyclic symmetry. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 455303.	2.1	5
83	Generation of entangled matter qubits in two opposing parabolic mirrors. <i>Physical Review A</i> , 2014, 90, .	2.5	3
84	Invisibility and PT Symmetry: A Simple Geometrical Viewpoint. <i>Symmetry</i> , 2014, 6, 396-408.	2.2	12
85	Efficient algorithm for optimizing data-pattern tomography. <i>Physical Review A</i> , 2014, 89, .	2.5	10
86	Time-multiplexed measurements of nonclassical light at telecom wavelengths. <i>Physical Review A</i> , 2014, 90, .	2.5	22
87	Radial quantum number of Laguerre-Gauss modes. <i>Physical Review A</i> , 2014, 89, .	2.5	84
88	Classical distinguishability as an operational measure of polarization. <i>Physical Review A</i> , 2014, 90, .	2.5	6
89	Wavefront sensing reveals optical coherence. <i>Nature Communications</i> , 2014, 5, 3275.	12.8	60
90	Unpolarized states and hidden polarization. <i>Physical Review A</i> , 2014, 90, .	2.5	13

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91	Shack-Hartmann Tomography and 3D Imaging of Partially Coherent Vortex Beams. , 2014, , .		0
92	Experimental Tomography and 3D Imaging of Vortex Beams. , 2014, , .		0
93	Optimal quantum tomography of permutationally invariant qubits. Physical Review A, 2013, 87, .	2.5	22
94	Variations on the adiabatic invariance: The Lorentz pendulum. American Journal of Physics, 2013, 81, 57-62.	0.7	8
95	A sum rule for charged elementary particles. European Physical Journal D, 2013, 67, 1.	1.3	14
96	Nonlinear cross-Kerr quasiclassical dynamics. New Journal of Physics, 2013, 15, 043038.	2.9	12
97	Omnidirectional reflection from generalized Fibonacci quasicrystals. Optics Express, 2013, 21, 30039.	3.4	12
98	Quantum versus classical polarization states: when multipoles count. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 104011.	1.5	16
99	Correlations in emitters coupled to plasmonic waveguides. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 224022.	1.5	9
100	Orbital angular momentum from marginals of quadrature distributions. Physical Review A, 2013, 88, .	2.5	5
101	QED with a parabolic mirror. Physical Review A, 2013, 88, .	2.5	21
102	Multipolar hierarchy of efficient quantum polarization measures. Physical Review A, 2013, 88, .	2.5	25
103	Geometrical aspects of $\langle \text{PT} \rangle$ -invariant transfer matrices. Physical Review A, 2013, 87, .	2.5	4
104	Sizing up entanglement in mutually unbiased bases with Fisher information. Physical Review A, 2013, 88, .	2.5	12
105	Shack-Hartmann tomography of partially coherent optical beams. , 2013, , .		0
106	Quantum polarization characterization and tomography. New Journal of Physics, 2012, 14, 115014.	2.9	15
107	Complementarity and phases in SU(3). Journal of Physics A: Mathematical and Theoretical, 2012, 45, 244030.	2.1	4
108	Symmetric discrete coherent states for n -qubits. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 244014.	2.1	12

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109	Graph states in phase space. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012, 45, 215303.	2.1	6
110	Quantum polarization tomography of bright squeezed light. <i>New Journal of Physics</i> , 2012, 14, 085002.	2.9	35
111	Central-moment description of polarization for quantum states of light. <i>Physical Review A</i> , 2012, 85, .	2.5	16
112	The 18th Central European Workshop on Quantum Optics. <i>Physica Scripta</i> , 2012, T147, 010101.	2.5	0
113	Informational completeness of continuous-variable measurements. <i>Physical Review A</i> , 2012, 86, .	2.5	25
114	The transfer matrix: A geometrical perspective. <i>Physics Reports</i> , 2012, 513, 191-227.	25.6	85
115	Quantum Polarization Tomography of Bright Squeezed Light. , 2012, , .		0
116	Dissipative dynamics of two coupled qubits: a short review of some recent results. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2011, 111, 553-557.	0.6	0
117	Robust stationary entanglement of two coupled qubits in independent environments. <i>European Physical Journal D</i> , 2011, 61, 199-205.	1.3	17
118	Orbital angular momentum in phase space. <i>Annals of Physics</i> , 2011, 326, 426-439.	2.8	37
119	Geometrical interpretation of optical absorption. <i>Physical Review A</i> , 2011, 84, .	2.5	5
120	Polarization correlations in quantum optics. , 2011, , .		0
121	Depolarization for quantum channels with higher symmetries. <i>Physica Scripta</i> , 2010, T140, 014009.	2.5	6
122	Non-negative Wigner functions for orbital angular momentum states. <i>Physical Review A</i> , 2010, 81, .	2.5	16
123	The quantum vacuum at the foundations of classical electrodynamics. <i>Applied Physics B: Lasers and Optics</i> , 2010, 100, 9-13.	2.2	21
124	Quantum degrees of polarization. <i>Optics Communications</i> , 2010, 283, 4440-4447.	2.1	51
125	Wigner function for twisted photons. <i>Optics and Spectroscopy (English Translation of Optika I)</i> Tj ETQq1 1 0.784314 rgBT /Qverlock 10	0.6	2
126	Assessing the Polarization of a Quantum Field from Stokes Fluctuations. <i>Physical Review Letters</i> , 2010, 105, 153602.	7.8	27

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127	Quantum Reconstruction of the Mutual Coherence Function. <i>Physical Review Letters</i> , 2010, 105, 010401.	7.8	14
128	Nondiffracting beams for vortex tomography. <i>Optics Letters</i> , 2010, 35, 2064.	3.3	3
129	Angular performance measure for tighter uncertainty relations. <i>Physical Review A</i> , 2010, 81, .	2.5	5
130	Discrete coherent and squeezed states of many-qudit systems. <i>Physical Review A</i> , 2009, 80, .	2.5	27
131	Mutually unbiased bases and generalized Bell states. <i>Physical Review A</i> , 2009, 79, .	2.5	26
132	Full Tomography from Compatible Measurements. <i>Physical Review Letters</i> , 2009, 103, 250402.	7.8	12
133	Nonclassical correlations in superconducting circuits. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 1013-1017.	1.5	4
134	Discrete phase-space structure of n-qubit mutually unbiased bases. <i>Annals of Physics</i> , 2009, 324, 53-72.	2.8	30
135	DISCRETE COHERENT STATES FOR n QUBITS. <i>International Journal of Quantum Information</i> , 2009, 07, 17-25.	1.1	6
136	Escher-like quasiperiodic heterostructures. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009, 42, 192002.	2.1	5
137	Chapter 7 The discrete Wigner function. <i>Progress in Optics</i> , 2008, 51, 469-516.	0.6	44
138	Full quantum reconstruction of vortex states. <i>Physical Review A</i> , 2008, 78, .	2.5	18
139	Optimized broadband wide-angle absorber structures. <i>Applied Optics</i> , 2008, 47, 6366.	2.1	2
140	Geometric picture of optical complementary media. <i>European Journal of Physics</i> , 2008, 29, 431-437.	0.6	3
141	Quantum light depolarization: The phase-space perspective. <i>Physical Review A</i> , 2008, 77, .	2.5	7
142	Experimental test of uncertainty relations for quantum mechanics on a circle. <i>Physical Review A</i> , 2008, 77, .	2.5	24
143	Geometrical approach to mutually unbiased bases. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 3987-3998.	2.1	52
144	Dispersion Relation of the Dielectric Constant of $\text{YBa}_2\text{Cu}_3\text{O}_7$ Grain Boundary Josephson Junctions Tilted Around Different Axes. <i>IEEE Transactions on Applied Superconductivity</i> , 2007, 17, 3541-3544.	1.7	2

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145	Maximally polarized states for quantum light fields. <i>Physical Review A</i> , 2007, 76, .	2.5	9
146	Quantum Reconstruction of an Intense Polarization Squeezed Optical State. <i>Physical Review Letters</i> , 2007, 99, 220401.	7.8	40
147	Geometrical approach to mutually unbiased bases. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 9177-9177.	2.1	2
148	Mutually unbiased bases and discrete Wigner functions. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007, 24, 371.	2.1	31
149	Integral merit function for broadband omnidirectional mirrors. <i>Applied Optics</i> , 2007, 46, 2903.	2.1	7
150	Assessing approximate broadband omnidirectional antireflection. <i>Optics Communications</i> , 2007, 270, 116-120.	2.1	3
151	Step-by-Step Control of the Dynamics of a Superconducting QED-like System. <i>Open Systems and Information Dynamics</i> , 2007, 14, 197-202.	1.2	0
152	Discrete Phase-Space Structures and Mutually Unbiased Bases. <i>Lecture Notes in Computer Science</i> , 2007, , 333-345.	1.3	1
153	MULTIPARTITE QUANTUM SYSTEMS: PHASES DO MATTER AFTER ALL. <i>International Journal of Modern Physics B</i> , 2006, 20, 1877-1884.	2.0	4
154	Characterizing the reflectance near the Brewster angle: a Pad�-approximant approach. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2006, 23, 3223.	1.5	0
155	Simple quantum model for light depolarization. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2006, 23, 126.	2.1	6
156	Degrees of polarization for a quantum field. <i>Journal of Physics: Conference Series</i> , 2006, 36, 177-182.	0.4	15
157	Perfect antireflection via negative refraction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 349, 281-284.	2.1	3
158	Quantum phase-space description of light polarization. <i>Optics Communications</i> , 2006, 258, 210-218.	2.1	10
159	Minimum Uncertainty Measurements of Angle and Angular Momentum. <i>Physical Review Letters</i> , 2006, 97, 243601.	7.8	23
160	Frequency analysis of the dielectric constant of YBa ₂ Cu ₃ O ₇ Josephson junctions fabricated on bicrystalline substrates. <i>Physical Review B</i> , 2006, 74, .	3.2	6
161	Finite-dimensional quantum systems: Complementarity, phase space, and all that. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2005, 99, 391-396.	0.6	0
162	A complementarity-based approach to phase in finite-dimensional quantum systems. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2005, 7, 283-287.	1.4	14

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163	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.	1.7	4
164	Structure of the sets of mutually unbiased bases for N qubits. Physical Review A, 2005, 72, .	2.5	74
165	Capacitance of Josephson junctions made on bicrystalline substrates of different geometries. Physical Review B, 2005, 71, .	3.2	14
166	Vector-like representation of one-dimensional scattering. European Journal of Physics, 2005, 26, 469-480.	0.6	12
167	Comparing omnidirectional reflection from periodic and quasiperiodic one-dimensional photonic crystals. Optics Express, 2005, 13, 3913.	3.4	44
168	Quantum polarization properties of two-mode energy eigenstates. Physical Review A, 2005, 71, .	2.5	39
169	Distance-based degrees of polarization for a quantum field. Physical Review A, 2005, 72, .	2.5	50
170	Multicomplementary operators via finite Fourier transform. Journal of Physics A, 2005, 38, 2747-2760.	1.6	69
171	Geometrical aspects of first-order optical systems. Journal of Optics, 2005, 7, 451-456.	1.5	4
172	Two-photon imaging and quantum holography. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, S478-S482.	1.4	6
173	Optimizing omnidirectional reflection by multilayer mirrors. Journal of Optics, 2004, 6, 127-131.	1.5	19
174	Effective damping in the Raman cooling of trapped ions. Optics Communications, 2004, 230, 393-400.	2.1	12
175	Quantum phases of a qutrit. Journal of Physics A, 2004, 37, 4097-4106.	1.6	32
176	Vectorlike representation of multilayers. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 2386.	1.5	5
177	Characterizing the reflectance of periodic layered media. Optics Communications, 2003, 218, 43-47.	2.1	12
178	Quantum lithography: Toward entangled-photon optics. Optics and Spectroscopy (English Translation) Tj ETQq0 0 0 ggBT /Overlock 10 0.6	0.6	0
179	Measurable entanglement criterion for two qubits. Physical Review A, 2003, 68, .	2.5	4
180	General unit-disk representation for periodic multilayers. Optics Letters, 2003, 28, 1501.	3.3	12

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181	Hyperbolic reflections as fundamental building blocks for multilayer optics. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2003, 20, 1812.	1.5	5
182	Master equations for effective Hamiltonians. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2003, 5, 34-39.	1.4	29
183	Inequivalent classes of closed three-level systems. <i>Physical Review A</i> , 2003, 68, .	2.5	1
184	Phase states for a three-level atom interacting with quantum fields. <i>Physical Review A</i> , 2003, 67, .	2.5	3
185	Applications of entangled-state interference. , 2002, , .		11
186	Exploring the role of the relative phase in atom-field interactions. , 2002, 4750, 64.		0
187	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.	1.5	23
188	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.	1.5	25
189	Effective Hamiltonians in quantum optics: a systematic approach. <i>Journal of Modern Optics</i> , 2002, 49, 2211-2226.	1.3	37
190	Description of entanglement in terms of quantum phase. <i>Physical Review A</i> , 2002, 66, .	2.5	11
191	Constructing Fresnel reflection coefficients by ruler and compass. <i>European Journal of Physics</i> , 2002, 23, 255-262.	0.6	2
192	Fresnel coefficients as hyperbolic rotations. <i>European Journal of Physics</i> , 2002, 23, 1-9.	0.6	4
193	Subwavelength lithography over extended areas. <i>Physical Review A</i> , 2001, 64, .	2.5	23
194	Single-particle nonlocality and entanglement with the vacuum. <i>Physical Review A</i> , 2001, 64, .	2.5	43
195	Basic factorization for multilayers. <i>Optics Letters</i> , 2001, 26, 370.	3.3	12
196	Simple trace criterion for classification of multilayers. <i>Optics Letters</i> , 2001, 26, 1400.	3.3	19
197	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.	1.3	21
198	Mimicking a Kerrlike medium in the dispersive regime of second-harmonic generation. <i>Optics Communications</i> , 2001, 191, 419-426.	2.1	26

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199	Optical multilayers as a tool for visualizing special relativity. <i>European Journal of Physics</i> , 2001, 22, 39-51.	0.6	7
200	Comprehensive theory of the relative phase in atom-field interactions. <i>Physical Review A</i> , 2001, 63, .	2.5	7
201	Entangled-State Lithography: Tailoring Any Pattern with a Single State. <i>Physical Review Letters</i> , 2001, 86, 4516-4519.	7.8	132
202	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.	1.3	1
203	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.	1.3	1
204	Quantum phase difference, phase measurements and stokes operators. <i>Progress in Optics</i> , 2000, 41, 421-481.	0.6	60
205	Unbalanced homodyne detection with a weak local oscillator. <i>Optics Communications</i> , 2000, 175, 153-161.	2.1	10
206	An eight-port detector with a local oscillator of finite intensity. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2000, 2, 526-533.	1.4	2
207	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
208	Method of small rotations and effective Hamiltonians in nonlinear quantum optics. <i>Physical Review A</i> , 2000, 61, .	2.5	90
209	Luis and Sánchez-Soto Reply.. <i>Physical Review Letters</i> , 2000, 84, 2041-2041.	7.8	3
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