Rosario Martinez-Herrero

List of Publications by Year
in descending order

187 papers	2,508 citations	186265 28 h-index	243625 44 g-index
187 all docs	187 docs citations	187 times ranked	549 citing authors

#	Article	IF	Citations
1	Parametric characterization of general partially coherent beams propagating through ABCD optical systems. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1991, 8, 1094.	1.5	170
2	Second-order spatial characterization of hard-edge diffracted beams. Optics Letters, 1993, 18, 1669.	3.3	117
3	Genuine cross-spectral densities and pseudo-modal expansions. Optics Letters, 2009, 34, 1399.	3.3	115
4	On the propagation of the kurtosis parameter of general beams. Optics Communications, 1995, 115, 225-232.	2.1	94
5	Vectorial structure of nonparaxial electromagnetic beams. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 1678.	1.5	88
6	Optical encryption using photon-counting polarimetric imaging. Optics Express, 2015, 23, 655.	3.4	78
7	Parametric characterization of coherent, lowest-order Gaussian beams propagating through hard-edged apertures. Optics Letters, 1995, 20, 124.	3.3	75
8	Parametric characterization of the spatial structure of non-uniformly polarized laser beams. Progress in Quantum Electronics, 2002, 26, 65-130.	7.0	71
9	Third- and fourth-order parametric characterization of partially coherent beams propagating throughABCD optical systems. Optical and Quantum Electronics, 1992, 24, S1021-S1026.	3.3	60
10	Reconfigurable beams with arbitrary polarization and shape distributions at a given plane. Optics Express, 2013, 21, 5432.	3.4	60
11	Partially coherent sources with circular coherence. Optics Letters, 2017, 42, 1512.	3.3	55
12	Sharpness changes of gaussian beams induced by spherically aberrated lenses. Optics Communications, 1994, 107, 179-183.	2.1	49
13	Parametric characterization of non-uniformly polarized beams. Optics Communications, 1998, 149, 230-234.	2.1	49
14	Maximum visibility under unitary transformations in two-pinhole interference for electromagnetic fields. Optics Letters, 2007, 32, 1471.	3.3	39
15	Characterization of Partially Polarized Light Fields. Springer Series in Optical Sciences, 2009, , .	0.7	38
16	Quality improvement of partially coherent symmetric-intensity beams caused by quartic phase distortions. Optics Letters, 1992, 17, 1650.	3.3	37
17	Spatial characterization of general partially polarized beams. Optics Letters, 1997, 22, 206.	3.3	37
18	Global parameters for characterizing the radial and azimuthal polarization content of totally polarized beams. Optics Communications, 2008, 281, 1976-1980.	2.1	36

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19	Synthesis of highly focused fields with circular polarization at any transverse plane. Optics Express, 2014, 22, 6859.	3.4	36
20	Propagation of light fields with radial or azimuthal polarization distribution at a transverse plane. Optics Express, 2008, 16, 9021.	3.4	35
21	Pseudo-Schell model sources. Optics Express, 2019, 27, 3963.	3.4	33
22	Radiometric definitions for partially coherent sources. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1984, 1, 556.	1.5	32
23	Beam characterization through active media. Optics Communications, 1991, 85, 162-166.	2.1	32
24	On the different definitions of laser beam moments. Optical and Quantum Electronics, 1993, 25, 423-428.	3.3	32
25	Partially coherent sources with radial coherence. Optics Letters, 2018, 43, 2376.	3.3	32
26	Relation between degrees of coherence for electromagnetic fields. Optics Letters, 2007, 32, 1504.	3.3	31
27	Degree of polarization of non-uniformly partially polarized beams: a proposal. Optical and Quantum Electronics, 1999, 31, 223-226.	3.3	29
28	Beam Quality Dependence on the Coherence Length of Gaussian Schell-model fields Propagating Through ABCD Optical Systems. Journal of Modern Optics, 1992, 39, 625-635.	1.3	28
29	Expansion of the cross-spectral density function of general fields and its application to beam characterization. Optics Communications, 1992, 94, 197-202.	2.1	28
30	Time-resolved spatial parametric characterization of pulsed light beams. Optics Letters, 1995, 20, 660.	3.3	28
31	Rotation of partially coherent beams propagating through free space. Optical and Quantum Electronics, 1992, 24, S873-S880.	3.3	27
32	Elementary-field expansions of genuine cross-spectral density matrices. Optics Letters, 2009, 34, 2303.	3.3	26
33	Beam-quality changes generated by thermally-induced spherical aberration in laser cavities. IEEE Journal of Quantum Electronics, 1995, 31, 2173-2176.	1.9	25
34	Synthesis of circularly coherent sources. Optics Letters, 2017, 42, 4115.	3.3	25
35	Optical encryption in the longitudinal domain of focused fields. Optics Express, 2016, 24, 6793.	3.4	24
36	Overall parameters for the characterization of non-uniformly totally polarized beams. Optics Communications, 2006, 265, 6-10.	2.1	22

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37	On the physical realizability of highly focused electromagnetic field distributions. Optics Letters, 2013, 38, 2065.	3.3	22
38	On the paramtric characterization of the transversal spatial structure of laser pulses. Optics Communications, 1997, 139, 299-305.	2.1	18
39	On the longitudinal component of paraxial fields. European Journal of Physics, 2012, 33, 1235-1247.	0.6	18
40	Beam quality changes of Gaussian Schell-model fields propagating through Gaussian apertures. Applied Optics, 1992, 31, 4330.	2.1	17
41	Beam propagation through uniaxial anisotropic media: global changes in the spatial profile. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 2009.	1.5	16
42	Evanescent field of vectorial highly non-paraxial beams. Optics Express, 2008, 16, 2845.	3.4	16
43	Synthesis and characterization of non-uniformly totally polarized light beams: tutorial. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 591.	1.5	16
44	Time-varying beam quality factor and mode evolution in TEA CO/sub 2/ laser pulses. IEEE Journal of Quantum Electronics, 1998, 34, 1835-1838.	1.9	15
45	Synthesis of light needles with tunable length and nearly constant irradiance. Scientific Reports, 2018, 8, 2657.	3.3	15
46	Relation among planar sources that generate the same radiant intensity at the output of a general optical system. Journal of the Optical Society of America, 1982, 72, 765.	1.2	14
47	Quality improvement of symmetric-intensity beams propagating through pure phase plates. Optics Communications, 1993, 95, 18-20.	2.1	13
48	Angular momentum decomposition of nonparaxial light beams. Optics Express, 2010, 18, 7965.	3.4	13
49	On the fourth-order spatial characterization of laser beams: new invariant parameter through ABCD systems. Optics Communications, 1997, 140, 57-60.	2.1	12
50	Spatial width and power-content ratio of hard-edge diffracted beams. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2003, 20, 388.	1.5	12
51	Beam quality changes produced by quartic phase transmittances. Optical and Quantum Electronics, 1995, 27, 173-183.	3.3	11
52	On the vectorial structure of non-paraxial radially polarized light fields. Optics Communications, 2008, 281, 3046-3050.	2.1	11
53	Overall second-order parametric characterization of light beams propagating through spiral phase elements. Optics Communications, 2009, 282, 473-477.	2.1	11
54	Optical encryption in the axial domain using beams with arbitrary polarization. Optics and Lasers in Engineering, 2017, 89, 145-149.	3.8	11

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55	Relation between planar sources that generate the same intensity distribution at the output plane. Journal of the Optical Society of America, 1982, 72, 131.	1.2	10
56	Radiometric definitions from second-order coherence characteristics of planar sources. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1986, 3, 1055.	1.5	10
57	Beam quality of partially polarized beams propagating through lenslike birefringent elements. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1999, 16, 2666.	1.5	10
58	Parametric characterization of the spatial structure of partially coherent and partially polarized beams. Journal of Optics, 2004, 6, S67-S71.	1.5	10
59	On the spatial orientation of the transverse irradiance profile of partially coherent beams. Optics Express, 2006, 14, 3294.	3.4	10
60	Electromagnetic fields that remain totally polarized under propagation. Optics Communications, 2007, 279, 20-22.	2.1	10
61	Maximizing Youngâ€™s fringe visibility under unitary transformations for mean-square coherent light. Optics Express, 2009, 17, 603.	3.4	10
62	Parametric characterization of surface plasmon polaritons at a lossy interface. Optics Express, 2015, 23, 28574.	3.4	10
63	Polarization evolution of radially polarized partially coherent vortex fields: role of Gouy phase of Laguerreâ€“Gauss beams. Optics Express, 2015, 23, 5043.	3.4	10
64	Reproducing Kernel Hilbert spaces for wave optics: tutorial. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2021, 38, 737.	1.5	10
65	Relation between the expansions of the correlation function at the object and image planes for partially coherent illumination. Optics Communications, 1981, 37, 234-238.	2.1	9
66	Beam quality in monomode diode lasers. Optical and Quantum Electronics, 1992, 24, S881-S887.	3.3	9
67	Stokes-parameters representation in terms of the radial and azimuthal field components: A proposal. Optics and Laser Technology, 2010, 42, 1099-1102.	4.6	9
68	Besinc Pseudo-Schell Model Sources with Circular Coherence. Applied Sciences (Switzerland), 2019, 9, 2716.	2.5	9
69	Experimental estimation of the longitudinal component of a highly focused electromagnetic field. Scientific Reports, 2021, 11, 17992.	3.3	9
70	Characterization and reconstruction of planar sources that generate identical intensity distributions in the Fraunhofer zone. Optics Letters, 1981, 6, 607.	3.3	8
71	Relation between the Object and Its Image for Partially Coherent and Quasi-monochromatic Illumination. Optica Acta, 1981, 28, 65-76.	0.7	8
72	Parametric characterization of the phase at the far field. Optics Letters, 1995, 20, 651.	3.3	8

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73	Parametric characterization of Gaussian beams propagating through active media. Optical and Quantum Electronics, 1996, 28, 1021.	3.3	8
74	On the measurement of the generalized degree of polarization. Optical and Quantum Electronics, 2000, 32, 1333-1342.	3.3	8
75	On the vectorial fields with position-independent stochastic behavior. Optics Letters, 2008, 33, 195.	3.3	8
76	Beam width of highly-focused radially-polarized fields. Optics Express, 2010, 18, 20817.	3.4	8
77	Transverse and longitudinal components of the propagating and evanescent waves associated to radially polarized nonparaxial fields. Applied Physics B: Lasers and Optics, 2012, 106, 151-159.	2.2	8
78	Experimental implementation of tightly focused beams with unpolarized transversal component at any plane. Optics Express, 2014, 22, 32419.	3.4	8
79	Polarisers in the focal domain: Theoretical model and experimental validation. Scientific Reports, 2017, 7, 42122.	3.3	8
80	Transmitted amplitude by a Fabry-Perot interferometer with random surface defects. Applied Optics, 1985, 24, 315.	2.1	7
81	Optical bistability: towards all-optical devices. Physica Scripta, 1987, 36, 312-318.	2.5	7
82	Quality improvement of partially polarized beams. Applied Optics, 2001, 40, 6098.	2.1	7
83	Structure of the transverse profile of Gaussian-model non-paraxial electromagnetic beams. Journal of Optics, 2006, 8, 524-530.	1.5	7
84	On the control of the spatial orientation of the transverse profile of a light beam. Optics Express, 2006, 14, 1086.	3.4	7
85	Beam quality changes of radially and azimuthally polarized fields propagating through quartic phase plates. Optics Communications, 2008, 281, 756-759.	2.1	7
86	Cross-correlation between spiral modesâ€¨and its influence on the overall spatial characteristics of partially coherent beams. Optics Express, 2009, 17, 19857.	3.4	7
87	On the longitudinal polarization of non-paraxial electromagnetic fields. Applied Physics B: Lasers and Optics, 2010, 99, 579-584.	2.2	7
88	Design of highly focused fields that remain unpolarized on axis. Optics Letters, 2014, 39, 6025.	3.3	7
89	A New Type of Shape-Invariant Beams with Structured Coherence: Laguerre-Christoffel-Darboux Beams. Photonics, 2021, 8, 134.	2.0	7
90	Object reconstruction for the â€œFourier Transformâ€•optical system: Uniqueness and characterization of data. Optics Communications, 1981, 36, 261-264.	2.1	6

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91	Parametric dependence of the transmitted intensity in optical bistable Fabry-Perot devices. Applied Optics, 1985, 24, 2092.	2.1	6
92	Bistable fiber-optics interferometric sensor: a proposal. Applied Optics, 1988, 27, 811.	2.1	5
93	Beam quality changes in Hermiteâ€“Gauss mode fields propagating through Gaussian apertures. Applied Optics, 1993, 32, 1084.	2.1	5
94	<title>Quality changes of beams propagating through super-Gaussian apertures</title>. , 1993, , .		5
95	Time-resolved spatial structure of TEA CO2 laser pulses. Optical and Quantum Electronics, 2000, 32, 17-30.	3.3	5
96	Generalized (two-point) stokes-parameters representation in terms of the radial and azimuthal field components. Optics and Laser Technology, 2011, 43, 1116-1118.	4.6	5
97	Propagation and parametric characterization of the polarization structure of paraxial radially and azimuthally polarized beams. Optics and Laser Technology, 2012, 44, 482-485.	4.6	5
98	Flat top surface plasmon polariton beams. Optics Letters, 2017, 42, 4143.	3.3	5
99	Effect of linear polarizers on the behavior of partially coherent and partially polarized highly focused fields. Optics Letters, 2018, 43, 3445.	3.3	5
100	Efficient calculation of highly focused electromagnetic Schell-model beams. Optics Express, 2021, 29, 26220.	3.4	5
101	Modal Analysis of Pseudo-Schell Model Sources. Photonics, 2021, 8, 449.	2.0	5
102	Tailoring on-axis spectral density with circularly coherent light beams. Optics Letters, 2022, 47, 2394.	3.3	5
103	Object reconstruction in a spatially partially coherent imaging system. Optics Letters, 1980, 5, 502.	3.3	4
104	Purely absorptive bistability in double-ring cavities. Physical Review A, 1986, 33, 1836-1841.	2.5	4
105	Characterization of polychromatic planar sources that generate the same power spectrum. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1990, 7, 940.	1.5	4
106	Equivalence between optimum Young's fringe visibility and position-independent stochastic behavior of electromagnetic fields. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2008, 25, 1902.	1.5	4
107	Basis for paraxial surface-plasmon-polariton packets. Physical Review A, 2016, 94, .	2.5	4
108	Partially-coherent spirally-polarized gradual-edge imaging. Optics and Lasers in Engineering, 2019, 112, 53-58.	3.8	4

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109	Modeling axial irradiance distortion in holographic optical needles produced with high numerical aperture lenses. OSA Continuum, 2019, 2, 1539.	1.8	4
110	A class of vectorial pseudo-Schell model sources with structured coherence and polarization. Optics and Laser Technology, 2022, 152, 108079.	4.6	4
111	Quality changes of gaussian beams propagating through axicons. Optics Communications, 1994, 105, 289-291.	2.1	3
112	Anisotropic pure-phase plates for quality improvement of partially coherent, partially polarized beams. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2003, 20, 577.	1.5	3
113	On the polarization of non-paraxial transverse fields. Optics Communications, 2006, 267, 20-23.	2.1	3
114	On the propagation of random electromagnetic fields with position-independent stochastic behavior. Optics Communications, 2010, 283, 4467-4469.	2.1	3
115	A digital holography technique for generating beams with arbitrary polarization and shape. , 2012, , .		3
116	Effect of linear polarizers on highly focused spirally polarized fields. Optics and Lasers in Engineering, 2017, 98, 176-180.	3.8	3
117	Christoffelâ€"Darboux sources. Optics Letters, 2021, 46, 973.	3.3	3
118	On z-coherence of beams radiated by Schell-model sources with Gaussian profile. Optics Letters, 2022, 47, 2258.	3.3	3
119	Coherently Illuminated Object Amplitudes that Generate the Same Intensity at the Output of Band-limited Optical Systems. Optica Acta, 1986, 33, 347-354.	0.7	2
120	Truncation error of the Laguerre-Gauss expansion of axially symmetric beams in terms of second-order intensity moments. Journal of Optics, 1998, 7, 1231-1236.	0.5	2
121	Beam-quality optimization of partially polarized fields. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2005, 22, 1442.	1.5	2
122	Invariant parameters for characterizing nonuniformly partially polarized beams. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2007, 103, 886-889.	0.6	2
123	Relation between asymmetrical orbital angular momentum andÂirradiance-profile rotation for partially coherent beams. Applied Physics B: Lasers and Optics, 2010, 101, 343-346.	2.2	2
124	Overall spatial characterization of nonparaxial radially polarized beams propagating from the focal plane of a high-focusing optical system. Journal of Optics (United Kingdom), 2011, 13, 085702.	2.2	2
125	Behavior of propagating and evanescent components in azimuthally polarized non-paraxial fields. Applied Physics B: Lasers and Optics, 2013, 112, 123-131.	2.2	2
126	Expansions of the Coherence Matrix of a Partially Polarized, Quasi-monochromatic Source. Optica Acta, 1982, 29, 1255-1269.	0.7	1

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127	On the characterization of cross-spectrally pure fields. Optics Communications, 1982, 41, 423-426.	2.1	1
128	Relation between Object Transmittances That Generate the Same Intensity Data. Optica Acta, 1984, 31, 775-783.	0.7	1
129	Obtaining Any Given Intensity at Discrete Close Points at the Output of Band-limited Optical Systems. Optica Acta, 1984, 31, 467-470.	0.7	1
130	Uniqueness in the Inverse Problem for Homogeneous Sources. Optica Acta, 1984, 31, 917-922.	0.7	1
131	Expansions of general stationary stochastic optical fields: General formalism. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1985, 85, 182-192.	0.2	1
132	<title>Spatial characterization of high-power multimode laser beams</title>. , 1991, 1397, 631.		1
133	Linear Gaussian intensity distributions synthesized by reflection on elliptic cylinders: a proposal. Applied Optics, 1992, 31, 2970.	2.1	1
134	<title>Parametric characterization of depleted-center-intensity beams</title>. , 1993, , .		1
135	Propagation of laser beam parameters through pure phase transmittances. Optics Communications, 1996, 129, 161-166.	2.1	1
136	Spatial characterization of the transversal structure of rotationally symmetric pulsed beams. Optical and Quantum Electronics, 1997, 29, 923-931.	3.3	1
137	Time-resolved spatial profile of TEA CO_2 laser pulses: influence of the gas mixture and intracavity apertures. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 1734.	1.5	1
138	Non-paraxial transverse vector fields closest to non-polarized beams. Journal of Optics, 2004, 6, S64-S66.	1.5	1
139	On the characterization of the rotation of the irradiance profile of partially coherent beams. , 2006, , .		1
140	On the definition of beam width of highly-focused radially-polarized light fields. , 2010, , .		1
141	Generation of arbitrary spatially variant polarized fields using computer generated holograms. Proceedings of SPIE, 2012, , .	0.8	1
142	Polarization description of light fields in terms of meridional and azimuthal vectorial features. Optics and Laser Technology, 2012, 44, 1796-1799.	4.6	1
143	Spatial characterization of superposition of coaxial vortex beams. , 2016, , .		1
144	Vortex pseudo Schell-model source: A proposal. , 2016, , .		1

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145	Goosâ€“HÃnchen and Imbertâ€“Fedorov shifts: relation with the irradiance moments of a beam. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, 286.	1.5	1
146	Partially polarized pseudo-Schell model sources. , 2017, , .		1
147	Propagation features of a class of beams radiated from pseudo-Schell model vectorial sources. EPJ Web of Conferences, 2021, 255, 12012.	0.3	1
148	Object Reconstruction for Partially Polarized Quasi-monochromatic Illumination. Optica Acta, 1981, 28, 1151-1162.	0.7	0
149	Fourth-order characterization of planar sources from intensity-correlation data at the output plane of a system. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1984, 1, 1154.	1.5	0
150	Second-order characterization of sources from intensity data at the output of band-limited optical systems. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1985, 2, 2001.	1.5	0
151	Uniqueness Features In Sampled Complex-Valued Object Reconstruction From Discrete Intensity Data. Optical Engineering, 1988, 27, .	1.0	0
152	Random Phase Inhomogeneities In Fabry-Perot Resonators. Proceedings of SPIE, 1989, 1132, 10.	0.8	0
153	Optimization of the geometry of a single-pass amplifier. Applied Optics, 1990, 29, 3878.	2.1	0
154	<title>Propagation invariance of laser beam parameters through optical systems</title>. , 1991, , .		0
155	<title>Laser beam propagation through inhomogeneous amplifying media</title>. , 1991, 1397, 619.		0
156	<title>Beam quality in laser amplifiers</title>. , 1991, , .		0
157	Diffractional and coherence effects in linear moirÃ© displacement sensors. Sensors and Actuators A: Physical, 1992, 32, 588-590.	4.1	0
158	On the beam propagation through active media. Optical and Quantum Electronics, 1997, 29, 899-906.	3.3	0
159	General classification of partially polarized partially coherent beams. , 2003, 4932, 637.		0
160	Vectorial structure of electromagnetic beams: closet field to a polarized Gaussian beam. , 2003, 4829, 1084.		0
161	Quality improvement of partially coherent and partially polarized beams propagating through anisotropic pure phase plates. , 2003, 4829, 1082.		0
162	Characterization of non-uniformly totally polarized beams. , 2006, 6101, 336.		0

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163	Reply to Comment on â€˜Structure of the transverse profile of Gaussian-model non-paraxial electromagnetic beamsâ€™. Journal of Optics, 2006, 8, 1025-1026.	1.5	0
164	Non-Paraxial Electromagnetic Beams. Springer Series in Optical Sciences, 2009, , 127-179.	0.7	0
165	Overall shaping of light beams by means of spiral phase elements. , 2010, , .		0
166	Intrinsic axes of partially coherent light beams and their invariance through rotationally symmetric ABCD optical systems. Applied Physics B: Lasers and Optics, 2011, 105, 399-403.	2.2	0
167	On the propagating and evanescent waves associated to azimuthally-polarized nonparaxial fields. Proceedings of SPIE, 2012, , .	0.8	0
168	Overall characterization of the polarization structure of radially polarized partially coherent vortex beams. , 2013, , .		0
169	Realizable highly focused beams with arbitrary polarization. , 2013, , .		0
170	Obtaining circularly polarized highly focused fields: a proposal. , 2013, , .		0
171	Weighted average of the Gouy phase shift and their relation with the irradiance moments of a beam. , 2013, , .		0
172	Bright focal spot with tunable polarization and shape: A proposal. , 2016, , .		0
173	Non-uniform polarized beams: Applications to optical encryption. , 2016, , .		0
174	Polarization measurements in the focal area. , 2017, , .		0
175	Considerations on the design of diffractive optical needles. , 2018, , .		0
176	Parametrical characterization of the induced electric field in materials. Journal of Electromagnetic Waves and Applications, 2019, 33, 1574-1580.	1.6	0
177	Representations of the Polarization of Beamlike Fields. Springer Series in Optical Sciences, 2009, , 1-35.	0.7	0
178	Polarization and Coherence of Random Electromagnetic Fields. Springer Series in Optical Sciences, 2009, , 93-126.	0.7	0
179	Second-Order Overall Characterization of Non-uniformly Polarized Light Beams. Springer Series in Optical Sciences, 2009, , 37-92.	0.7	0
180	Partially Coherent Linearly Polarized Sources with Inhomogeneous Azimuth. , 2017, , .		0

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181	On the behavior of linear polarizers on highly focused radially polarized beams. , 2017, , .		0
182	Goos-HÃnchen shift of Cosine-Gaussian Schell-model beams with rectangular symmetry. , 2017, , .		0
183	On the behavior of vector light needles using modulation functions with topological charge. , 2019, , .		0
184	Weighted average of the Gouy phase shift for paraxial surface plasmon polaritons packets in lossy media. , 2019, , .		0
185	Paraxial propagation and kurtosis of fields generated by pseudo-Schell vortex sources. , 2019, , .		0
186	A proposal for parametrical characterization of induced electric fields in materials. , 2019, , .		0
187	On polarization characteristics of highly focused fields concentrated along the axis. EPJ Web of Conferences, 2021, 255, 12010.	0.3	0