

Dragomir N. Neshev

List of Publications by Year in descending order

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175
papers

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34105

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175
times ranked

6271
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant Dielectric Metagratings for Response Intensified Optical Sensing. <i>Advanced Functional Materials</i> , 2022, 32, 2103143.	14.9	8
2	Second order nonlinear frequency generation at the nanoscale in dielectric platforms. <i>Advances in Physics: X</i> , 2022, 7, .	4.1	1
3	Enhanced light-matter interaction in two-dimensional transition metal dichalcogenides. <i>Reports on Progress in Physics</i> , 2022, 85, 046401.	20.1	74
4	Surface Functionalization and Texturing of Optical Metasurfaces for Sensing Applications. <i>Chemical Reviews</i> , 2022, 122, 14990-15030.	47.7	29
5	Edge Detection with Mie-Resonant Dielectric Metasurfaces. <i>ACS Photonics</i> , 2021, 8, 864-871.	6.6	39
6	Planar narrow bandpass filter based on Si resonant metasurface. <i>Journal of Applied Physics</i> , 2021, 130, .	2.5	19
7	Tunable unidirectional nonlinear emission from transition-metal-dichalcogenide metasurfaces. <i>Nature Communications</i> , 2021, 12, 5597.	12.8	49
8	Forward and Backward Switching of Nonlinear Unidirectional Emission from GaAs Nanoantennas. <i>ACS Nano</i> , 2020, 14, 1379-1389.	14.6	53
9	Multidimensional synthetic chiral-tube lattices via nonlinear frequency conversion. <i>Light: Science and Applications</i> , 2020, 9, 132.	16.6	30
10	Resonant harmonic generation in AlGaAs nanoantennas probed by cylindrical vector beams. <i>Nanoscale</i> , 2019, 11, 1745-1753.	5.6	26
11	Tailoring Second-Harmonic Emission from (111)-GaAs Nanoantennas. <i>Nano Letters</i> , 2019, 19, 3905-3911.	9.1	66
12	Electrically Tunable Transparent Displays for Visible Light Based on Dielectric Metasurfaces. <i>ACS Photonics</i> , 2019, 6, 1533-1540.	6.6	69
13	Reversible Image Contrast Manipulation with Thermally Tunable Dielectric Metasurfaces. <i>Small</i> , 2019, 15, 1805142.	10.0	41
14	Enhanced Four-Wave Mixing in Doubly Resonant Si Nanoresonators. <i>ACS Photonics</i> , 2019, 6, 1295-1301.	6.6	27
15	Manipulation of Magnetic Dipole Emission from Eu^{3+} with Mie-Resonant Dielectric Metasurfaces. <i>Nano Letters</i> , 2019, 19, 1015-1022.	9.1	85
16	Directional and Spectral Shaping of Light Emission with Mie-Resonant Silicon Nanoantenna Arrays. <i>ACS Photonics</i> , 2018, 5, 1359-1364.	6.6	88
17	Third Harmonic Generation Enhanced by Multipolar Interference in Complementary Silicon Metasurfaces. <i>ACS Photonics</i> , 2018, 5, 1671-1675.	6.6	52
18	Dynamic Beam Switching by Liquid Crystal Tunable Dielectric Metasurfaces. <i>ACS Photonics</i> , 2018, 5, 1742-1748.	6.6	248

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19	Active Tuning of Spontaneous Emission by Mie-Resonant Dielectric Metasurfaces. Nano Letters, 2018, 18, 3461-3465.	9.1	111
20	Selective Third-Harmonic Generation by Structured Light in Mie-Resonant Nanoparticles. ACS Photonics, 2018, 5, 728-733.	6.6	87
21	Shaping the Nonlinear Emission Pattern of a Dielectric Nanoantenna by Integrated Holographic Gratings. Nano Letters, 2018, 18, 6750-6755.	9.1	30
22	Highly-Efficient Longitudinal Second-Harmonic Generation from Doubly-Resonant AlGaAs Nanoantennas. Photonics, 2018, 5, 29.	2.0	21
23	Nonlinear Goniometry by Second-Harmonic Generation in AlGaAs Nanoantennas. ACS Photonics, 2018, 5, 4386-4392.	6.6	37
24	Quantum metasurface for multiphoton interference and state reconstruction. Science, 2018, 361, 1104-1108.	12.6	227
25	Metal-dielectric hybrid nanoantennas for efficient frequency conversion at the anapole mode. Beilstein Journal of Nanotechnology, 2018, 9, 2306-2314.	2.8	47
26	Valley-selective directional emission from a transition-metal dichalcogenide monolayer mediated by a plasmonic nanoantenna. Beilstein Journal of Nanotechnology, 2018, 9, 780-788.	2.8	25
27	Optical metasurfaces: new generation building blocks for multi-functional optics. Light: Science and Applications, 2018, 7, 58.	16.6	176
28	Far-field pattern formation by manipulating the topological charges of square-shaped optical vortex lattices. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 402.	2.1	19
29	Tuning the second-harmonic generation in AlGaAs nanodimers via non-radiative state optimization [Invited]. Photonics Research, 2018, 6, B6.	7.0	49
30	Boosting third-harmonic generation by a mirror-enhanced anapole resonator. Light: Science and Applications, 2018, 7, 44.	16.6	127
31	Nonlinear integrated photonics. Photonics Research, 2018, 6, NIP1.	7.0	8
32	Refractive index sensing with Fano resonances in silicon oligomers. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160070.	3.4	20
33	Nonlinear Symmetry Breaking in Symmetric Oligomers. ACS Photonics, 2017, 4, 454-461.	6.6	32
34	Nonlinear Optical Magnetism Revealed by Second-Harmonic Generation in Nanoantennas. Nano Letters, 2017, 17, 3914-3918.	9.1	100
35	Magneto-Optical Response Enhanced by Mie Resonances in Nanoantennas. ACS Photonics, 2017, 4, 2390-2395.	6.6	76
36	Active tuning of high-Q dielectric metasurfaces. Applied Physics Letters, 2017, 111, .	3.3	44

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37	Nonlinear Anisotropic Dielectric Metasurfaces for Ultrafast Nanophotonics. ACS Photonics, 2017, 4, 2129-2136.	6.6	70
38	Enhanced second-harmonic generation from two-dimensional MoSe ₂ on a silicon waveguide. Light: Science and Applications, 2017, 6, e17060-e17060.	16.6	130
39	Excited State Biexcitons in Atomically Thin MoSe ₂ . ACS Nano, 2017, 11, 7468-7475.	14.6	68
40	Spectral photonic lattices with complex long-range coupling. Optica, 2017, 4, 1433.	9.3	87
41	Terahertz focusing of multiple wavelengths by graphene metasurfaces. Applied Physics Letters, 2016, 108, .	3.3	28
42	Invited Article: Broadband highly efficient dielectric metadevices for polarization control. APL Photonics, 2016, 1, .	5.7	320
43	Magnetic hyperbolic optical metamaterials. Nature Communications, 2016, 7, 11329.	12.8	113
44	Post-processing approach for tuning multi-layered metamaterials. Applied Physics Letters, 2014, 105, 151102.	3.3	16
45	Controlling plasmonic hot spots by interfering Airy beams. Optics Letters, 2012, 37, 3402.	3.3	41
46	Spatial dispersion of multilayer fishnet metamaterials. Optics Express, 2012, 20, 15100.	3.4	33
47	Temporal dynamics of all-optical switching in quadratic nonlinear directional couplers. Applied Physics Letters, 2012, 100, .	3.3	19
48	Liquid crystal based nonlinear fishnet metamaterials. Applied Physics Letters, 2012, 100, .	3.3	128
49	Spontaneous Parametric Down-Conversion and Quantum Walks in Arrays of Quadratic Nonlinear Waveguides. Physical Review Letters, 2012, 108, 023601.	7.8	71
50	Polarization-independent Fano resonances in arrays of core-shell nanoparticles. Physical Review B, 2012, 86, .	3.2	47
51	Effect of nonlinearity on dynamic diffraction and interband coupling in two-dimensional hexagonal photonic lattices. Physical Review A, 2012, 86, .	2.5	2
52	Broadband Unidirectional Scattering by Magneto-Electric Core-Shell Nanoparticles. ACS Nano, 2012, 6, 5489-5497.	14.6	277
53	Circular Dichroism in Biological Photonic Crystals and Cubic Chiral Nets. Physical Review Letters, 2011, 106, 103902.	7.8	136
54	Cascaded third harmonic generation in lithium niobate nanowaveguides. Applied Physics Letters, 2011, 98, .	3.3	26

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55	Dynamic Diffraction and Interband Transitions in Two-Dimensional Photonic Lattices. <i>Physical Review Letters</i> , 2011, 106, 083902.	7.8	16
56	Spectral pulse transformations and phase transitions in quadratic nonlinear waveguide arrays. <i>Optics Express</i> , 2011, 19, 23188.	3.4	18
57	Plasmonic Airy beam manipulation in linear optical potentials. <i>Optics Letters</i> , 2011, 36, 1164.	3.3	130
58	Control of light transmission in laser-written phase-shifted Bragg grating couplers. <i>Optics Letters</i> , 2011, 36, 1380.	3.3	6
59	Polychromatic nanofocusing of surface plasmon polaritons. <i>Physical Review B</i> , 2011, 83, .	3.2	23
60	Filamentation and supercontinuum generation by singular beams in self-focusing nonlinear media. <i>Journal of Optics (United Kingdom)</i> , 2011, 13, 064015.	2.2	14
61	Generation and Near-Field Imaging of Airy Surface Plasmons. <i>Physical Review Letters</i> , 2011, 107, 116802.	7.8	332
62	Bouncing plasmonic waves in half-parabolic potentials. <i>Physical Review A</i> , 2011, 84, .	2.5	2
63	Nonlinear dynamics with higher-order modes in lithium niobate waveguide arrays. <i>Applied Physics B: Lasers and Optics</i> , 2011, 104, 487-493.	2.2	4
64	Observation of Nonlinear Self-Trapping of Broad Beams in Defocusing Waveguide Arrays. <i>Physical Review Letters</i> , 2011, 106, 093901.	7.8	19
65	Polychromatic nanofocusing of surface plasmons. , 2011, , .		0
66	Bending light on a chip with Airy plasmons. , 2011, , .		0
67	Degenerate four-wave mixing of optical vortices assisted by self-phase and cross-phase modulation. <i>Proceedings of SPIE</i> , 2010, , .	0.8	3
68	Near-field studies of arrays of chirped subwavelength apertures. <i>Physica Status Solidi - Rapid Research Letters</i> , 2010, 4, 253-255.	2.4	2
69	Nonlinear Diffraction from a Virtual Beam. <i>Physical Review Letters</i> , 2010, 104, 083902.	7.8	43
70	Nonlinear surface waves in arrays of curved waveguides. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2010, 8, 62-66.	2.0	3
71	Influence of the substrate on negative index fishnet metamaterials. <i>Optics Communications</i> , 2010, 283, 4770-4774.	2.1	9
72	Phase Transitions of Nonlinear Waves in Quadratic Waveguide Arrays. <i>Physical Review Letters</i> , 2010, 105, 233905.	7.8	19

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73	Complete spectral gap in coupled dielectric waveguides embedded into metal. Applied Physics Letters, 2010, 97, 021106.	3.3	6
74	Tunable fishnet metamaterials infiltrated by liquid crystals. Applied Physics Letters, 2010, 96, .	3.3	97
75	Spatially engineered polarization states and optical vortices in uniaxial crystals. Optics Express, 2010, 18, 10848.	3.4	134
76	Supercontinuum generation with optical vortices. Optics Express, 2010, 18, 18368.	3.4	57
77	Polychromatic solitons and symmetry breaking in curved waveguide arrays. Optics Letters, 2010, 35, 1371.	3.3	8
78	Focusing-to-defocusing crossover in nonlinear periodic structures. Optics Letters, 2010, 35, 3213.	3.3	2
79	Lattice-controlled modulation instability in photorefractive feedback systems. Optics Letters, 2010, 35, 3568.	3.3	4
80	Optical switching in metal-slit arrays on nonlinear dielectric substrates. Optics Letters, 2010, 35, 4211.	3.3	17
81	Tilted response of fishnet metamaterials at near-infrared optical wavelengths. Physical Review B, 2010, 81, .	3.2	49
82	Nonlinear beam steering by fractional vortex dipoles. Physical Review A, 2009, 80, .	2.5	21
83	Pulse measurements by randomly quasi phase matched second harmonic generation in the regime of total internal reflection. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 175403.	1.5	9
84	Characterization of femtosecond pulses via transverse second-harmonic generation in random nonlinear media. Applied Physics B: Lasers and Optics, 2009, 95, 609-615.	2.2	18
85	Enhanced transmission of light through periodic and chirped lattices of nanoholes. Optics Communications, 2009, 282, 2023-2027.	2.1	6
86	Nonlinear reflection of optical beams in the media with a thermal nonlinearity. Laser Physics, 2009, 19, 1112-1116.	1.2	24
87	Observation of two-dimensional nonlocal gap solitons. Optics Letters, 2009, 34, 295.	3.3	61
88	Multiorde nonlinear diffraction in frequency doubling processes. Optics Letters, 2009, 34, 848.	3.3	96
89	Observation of nonlinear surface waves in modulated waveguide arrays. Optics Letters, 2009, 34, 2751.	3.3	10
90	Competing nonlinearities in quadratic nonlinear waveguide arrays. Optics Letters, 2009, 34, 3589.	3.3	20

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91	Third-harmonic generation via broadband cascading in disordered quadratic nonlinear media. Optics Express, 2009, 17, 20117.	3.4	33
92	Determination of topological charges of polychromatic optical vortices. Optics Express, 2009, 17, 23374.	3.4	121
93	Observation of optical azimuthons. Optics Express, 2009, 17, 23610.	3.4	25
94	Nonlinear control of light in periodic photonic structures: From waveguides to cavities. , 2009, , .		0
95	Frequency doubling by nonlinear diffraction in nonlinear photonic crystals. , 2009, , .		1
96	Cerenkov-Type Second-Harmonic Generation in Two-Dimensional Nonlinear Photonic Structures. IEEE Journal of Quantum Electronics, 2009, 45, 1465-1472.	1.9	107
97	All-Optical Control of Nonlinear Pattern Modes by Periodic Photonic Structures. IEEE Journal of Quantum Electronics, 2009, 45, 1380-1387.	1.9	5
98	Nonlinear photonics in multi-dimensional and complex photonic lattices. Proceedings of SPIE, 2009, , .	0.8	1
99	Simultaneous fs pulse spectral broadening and third harmonic generation in highly nonlinear fibre: experiments and simulations. Applied Physics B: Lasers and Optics, 2008, 91, 349-352.	2.2	25
100	Transverse second-harmonic generation from disordered nonlinear crystals. Open Physics, 2008, 6, .	1.7	3
101	Spatiotemporal toroidal waves from the transverse second-harmonic generation. Optics Letters, 2008, 33, 527.	3.3	20
102	Observation of polychromatic vortex solitons. Optics Letters, 2008, 33, 1851.	3.3	17
103	Experimental control of pattern formation by photonic lattices. Optics Letters, 2008, 33, 2509.	3.3	21
104	Nonlinear dynamics of two-color optical vortices in lithium niobate crystals. Optics Express, 2008, 16, 5406.	3.4	15
105	Spatiotemporal control of light by Bloch-mode dispersion in multi-core fibers. Optics Express, 2008, 16, 5878.	3.4	11
106	Observation of polychromatic gap solitons. Optics Express, 2008, 16, 5991.	3.4	5
107	Planar second-harmonic generation with noncollinear pumps in disordered media. Optics Express, 2008, 16, 14192.	3.4	40
108	Nonlocal gap soliton in liquid infiltrated photonic crystal fibres. , 2008, , .		0

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109	Generation of Second-Harmonic Bessel Beams by Transverse Phase-Matching in Annular Periodically Poled Structures. Japanese Journal of Applied Physics, 2008, 47, 6777-6783.	1.5	16
110	Multi-conical second harmonic waves via nonlinear diffractions in circularly poled nonlinear media. Proceedings of SPIE, 2008, , .	0.8	0
111	Spatiotemporal light localization in infiltrated waveguide arrays. , 2008, , .		0
112	Observation of Multivortex Solitons in Photonic Lattices. Physical Review Letters, 2008, 101, 013903.	7.8	78
113	Observation of diffraction-managed discrete solitons in curved waveguide arrays. Physical Review A, 2008, 78, .	2.5	50
114	Generation of Second-Harmonic Conical Waves via Nonlinear Bragg Diffraction. Physical Review Letters, 2008, 100, 103902.	7.8	124
115	Control of pattern formation in a single feedback system by photonic bandgap structures. Proceedings of SPIE, 2008, , .	0.8	0
116	Diffraction-managed solitons and nonlinear beam diffusion in modulated waveguide arrays. , 2008, , .		0
117	Bright beam deflection by steering beams with mixed phase dislocations. , 2008, , .		0
118	NONLINEAR OPTICS AND LIGHT LOCALIZATION IN PERIODIC PHOTONIC LATTICES. Journal of Nonlinear Optical Physics and Materials, 2007, 16, 1-25.	1.8	27
119	Optimised one-step compression of femtosecond fibre laser soliton pulses around 1550â€¦nm to below 30â€¦fs in highly nonlinear fibre. Electronics Letters, 2007, 43, 915.	1.0	12
120	Monitoring ultrashort pulses by transverse frequency doubling of counterpropagating pulses in random media. Applied Physics Letters, 2007, 91, .	3.3	48
121	Nonlinear Spectral-Spatial Control and Localization of Supercontinuum Radiation. Physical Review Letters, 2007, 99, 123901.	7.8	28
122	<title>Frequency doubling in SBN crystals with random ferroelectric domains in the thermal focusing regime</title>. , 2007, , .		1
123	<title>Experimental reconstruction of a nonlocal nonlinear response function of a thermal medium</title>. , 2007, , .		0
124	Generation of conical second harmonic waves by nonlinear Bragg diffraction in two-dimensional nonlinear photonic structures. , 2007, , .		1
125	Temporal nonlinear beam dynamics in infiltrated photonic-crystal fibers. Proceedings of SPIE, 2007, , .	0.8	0
126	<title>Optical lattices as nonlinear photonic crystals</title>. , 2007, , .		1

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127	Pulse monitoring based on transverse SHG in periodic and disordered media. Proceedings of SPIE, 2007, , .	0.8	1
128	Observation of nonlinear self-trapping in triangular photonic lattices. Optics Letters, 2007, 32, 397.	3.3	56
129	Managing Light in Nonlinear Disordered Media. Optics and Photonics News, 2007, 18, 30.	0.5	3
130	Trapped Supercontinuum and Multi-Color Gap Solitons. Optics and Photonics News, 2007, 18, 41.	0.5	5
131	Generation of Bessel beams by parametric frequency doubling in annular nonlinear periodic structures. Optics Express, 2007, 15, 4132.	3.4	33
132	Diffraction control in periodically curved two-dimensional waveguide arrays. Optics Express, 2007, 15, 9737.	3.4	47
133	Tunable diffraction and self-defocusing in liquid-filled photonic crystal fibers. Optics Express, 2007, 15, 12145.	3.4	81
134	Shaping and control of polychromatic light in nonlinear photonic lattices. Optics Express, 2007, 15, 13058.	3.4	21
135	Second-harmonic parametric scattering in ferroelectric crystals with disordered nonlinear domain structures. Optics Express, 2007, 15, 15868.	3.4	62
136	Broadband frequency doubling an unpoled SBN crystals in the thermal focusing regime. , 2007, , .		0
137	Light localization in azimuthally modulated Bessel photonic lattices. Journal of Materials Science: Materials in Electronics, 2007, 18, 277-283.	2.2	17
138	Broadband femtosecond frequency doubling in random media. Applied Physics Letters, 2006, 89, 191105.	3.3	120
139	Observation of Attraction between Dark Solitons. Physical Review Letters, 2006, 96, 043901.	7.8	246
140	Observation of Surface Gap Solitons in Semi-Infinite Waveguide Arrays. Physical Review Letters, 2006, 97, 083901.	7.8	186
141	Demonstration of all-optical beam steering in modulated photonic lattices. Optics Letters, 2006, 31, 1498.	3.3	45
142	Oblique interaction of spatial dark-soliton stripes in nonlocal media. Optics Letters, 2006, 31, 3010.	3.3	24
143	Spatial phase dislocations in femtosecond laser pulses. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 26.	2.1	30
144	Crossover from self-defocusing to discrete trapping in nonlinear waveguide arrays. Optics Express, 2006, 14, 254.	3.4	62

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145	Nonlinear Bloch modes in two-dimensional photonic lattices. Optics Express, 2006, 14, 1913.	3.4	49
146	Observation of light localization in modulated Bessel optical lattices. Optics Express, 2006, 14, 2825.	3.4	46
147	Two-dimensional self-trapped nonlinear photonic lattices. Optics Express, 2006, 14, 2851.	3.4	61
148	Observation of topological transformations of optical vortices in two-dimensional photonic lattices. Optics Express, 2006, 14, 8317.	3.4	43
149	Polychromatic nonlinear surface modes generated by supercontinuum light. Optics Express, 2006, 14, 11265.	3.4	31
150	Observation of spatial phase shift in dark soliton crossing. , 2006, , .		0
151	Bloch Oscillations and Zener Tunneling in Two-Dimensional Photonic Lattices. Physical Review Letters, 2006, 96, 053903.	7.8	247
152	Observation of nonlinear optical Tamm states in truncated photonic lattices. , 2006, , .		0
153	Reduced-Symmetry Two-Dimensional Solitons in Photonic Lattices. Physical Review Letters, 2006, 96, 023905.	7.8	71
154	A novel-type tunable and narrowband extreme ultraviolet radiation source based on high-harmonic conversion of picosecond laser pulses. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 1151-1155.	1.7	5
155	Experiments on Gaussian beams and vortices in optically induced photonic lattices. Journal of the Optical Society of America B: Optical Physics, 2005, 22, 1395.	2.1	36
156	Discrete interband mutual focusing in nonlinear photonic lattices. Optics Express, 2005, 13, 5369.	3.4	5
157	Focusing and correlation properties of white-light optical vortices. Optics Express, 2005, 13, 7393.	3.4	25
158	Nonlinear photonic lattices in anisotropic nonlocal self-focusing media. Optics Letters, 2005, 30, 869.	3.3	60
159	Tunable positive and negative refraction in optically induced photonic lattices. Optics Letters, 2005, 30, 2293.	3.3	33
160	Controlled Generation and Steering of Spatial Gap Solitons. Physical Review Letters, 2004, 93, 083905.	7.8	101
161	Nonlinear Bloch-Wave Interaction and Bragg Scattering in Optically Induced Lattices. Physical Review Letters, 2004, 92, 093901.	7.8	60
162	Modulational instability, solitons and beam propagation in spatially nonlocal nonlinear media. Journal of Optics B: Quantum and Semiclassical Optics, 2004, 6, S288-S294.	1.4	365

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163	Observation of Discrete Vortex Solitons in Optically Induced Photonic Lattices. Physical Review Letters, 2004, 92, 123903.	7.8	418
164	Observation of transverse instabilities in optically induced lattices. Optics Letters, 2004, 29, 259.	3.3	9
165	Attraction of nonlocal dark optical solitons. Optics Letters, 2004, 29, 286.	3.3	203
166	Soliton stripes in two-dimensional nonlinear photonic lattices. Optics Letters, 2004, 29, 486.	3.3	40
167	Mutual spatial-soliton trapping in photorefractive media: experiment versus theory. Applied Physics B: Lasers and Optics, 2003, 77, 421-426.	2.2	3
168	Generation of lattices of optical vortices. , 2003, 5226, 104.		0
169	High-Order Harmonic Generation Yielding Tunable Extreme-Ultraviolet Radiation of High Spectral Purity. Physical Review Letters, 2003, 91, 163901.	7.8	38
170	A narrow-band wavelength-tunable laser system delivering high-energy 300 ps pulses in the near-infrared. Review of Scientific Instruments, 2003, 74, 32-37.	1.3	17
171	Quadratic solitons as nonlocal solitons. Physical Review E, 2003, 68, 036614.	2.1	137
172	Ring dark solitary waves: Experiment versus theory. Physical Review E, 2002, 66, 066611.	2.1	47
173	<title>Optical vortex solitons and nonlinear Aharonov-Bohm effect</title>. , 2001, , .		0
174	Nonlinear Aharonov-Bohm Scattering by Optical Vortices. Physical Review Letters, 2001, 87, 043901.	7.8	30
175	Pulse compression to the subphonon lifetime region by half-cycle gain in transient stimulated Brillouin scattering. IEEE Journal of Quantum Electronics, 1999, 35, 1812-1816.	1.9	53