

Dragomir N. Neshev

List of Publications by Year in descending order

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175
papers

9,242
citations

34105

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docs citations

175
times ranked

6271
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Discrete Vortex Solitons in Optically Induced Photonic Lattices. <i>Physical Review Letters</i> , 2004, 92, 123903.	7.8	418
2	Modulational instability, solitons and beam propagation in spatially nonlocal nonlinear media. <i>Journal of Optics B: Quantum and Semiclassical Optics</i> , 2004, 6, S288-S294.	1.4	365
3	Generation and Near-Field Imaging of Airy Surface Plasmons. <i>Physical Review Letters</i> , 2011, 107, 116802.	7.8	332
4	Invited Article: Broadband highly efficient dielectric metadevices for polarization control. <i>APL Photonics</i> , 2016, 1, .	5.7	320
5	Broadband Unidirectional Scattering by Magneto-Electric Core-Shell Nanoparticles. <i>ACS Nano</i> , 2012, 6, 5489-5497.	14.6	277
6	Dynamic Beam Switching by Liquid Crystal Tunable Dielectric Metasurfaces. <i>ACS Photonics</i> , 2018, 5, 1742-1748.	6.6	248
7	Bloch Oscillations and Zener Tunneling in Two-Dimensional Photonic Lattices. <i>Physical Review Letters</i> , 2006, 96, 053903.	7.8	247
8	Observation of Attraction between Dark Solitons. <i>Physical Review Letters</i> , 2006, 96, 043901.	7.8	246
9	Quantum metasurface for multiphoton interference and state reconstruction. <i>Science</i> , 2018, 361, 1104-1108.	12.6	227
10	Attraction of nonlocal dark optical solitons. <i>Optics Letters</i> , 2004, 29, 286.	3.3	203
11	Observation of Surface Gap Solitons in Semi-Infinite Waveguide Arrays. <i>Physical Review Letters</i> , 2006, 97, 083901.	7.8	186
12	Optical metasurfaces: new generation building blocks for multi-functional optics. <i>Light: Science and Applications</i> , 2018, 7, 58.	16.6	176
13	Quadratic solitons as nonlocal solitons. <i>Physical Review E</i> , 2003, 68, 036614.	2.1	137
14	Circular Dichroism in Biological Photonic Crystals and Cubic Chiral Nets. <i>Physical Review Letters</i> , 2011, 106, 103902.	7.8	136
15	Spatially engineered polarization states and optical vortices in uniaxial crystals. <i>Optics Express</i> , 2010, 18, 10848.	3.4	134
16	Plasmonic Airy beam manipulation in linear optical potentials. <i>Optics Letters</i> , 2011, 36, 1164.	3.3	130
17	Enhanced second-harmonic generation from two-dimensional MoSe ₂ on a silicon waveguide. <i>Light: Science and Applications</i> , 2017, 6, e17060-e17060.	16.6	130
18	Liquid crystal based nonlinear fishnet metamaterials. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	128

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19	Boosting third-harmonic generation by a mirror-enhanced anapole resonator. <i>Light: Science and Applications</i> , 2018, 7, 44.	16.6	127
20	Generation of Second-Harmonic Conical Waves via Nonlinear Bragg Diffraction. <i>Physical Review Letters</i> , 2008, 100, 103902.	7.8	124
21	Determination of topological charges of polychromatic optical vortices. <i>Optics Express</i> , 2009, 17, 23374.	3.4	121
22	Broadband femtosecond frequency doubling in random media. <i>Applied Physics Letters</i> , 2006, 89, 191105.	3.3	120
23	Magnetic hyperbolic optical metamaterials. <i>Nature Communications</i> , 2016, 7, 11329.	12.8	113
24	Active Tuning of Spontaneous Emission by Mie-Resonant Dielectric Metasurfaces. <i>Nano Letters</i> , 2018, 18, 3461-3465.	9.1	111
25	Cerenkov-Type Second-Harmonic Generation in Two-Dimensional Nonlinear Photonic Structures. <i>IEEE Journal of Quantum Electronics</i> , 2009, 45, 1465-1472.	1.9	107
26	Controlled Generation and Steering of Spatial Gap Solitons. <i>Physical Review Letters</i> , 2004, 93, 083905.	7.8	101
27	Nonlinear Optical Magnetism Revealed by Second-Harmonic Generation in Nanoantennas. <i>Nano Letters</i> , 2017, 17, 3914-3918.	9.1	100
28	Tunable fishnet metamaterials infiltrated by liquid crystals. <i>Applied Physics Letters</i> , 2010, 96, .	3.3	97
29	Multiorde nonlinear diffraction in frequency doubling processes. <i>Optics Letters</i> , 2009, 34, 848.	3.3	96
30	Directional and Spectral Shaping of Light Emission with Mie-Resonant Silicon Nanoantenna Arrays. <i>ACS Photonics</i> , 2018, 5, 1359-1364.	6.6	88
31	Selective Third-Harmonic Generation by Structured Light in Mie-Resonant Nanoparticles. <i>ACS Photonics</i> , 2018, 5, 728-733.	6.6	87
32	Spectral photonic lattices with complex long-range coupling. <i>Optica</i> , 2017, 4, 1433.	9.3	87
33	Manipulation of Magnetic Dipole Emission from Eu^{3+} with Mie-Resonant Dielectric Metasurfaces. <i>Nano Letters</i> , 2019, 19, 1015-1022.	9.1	85
34	Tunable diffraction and self-defocusing in liquid-filled photonic crystal fibers. <i>Optics Express</i> , 2007, 15, 12145.	3.4	81
35	Observation of Multivortex Solitons in Photonic Lattices. <i>Physical Review Letters</i> , 2008, 101, 013903.	7.8	78
36	Magneto-Optical Response Enhanced by Mie Resonances in Nanoantennas. <i>ACS Photonics</i> , 2017, 4, 2390-2395.	6.6	76

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37	Enhanced light-matter interaction in two-dimensional transition metal dichalcogenides. Reports on Progress in Physics, 2022, 85, 046401.	20.1	74
38	Reduced-Symmetry Two-Dimensional Solitons in Photonic Lattices. Physical Review Letters, 2006, 96, 023905.	7.8	71
39	Spontaneous Parametric Down-Conversion and Quantum Walks in Arrays of Quadratic Nonlinear Waveguides. Physical Review Letters, 2012, 108, 023601.	7.8	71
40	Nonlinear Anisotropic Dielectric Metasurfaces for Ultrafast Nanophotonics. ACS Photonics, 2017, 4, 2129-2136.	6.6	70
41	Electrically Tunable Transparent Displays for Visible Light Based on Dielectric Metasurfaces. ACS Photonics, 2019, 6, 1533-1540.	6.6	69
42	Excited State Biexcitons in Atomically Thin MoSe ₂ . ACS Nano, 2017, 11, 7468-7475.	14.6	68
43	Tailoring Second-Harmonic Emission from (111)-GaAs Nanoantennas. Nano Letters, 2019, 19, 3905-3911.	9.1	66
44	Crossover from self-defocusing to discrete trapping in nonlinear waveguide arrays. Optics Express, 2006, 14, 254.	3.4	62
45	Second-harmonic parametric scattering in ferroelectric crystals with disordered nonlinear domain structures. Optics Express, 2007, 15, 15868.	3.4	62
46	Two-dimensional self-trapped nonlinear photonic lattices. Optics Express, 2006, 14, 2851.	3.4	61
47	Observation of two-dimensional nonlocal gap solitons. Optics Letters, 2009, 34, 295.	3.3	61
48	Nonlinear Bloch-Wave Interaction and Bragg Scattering in Optically Induced Lattices. Physical Review Letters, 2004, 92, 093901.	7.8	60
49	Nonlinear photonic lattices in anisotropic nonlocal self-focusing media. Optics Letters, 2005, 30, 869.	3.3	60
50	Supercontinuum generation with optical vortices. Optics Express, 2010, 18, 18368.	3.4	57
51	Observation of nonlinear self-trapping in triangular photonic lattices. Optics Letters, 2007, 32, 397.	3.3	56
52	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
53	Forward and Backward Switching of Nonlinear Unidirectional Emission from GaAs Nanoantennas. ACS Nano, 2020, 14, 1379-1389.	14.6	53
54	Third Harmonic Generation Enhanced by Multipolar Interference in Complementary Silicon Metasurfaces. ACS Photonics, 2018, 5, 1671-1675.	6.6	52

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55	Observation of diffraction-managed discrete solitons in curved waveguide arrays. <i>Physical Review A</i> , 2008, 78, .	2.5	50
56	Nonlinear Bloch modes in two-dimensional photonic lattices. <i>Optics Express</i> , 2006, 14, 1913.	3.4	49
57	Tilted response of fishnet metamaterials at near-infrared optical wavelengths. <i>Physical Review B</i> , 2010, 81, .	3.2	49
58	Tuning the second-harmonic generation in AlGaAs nanodimers via non-radiative state optimization [Invited]. <i>Photonics Research</i> , 2018, 6, B6.	7.0	49
59	Tunable unidirectional nonlinear emission from transition-metal-dichalcogenide metasurfaces. <i>Nature Communications</i> , 2021, 12, 5597.	12.8	49
60	Monitoring ultrashort pulses by transverse frequency doubling of counterpropagating pulses in random media. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	48
61	Ring dark solitary waves: Experiment versus theory. <i>Physical Review E</i> , 2002, 66, 066611.	2.1	47
62	Diffraction control in periodically curved two-dimensional waveguide arrays. <i>Optics Express</i> , 2007, 15, 9737.	3.4	47
63	Polarization-independent Fano resonances in arrays of core-shell nanoparticles. <i>Physical Review B</i> , 2012, 86, .	3.2	47
64	Metal-dielectric hybrid nanoantennas for efficient frequency conversion at the anapole mode. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 2306-2314.	2.8	47
65	Observation of light localization in modulated Bessel optical lattices. <i>Optics Express</i> , 2006, 14, 2825.	3.4	46
66	Demonstration of all-optical beam steering in modulated photonic lattices. <i>Optics Letters</i> , 2006, 31, 1498.	3.3	45
67	Active tuning of high-Q dielectric metasurfaces. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	44
68	Observation of topological transformations of optical vortices in two-dimensional photonic lattices. <i>Optics Express</i> , 2006, 14, 8317.	3.4	43
69	Nonlinear Diffraction from a Virtual Beam. <i>Physical Review Letters</i> , 2010, 104, 083902.	7.8	43
70	Controlling plasmonic hot spots by interfering Airy beams. <i>Optics Letters</i> , 2012, 37, 3402.	3.3	41
71	Reversible Image Contrast Manipulation with Thermally Tunable Dielectric Metasurfaces. <i>Small</i> , 2019, 15, 1805142.	10.0	41
72	Soliton stripes in two-dimensional nonlinear photonic lattices. <i>Optics Letters</i> , 2004, 29, 486.	3.3	40

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73	Planar second-harmonic generation with noncollinear pumps in disordered media. <i>Optics Express</i> , 2008, 16, 14192.	3.4	40
74	Edge Detection with Mie-Resonant Dielectric Metasurfaces. <i>ACS Photonics</i> , 2021, 8, 864-871.	6.6	39
75	High-Order Harmonic Generation Yielding Tunable Extreme-Ultraviolet Radiation of High Spectral Purity. <i>Physical Review Letters</i> , 2003, 91, 163901.	7.8	38
76	Nonlinear Goniometry by Second-Harmonic Generation in AlGaAs Nanoantennas. <i>ACS Photonics</i> , 2018, 5, 4386-4392.	6.6	37
77	Experiments on Gaussian beams and vortices in optically induced photonic lattices. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2005, 22, 1395.	2.1	36
78	Tunable positive and negative refraction in optically induced photonic lattices. <i>Optics Letters</i> , 2005, 30, 2293.	3.3	33
79	Generation of Bessel beams by parametric frequency doubling in annular nonlinear periodic structures. <i>Optics Express</i> , 2007, 15, 4132.	3.4	33
80	Third-harmonic generation via broadband cascading in disordered quadratic nonlinear media. <i>Optics Express</i> , 2009, 17, 20117.	3.4	33
81	Spatial dispersion of multilayer fishnet metamaterials. <i>Optics Express</i> , 2012, 20, 15100.	3.4	33
82	Nonlinear Symmetry Breaking in Symmetric Oligomers. <i>ACS Photonics</i> , 2017, 4, 454-461.	6.6	32
83	Polychromatic nonlinear surface modes generated by supercontinuum light. <i>Optics Express</i> , 2006, 14, 11265.	3.4	31
84	Nonlinear Aharonov-Bohm Scattering by Optical Vortices. <i>Physical Review Letters</i> , 2001, 87, 043901.	7.8	30
85	Spatial phase dislocations in femtosecond laser pulses. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2006, 23, 26.	2.1	30
86	Shaping the Nonlinear Emission Pattern of a Dielectric Nanoantenna by Integrated Holographic Gratings. <i>Nano Letters</i> , 2018, 18, 6750-6755.	9.1	30
87	Multidimensional synthetic chiral-tube lattices via nonlinear frequency conversion. <i>Light: Science and Applications</i> , 2020, 9, 132.	16.6	30
88	Surface Functionalization and Texturing of Optical Metasurfaces for Sensing Applications. <i>Chemical Reviews</i> , 2022, 122, 14990-15030.	47.7	29
89	Nonlinear Spectral-Spatial Control and Localization of Supercontinuum Radiation. <i>Physical Review Letters</i> , 2007, 99, 123901.	7.8	28
90	Terahertz focusing of multiple wavelengths by graphene metasurfaces. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	28

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91	NONLINEAR OPTICS AND LIGHT LOCALIZATION IN PERIODIC PHOTONIC LATTICES. Journal of Nonlinear Optical Physics and Materials, 2007, 16, 1-25.	1.8	27
92	Enhanced Four-Wave Mixing in Doubly Resonant Si Nanoresonators. ACS Photonics, 2019, 6, 1295-1301.	6.6	27
93	Cascaded third harmonic generation in lithium niobate nanowaveguides. Applied Physics Letters, 2011, 98, .	3.3	26
94	Resonant harmonic generation in AlGaAs nanoantennas probed by cylindrical vector beams. Nanoscale, 2019, 11, 1745-1753.	5.6	26
95	Focusing and correlation properties of white-light optical vortices. Optics Express, 2005, 13, 7393.	3.4	25
96	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
97	Observation of optical azimuthons. Optics Express, 2009, 17, 23610.	3.4	25
98	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
99	Oblique interaction of spatial dark-soliton stripes in nonlocal media. Optics Letters, 2006, 31, 3010.	3.3	24
100	Nonlinear reflection of optical beams in the media with a thermal nonlinearity. Laser Physics, 2009, 19, 1112-1116.	1.2	24
101	Polychromatic nanofocusing of surface plasmon polaritons. Physical Review B, 2011, 83, .	3.2	23
102	Shaping and control of polychromatic light in nonlinear photonic lattices. Optics Express, 2007, 15, 13058.	3.4	21
103	Experimental control of pattern formation by photonic lattices. Optics Letters, 2008, 33, 2509.	3.3	21
104	Nonlinear beam steering by fractional vortex dipoles. Physical Review A, 2009, 80, .	2.5	21
105	Highly-Efficient Longitudinal Second-Harmonic Generation from Doubly-Resonant AlGaAs Nanoantennas. Photonics, 2018, 5, 29.	2.0	21
106	Spatiotemporal toroidal waves from the transverse second-harmonic generation. Optics Letters, 2008, 33, 527.	3.3	20
107	Competing nonlinearities in quadratic nonlinear waveguide arrays. Optics Letters, 2009, 34, 3589.	3.3	20
108	Refractive index sensing with Fano resonances in silicon oligomers. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160070.	3.4	20

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109	Phase Transitions of Nonlinear Waves in Quadratic Waveguide Arrays. <i>Physical Review Letters</i> , 2010, 105, 233905.	7.8	19
110	Observation of Nonlinear Self-Trapping of Broad Beams in Defocusing Waveguide Arrays. <i>Physical Review Letters</i> , 2011, 106, 093901.	7.8	19
111	Temporal dynamics of all-optical switching in quadratic nonlinear directional couplers. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	19
112	Far-field pattern formation by manipulating the topological charges of square-shaped optical vortex lattices. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018, 35, 402.	2.1	19
113	Planar narrow bandpass filter based on Si resonant metasurface. <i>Journal of Applied Physics</i> , 2021, 130, .	2.5	19
114	Characterization of femtosecond pulses via transverse second-harmonic generation in random nonlinear media. <i>Applied Physics B: Lasers and Optics</i> , 2009, 95, 609-615.	2.2	18
115	Spectral pulse transformations and phase transitions in quadratic nonlinear waveguide arrays. <i>Optics Express</i> , 2011, 19, 23188.	3.4	18
116	A narrow-band wavelength-tunable laser system delivering high-energy 300 ps pulses in the near-infrared. <i>Review of Scientific Instruments</i> , 2003, 74, 32-37.	1.3	17
117	Light localization in azimuthally modulated Bessel photonic lattices. <i>Journal of Materials Science: Materials in Electronics</i> , 2007, 18, 277-283.	2.2	17
118	Observation of polychromatic vortex solitons. <i>Optics Letters</i> , 2008, 33, 1851.	3.3	17
119	Optical switching in metal-slit arrays on nonlinear dielectric substrates. <i>Optics Letters</i> , 2010, 35, 4211.	3.3	17
120	Generation of Second-Harmonic Bessel Beams by Transverse Phase-Matching in Annular Periodically Poled Structures. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 6777-6783.	1.5	16
121	Dynamic Diffraction and Interband Transitions in Two-Dimensional Photonic Lattices. <i>Physical Review Letters</i> , 2011, 106, 083902.	7.8	16
122	Post-processing approach for tuning multi-layered metamaterials. <i>Applied Physics Letters</i> , 2014, 105, 151102.	3.3	16
123	Nonlinear dynamics of two-color optical vortices in lithium niobate crystals. <i>Optics Express</i> , 2008, 16, 5406.	3.4	15
124	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
125	Optimised one-step compression of femtosecond fibre laser soliton pulses around 1550 nm to below 30 fs in highly nonlinear fibre. <i>Electronics Letters</i> , 2007, 43, 915.	1.0	12
126	Spatiotemporal control of light by Bloch-mode dispersion in multi-core fibers. <i>Optics Express</i> , 2008, 16, 5878.	3.4	11

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127	Observation of nonlinear surface waves in modulated waveguide arrays. <i>Optics Letters</i> , 2009, 34, 2751.	3.3	10
128	Observation of transverse instabilities in optically induced lattices. <i>Optics Letters</i> , 2004, 29, 259.	3.3	9
129	Pulse measurements by randomly quasi phase matched second harmonic generation in the regime of total internal reflection. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 175403.	1.5	9
130	Influence of the substrate on negative index fishnet metamaterials. <i>Optics Communications</i> , 2010, 283, 4770-4774.	2.1	9
131	Polychromatic solitons and symmetry breaking in curved waveguide arrays. <i>Optics Letters</i> , 2010, 35, 1371.	3.3	8
132	Nonlinear integrated photonics. <i>Photonics Research</i> , 2018, 6, NIP1.	7.0	8
133	Resonant Dielectric Metagratings for Response Intensified Optical Sensing. <i>Advanced Functional Materials</i> , 2022, 32, 2103143.	14.9	8
134	Enhanced transmission of light through periodic and chirped lattices of nanoholes. <i>Optics Communications</i> , 2009, 282, 2023-2027.	2.1	6
135	Complete spectral gap in coupled dielectric waveguides embedded into metal. <i>Applied Physics Letters</i> , 2010, 97, 021106.	3.3	6
136	Control of light transmission in laser-written phase-shifted Bragg grating couplers. <i>Optics Letters</i> , 2011, 36, 1380.	3.3	6
137	A novel-type tunable and narrowband extreme ultraviolet radiation source based on high-harmonic conversion of picosecond laser pulses. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 1151-1155.	1.7	5
138	Discrete interband mutual focusing in nonlinear photonic lattices. <i>Optics Express</i> , 2005, 13, 5369.	3.4	5
139	Trapped Supercontinuum and Multi-Color Gap Solitons. <i>Optics and Photonics News</i> , 2007, 18, 41.	0.5	5
140	Observation of polychromatic gap solitons. <i>Optics Express</i> , 2008, 16, 5991.	3.4	5
141	All-Optical Control of Nonlinear Pattern Modes by Periodic Photonic Structures. <i>IEEE Journal of Quantum Electronics</i> , 2009, 45, 1380-1387.	1.9	5
142	Lattice-controlled modulation instability in photorefractive feedback systems. <i>Optics Letters</i> , 2010, 35, 3568.	3.3	4
143	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
144	Mutual spatial-soliton trapping in photorefractive media: experiment versus theory. <i>Applied Physics B: Lasers and Optics</i> , 2003, 77, 421-426.	2.2	3

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145	Managing Light in Nonlinear Disordered Media. Optics and Photonics News, 2007, 18, 30.	0.5	3
146	Transverse second-harmonic generation from disordered nonlinear crystals. Open Physics, 2008, 6, .	1.7	3
147	Degenerate four-wave mixing of optical vortices assisted by self-phase and cross-phase modulation. Proceedings of SPIE, 2010, , .	0.8	3
148	Nonlinear surface waves in arrays of curved waveguides. Photonics and Nanostructures - Fundamentals and Applications, 2010, 8, 62-66.	2.0	3
149	Near-field studies of arrays of chirped subwavelength apertures. Physica Status Solidi - Rapid Research Letters, 2010, 4, 253-255.	2.4	2
150	Focusing-to-defocusing crossover in nonlinear periodic structures. Optics Letters, 2010, 35, 3213.	3.3	2
151	Bouncing plasmonic waves in half-parabolic potentials. Physical Review A, 2011, 84, .	2.5	2
152	Effect of nonlinearity on dynamic diffraction and interband coupling in two-dimensional hexagonal photonic lattices. Physical Review A, 2012, 86, .	2.5	2
153	<title>Frequency doubling in SBN crystals with random ferroelectric domains in the thermal focusing regime</title>. , 2007, , .		1
154	Generation of conical second harmonic waves by nonlinear Bragg diffraction in two-dimensional nonlinear photonic structures. , 2007, , .		1
155	<title>Optical lattices as nonlinear photonic crystals</title>. , 2007, , .		1
156	Pulse monitoring based on transverse SHG in periodic and disordered media. Proceedings of SPIE, 2007, , .	0.8	1
157	Frequency doubling by nonlinear diffraction in nonlinear photonic crystals. , 2009, , .		1
158	Nonlinear photonics in multi-dimensional and complex photonic lattices. Proceedings of SPIE, 2009, , .	0.8	1
159	Second order nonlinear frequency generation at the nanoscale in dielectric platforms. Advances in Physics: X, 2022, 7, .	4.1	1
160	<title>Optical vortex solitons and nonlinear Aharanov-Bohm effect</title>. , 2001, , .		0
161	Generation of lattices of optical vortices. , 2003, 5226, 104.		0
162	Observation of spatial phase shift in dark soliton crossing. , 2006, , .		0

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163	Observation of nonlinear optical Tamm states in truncated photonic lattices. , 2006, , .		0
164	<title>Experimental reconstruction of a nonlocal nonlinear response function of a thermal medium</title>. , 2007, , .		0
165	Temporal nonlinear beam dynamics in infiltrated photonic-crystal fibers. Proceedings of SPIE, 2007, , .	0.8	0
166	Broadband frequency doubling an unpoled SBN crystals in the thermal focusing regime. , 2007, , .		0
167	Nonlocal gap soliton in liquid infiltrated photonic crystal fibres. , 2008, , .		0
168	Multi-conical second harmonic waves via nonlinear diffractions in circularly poled nonlinear media. Proceedings of SPIE, 2008, , .	0.8	0
169	Spatiotemporal light localization in infiltrated waveguide arrays. , 2008, , .		0
170	Control of pattern formation in a single feedback system by photonic bandgap structures. Proceedings of SPIE, 2008, , .	0.8	0
171	Diffraction-managed solitons and nonlinear beam diffusion in modulated waveguide arrays. , 2008, , .		0
172	Bright beam deflection by steering beams with mixed phase dislocations. , 2008, , .		0
173	Nonlinear control of light in periodic photonic structures: From waveguides to cavities. , 2009, , .		0
174	Polychromatic nanofocusing of surface plasmons. , 2011, , .		0
175	Bending light on a chip with Airy plasmons. , 2011, , .		0