

Detlef Kip

List of Publications by Year in descending order

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198
papers

6,321
citations

136950

32
h-index

71685

76
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201
all docs

201
docs citations

201
times ranked

3565
citing authors

#	ARTICLE	IF	CITATIONS
1	Versatile metal-wire waveguides for broadband terahertz signal processing and multiplexing. Nature Communications, 2022, 13, 741.	12.8	29
2	Electronic quantum coherence in glycine molecules probed with ultrashort x-ray pulses in real time. Science Advances, 2022, 8, .	10.3	15
3	Fiber-optic sensor measuring spatial distributions of refractive index and temperature. Applied Optics, 2021, 60, 1428.	1.8	5
4	Watt-level 775-nm SHG with 70% conversion efficiency and 97% pump depletion in annealed/reverse proton exchanged diced PPLN ridge waveguides. Optics Express, 2021, 29, 11386.	3.4	11
5	Influence of diluted acid mixtures on selective etching of MHz- and kHz-fs-laser inscribed structures in YAG. Optical Materials Express, 2021, 11, 1546.	3.0	6
6	Design of Fiber-Tip Refractive Index Sensor Based on Resonant Waveguide Grating with Enhanced Peak Intensity. Applied Sciences (Switzerland), 2021, 11, 6737.	2.5	0
7	Multiplexing temperature-compensated open-cavity Fabry-Perot sensors at a fiber tip. Applied Optics, 2021, 60, 10402.	1.8	4
8	Table-top interferometry on extreme time and wavelength scales. Optics Express, 2021, 29, 40333.	3.4	3
9	Selective etching of 10 MHz repetition rate fs-laser inscribed tracks in YAG. EPJ Web of Conferences, 2021, 255, 10003.	0.3	0
10	Investigation of Ytterbium Incorporation in Lithium Niobate for Active Waveguide Devices. Applied Sciences (Switzerland), 2020, 10, 2189.	2.5	3
11	Auger electron wave packet interferometry on extreme timescales with coherent soft x-rays. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 244008.	1.5	10
12	KLu(WO ₄) ₂ /SiO ₂ Tapered Waveguide Platform for Sensing Applications. Micromachines, 2019, 10, 454.	2.9	1
13	Efficient Er and Nd:Ti:LiNbO ₃ Ridge Waveguide Lasers for the Development of Mid Infrared Sources. , 2019, , .		0
14	Dual parameter fiber-integrated sensor for refractive index and temperature measurement based on Fabry-Perot micro-resonators. Applied Optics, 2019, 58, 2076.	1.8	10
15	Efficient Nd:Ti:LiNbO ₃ ridge waveguide lasers emitting around 1085 nm. Optics Express, 2019, 27, 8884.	3.4	19
16	Coherent propulsion with negative-mass fields in a photonic lattice. Optics Letters, 2019, 44, 5949.	3.3	8
17	Fabrication of low-loss Rb-exchanged ridge waveguides in z-cut KTiOPO ₄ . Optical Materials Express, 2018, 8, 82.	3.0	16
18	Periodically poled ridge waveguides in KTP for second harmonic generation in the UV regime. Optics Express, 2018, 26, 28827.	3.4	16

#	ARTICLE	IF	CITATIONS
19	Efficient Ti:LiNbO ₃ ridge waveguide lasers: Investigation of Er and Yb:Er doped waveguides pumped at 980nm and 1486nm. , 2018, , .		0
20	Fabrication of ridge waveguides in potassium titanyl phosphate (KTP) for nonlinear frequency conversion. , 2018, , .		0
21	Attosecond interferometry with self-amplified spontaneous emission of a free-electron laser. Nature Communications, 2017, 8, 15626.	12.8	33
22	Er:Ti:LiNbO ₃ ridge waveguide optical amplifiers by optical grade dicing and three-side Er and Ti in-diffusion. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	24
23	Rb/Ba side-diffused ridge waveguides in KTP. Optics Express, 2017, 25, 19872.	3.4	3
24	Nd:sapphire channel waveguide laser. Optical Materials Express, 2017, 7, 2361.	3.0	9
25	Efficient ridge waveguide amplifiers and lasers in Er-doped lithium niobate by optical grade dicing and three-side Er and Ti in-diffusion. Optics Express, 2017, 25, 29374.	3.4	40
26	Split-And-Delay Unit for FEL Interferometry in the XUV Spectral Range. Applied Sciences (Switzerland), 2017, 7, 544.	2.5	9
27	Fiber-integrated refractive index sensor based on a diced Fabry-Pérot micro-resonator. Applied Optics, 2017, 56, 9139.	1.8	11
28	Second harmonic generation of diamond-blade diced KTiOPO ₄ ridge waveguides. Optics Express, 2016, 24, 16434.	3.4	25
29	Low loss ridge waveguides in lithium niobate thin films by optical grade diamond blade dicing. Optics Express, 2016, 24, 1386.	3.4	80
30	Quasi-phase-matched frequency conversion in ridge waveguides fabricated by ion implantation and diamond dicing of MgO:LiNbO ₃ crystals. Optics Express, 2015, 23, 30188.	3.4	50
31	Bright discrete solitons in spatially modulated DNLS systems. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 345201.	2.1	0
32	Asymmetric Wave Propagation Through Saturable Nonlinear Oligomers. Photonics, 2014, 1, 390-403.	2.0	7
33	Characterization of diced ridge waveguides in pure and Er-doped lithium-niobate-on-insulator (LNOI) substrates. , 2014, , .		5
34	Density dependence of refractive index of nanoparticle-derived titania films on glass. Thin Solid Films, 2014, 558, 86-92.	1.8	17
35	Ridge waveguide lasers in Nd:YAG ceramics produced by combining swift heavy ion irradiation and precise diamond blade dicing. , 2014, , .		0
36	Revisiting the \mathcal{P} - \mathcal{T} -symmetric trimer: bifurcations, ghost states and associated dynamics. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 375304.	2.1	24

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37	Spontaneous symmetry breaking of gap solitons in defect-loaded uniform one-dimensional photonic lattices. <i>Physical Review A</i> , 2013, 88, .	2.5	3
38	Fluorescence in planar and ridge waveguides fabricated in Erbium-Doped lithium-niobate-on-insulator (Er:LNOI). , 2013, , .		1
39	Multistable regime and intermediate solutions in a nonlinear saturable coupler. <i>Physical Review A</i> , 2013, 87, .	2.5	6
40	Ultra-smooth ridge waveguides in lithium niobate fabricated by diamond blade dicing and high temperature in-diffusion of titanium. , 2013, , .		0
41	Precision-dicing of Nd:YAG ridge waveguides: A new platform for efficient integrated lasers. , 2013, , .		0
42	Ridge waveguide lasers in Nd:YAG crystals produced by combining swift heavy ion irradiation and precise diamond blade dicing. <i>Optical Materials Express</i> , 2013, 3, 433.	3.0	58
43	Observation of discrete gap solitons in one-dimensional waveguide arrays with alternating spacings and saturable defocusing nonlinearity. <i>Optics Letters</i> , 2012, 37, 1253.	3.3	15
44	Dynamics of gap solitons in one-dimensional binary lattices with saturable self-defocusing nonlinearity and alternating spacing. <i>Physical Review A</i> , 2012, 86, .	2.5	3
45	Dark lattice solitons in one-dimensional waveguide arrays with defocusing saturable nonlinearity and alternating couplings. <i>European Physical Journal D</i> , 2012, 66, 1.	1.3	11
46	Dark-bright gap solitons in coupled-mode one-dimensional saturable waveguide arrays. <i>Physical Review A</i> , 2011, 83, .	2.5	19
47	Linear and nonlinear light propagation at the interface of two homogeneous waveguide arrays. <i>Optics Express</i> , 2011, 19, 1158.	3.4	6
48	Resonant delocalization and Bloch oscillations in modulated lattices. <i>Optics Letters</i> , 2011, 36, 1464.	3.3	11
49	Two-wave mixing of ion-implanted photorefractive waveguides in near-stoichiometric Fe:LiNbO ₃ crystals. <i>Optical Materials</i> , 2011, 33, 773-776.	3.6	7
50	Quasi-one-dimensional photonic lattices and superlattices in lithium niobate: Linear and nonlinear discrete diffraction of light. <i>Physics of Wave Phenomena</i> , 2010, 18, 1-6.	1.1	9
51	Observation of parity-time symmetry in optics. <i>Nature Physics</i> , 2010, 6, 192-195.	16.7	2,860
52	Resonant Delocalization of Light in Engineered Bloch Waveguide Arrays. , 2010, , .		0
53	Wave propagation in waveguide arrays with alternating positive and negative couplings. <i>Physical Review A</i> , 2010, 81, .	2.5	44
54	Hofstadter butterflies in nonlinear Harper lattices, and their optical realizations. <i>New Journal of Physics</i> , 2010, 12, 053017.	2.9	14

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55	Formation of higher-band dark gap solitons in one dimensional waveguide arrays. Optics Express, 2010, 18, 27493.	3.4	5
56	Observation of Parity-Time Symmetry in Optical Systems. Optics and Photonics News, 2010, 21, 47.	0.5	4
57	Nonlinear Effects in One-Dimensional Photonic Lattices. Springer Series in Optical Sciences, 2010, , 3-19.	0.7	0
58	Experimental Observation of Rabi Oscillations in Photonic Lattices. Physical Review Letters, 2009, 102, 123905.	7.8	92
59	Nonlinear localization of light within 1D photonic lattices and superlattices optically induced in photorefractive lithium niobate using projection technique. , 2009, , .		0
60	Experimental Demonstration of Optical Wave Propagation in PT-Symmetric Potentials. , 2009, , .		0
61	Photorefractive properties of optical waveguides in Fe:LiNbO_3 crystals produced by O^{3+} ion implantation. Applied Physics B: Lasers and Optics, 2009, 94, 467-471.	2.2	12
62	Gap and dark solitons in discrete photorefractive media with intensity-resonant nonlinearity. Applied Physics B: Lasers and Optics, 2009, 95, 525-530.	2.2	1
63	Raman spectroscopy study of compositional inhomogeneity in lithium tantalate crystals. Applied Physics B: Lasers and Optics, 2009, 95, 125-130.	2.2	9
64	Optically-induced defect states in photonic lattices: formation of defect channels, directional couplers, and disordered lattices leading to Anderson-like light localization. Applied Physics B: Lasers and Optics, 2009, 95, 537-543.	2.2	16
65	Gap solitons in defocusing lithium niobate binary waveguide arrays fabricated by proton implantation and selective light illumination. Applied Physics B: Lasers and Optics, 2009, 95, 531-535.	2.2	16
66	Investigation of the mutual repelling and attraction of dark spatial solitons in a proton-implanted planar waveguide in lithium niobate. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 1590-1593.	0.6	1
67	One-dimensional bulk and planar photorefractive photonic superlattices in lithium niobate: features of linear and nonlinear discrete diffraction. , 2009, , .		1
68	Discrete diffraction of light in optically induced bulk and planar photonic superlattices in photorefractive lithium niobate. Russian Physics Journal, 2008, 51, 943-948.	0.4	0
69	Mode-selective coupler for wavelength multiplexing using $\text{LiNbO}_3:\text{Ti}$ optical waveguides. Open Physics, 2008, 6, .	1.7	6
70	Linear and nonlinear light localization within photorefractive photonic superlattices in lithium niobate. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 1617-1619.	0.6	1
71	Formation of dark spatial solitons in planar ion-implanted lithium niobate waveguides. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 1620-1622.	0.6	1
72	Higher-band gap soliton formation in defocusing photonic lattices. Optics Letters, 2008, 33, 2056.	3.3	6

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73	Measurement of the enhanced evanescent fields of integrated waveguides for optical near-field sensing. Applied Optics, 2008, 47, 2357.	2.1	4
74	Optical transitions and Rabi oscillations in waveguide arrays. Optics Express, 2008, 16, 10309.	3.4	46
75	Reconfigurable optical channel waveguides in lithium niobate crystals produced by combination of low-dose O ³⁺ ion implantation and selective white light illumination. Optics Express, 2008, 16, 10465.	3.4	38
76	Formation of reconfigurable optical channel waveguides and beam splitters on top of proton-implanted lithium niobate crystals using spatial dark soliton-like structures. Journal Physics D: Applied Physics, 2008, 41, 102001.	2.8	13
77	Dark photovoltaic spatial solitons in a planar waveguide obtained by proton implantation in lithium niobate. Quantum Electronics, 2008, 38, 1045-1047.	1.0	6
78	Spectroscopy of nonlinear band structures of one-dimensional photonic crystals. Physical Review A, 2008, 77, .	2.5	6
79	Spatial Frequency Combs and Supercontinuum Generation in One-Dimensional Photonic Lattices. Physical Review Letters, 2008, 101, 183903.	7.8	10
80	Modulational instability and solitary waves in one-dimensional lattices with intensity-resonant nonlinearity. Physical Review A, 2008, 78, .	2.5	9
81	Linear and nonlinear light localization within optically induced photonic superlattices in lithium niobate. , 2008, , .		0
82	Dark spatial photovoltaic solitons and soliton-induced waveguide elements in ion-implanted planar lithium niobate waveguides. Proceedings of SPIE, 2008, , .	0.8	1
83	Novel type of one-dimensional discrete vector solitons. , 2007, , .		0
84	Saturable discrete vector solitons in one-dimensional photonic lattices. Physical Review A, 2007, 76, .	2.5	10
85	Experimental observation of modulational instability in the 1st and 2nd band of a self-defocusing nonlinear waveguide array. , 2007, , .		0
86	Suppression of discrete diffraction within modulated one-dimensional photorefractive photonic lattices in lithium niobate. , 2007, , .		0
87	Interaction of counterpropagating discrete solitons and nonlinear surface Tamm states in 1D waveguide arrays. , 2007, , .		0
88	Experimental observation of modulational instability in the 1st and 2nd band of a self-defocusing nonlinear waveguide array. , 2007, , .		0
89	Comparative Study of Composition Dependences of Photorefractive and Related Effects in LiNbO ₃ and LiTaO ₃ Crystals. Ferroelectrics, 2007, 352, 61-71.	0.6	11
90	Interaction of counterpropagating discrete solitons in a nonlinear one-dimensional waveguide array. Optics Letters, 2007, 32, 512.	3.3	19

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91	Tamm oscillations in semi-infinite nonlinear waveguide arrays. Optics Letters, 2007, 32, 823.	3.3	22
92	Observation of higher-order solitons in defocusing waveguide arrays. Optics Letters, 2007, 32, 1950.	3.3	23
93	Optical modes at the interface between two dissimilar discrete meta-materials. Optics Express, 2007, 15, 4663.	3.4	35
94	Higher-band modulational instability in photonic lattices. Optics Express, 2007, 15, 6324.	3.4	8
95	Interaction of counterpropagating discrete solitons and nonlinear surface Tamm states in 1D waveguide arrays. , 2007, , .		0
96	Modeling of ZnO nanorods for evanescent field optical sensors. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 3487-3495.	1.8	23
97	Integrated-optical add/drop multiplexer for DWDM in lithium niobate. Applied Physics B: Lasers and Optics, 2007, 88, 83-88.	2.2	12
98	Light propagation in double-periodic nonlinear photonic lattices in lithium niobate. Applied Physics B: Lasers and Optics, 2007, 88, 359-362.	2.2	15
99	Discrete Spatial Surface Solitons at the Interface Between Dissimilar Arrays. , 2007, , .		1
100	Discrete Spatial Surface Solitons at the Interface Between Dissimilar Arrays. , 2007, , .		0
101	Experimental Observation of One-Dimensional Saturable Discrete Vector Solitons. , 2007, , .		0
102	Observation of modulational instability in discrete media with self-defocusing nonlinearity. Optics Letters, 2006, 31, 247.	3.3	33
103	Observation of staggered surface solitary waves in one-dimensional waveguide arrays. Optics Letters, 2006, 31, 2338.	3.3	143
104	Prism coupling method to excite and analyze Floquet-Bloch modes in linear and nonlinear waveguide arrays. Optics Letters, 2006, 31, 2768.	3.3	20
105	Dark and bright blocker soliton interaction in defocusing waveguide arrays. Optics Express, 2006, 14, 11248.	3.4	27
106	<title>Discrete diffraction and spatial self-action of a light beam within optically induced photonic lattice in lithium niobate</title>. , 2006, , .		0
107	<title>Observation of bright discrete gap solitons in one-dimensional photonic lattices in lithium niobate</title>. , 2006, 6180, 395.		0
108	Modulational instability in one-dimensional saturable waveguide arrays: Comparison with Kerr nonlinearity. Optics Communications, 2006, 267, 229-235.	2.1	13

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109	Linear and nonlinear propagation of light beams in two-dimensional photorefractive photonic lattices formed in lithium niobate. Russian Physics Journal, 2006, 49, 964-969.	0.4	2
110	Influence of short-wavelength radiation of the visible range on the optical transmission of photorefractive lithium niobate samples. Russian Physics Journal, 2006, 49, 1236-1240.	0.4	0
111	Quantitative evaluation of the electro-optic effect and second-order optical nonlinearity of lithium tantalate crystals of different compositions using Raman and infrared spectroscopy. Applied Physics B: Lasers and Optics, 2006, 82, 423-430.	2.2	18
112	Pattern formation by spatially incoherent light in a nonlinear ring cavity. Applied Physics B: Lasers and Optics, 2006, 85, 135-138.	2.2	6
113	Integrated optical electric field sensor based on a Bragg grating in lithium niobate. Applied Physics B: Lasers and Optics, 2006, 86, 91-95.	2.2	23
114	Photorefractive Waveguides. , 2006, , 289-315.		3
115	Beam interactions in one-dimensional saturable waveguide arrays. Physical Review E, 2006, 74, 046614.	2.1	25
116	Optical channel waveguides in Nd:YVO4 crystal produced by O+ ion implantation. Applied Physics Letters, 2006, 88, 071123.	3.3	38
117	Formation and light guiding properties of dark solitons in one-dimensional waveguide arrays. Physical Review E, 2006, 74, 065601.	2.1	45
118	<title>Propagation of a light beam in lithium niobate waveguide arrays: from discrete diffraction to discrete self-focusing</title>. , 2005, 5851, 96.		0
119	Steering of bright discrete photovoltaic solitons in lithium niobate waveguide arrays. Proceedings of SPIE, 2005, , .	0.8	0
120	The growth of photorefractive planar BTO/BSO and BTO/BGO waveguide. Journal of Crystal Growth, 2005, 275, e2403-e2407.	1.5	6
121	Dynamics of bright discrete staggered solitons in photovoltaic photorefractive media. European Physical Journal B, 2005, 45, 539-546.	1.5	20
122	Discrete Diffraction and Spatial Self-Action of Light Beams in One-Dimensional Photonic Lattices in Lithium Niobate. Technical Physics Letters, 2005, 31, 897.	0.7	4
123	Magnesium-doped near-stoichiometric lithium tantalate crystals for nonlinear optics. Physica Status Solidi (A) Applications and Materials Science, 2005, 202, 1120-1123.	1.8	5
124	Discrete diffraction and spatial gap solitons in photovoltaic LiNbO3 waveguide arrays. Optics Express, 2005, 13, 4314.	3.4	149
125	Discrete Diffraction of Light Beams within Photorefractive Photonic Lattices in Lithium Niobate. , 2005, , .		0
126	Quasi-Nonvolatile Photorefractive Gratings in Iron-Copper-Doped Surface Layers of Lithium Niobate. , 2005, , .		0

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127	Steering properties of bright discrete staggered solitons in photovoltaic photorefractive media. , 2005, , .		0
128	Dynamics of discrete photorefractive solitons. , 2005, , .		0
129	Linear and Nonlinear Light Propagation in Lithium Niobate Waveguide Arrays. , 2005, , .		0
130	Steering properties of the bright discrete staggered solitons in photovoltaic photorefractive media. , 2005, , .		0
131	Power Controlled Soliton Stability and Steering in Lattices with Saturable Nonlinearity. Physical Review Letters, 2004, 93, 033901.	7.8	108
132	Photorefractive properties of undoped lithium tantalate crystals for various composition. Journal of Applied Physics, 2004, 96, 7455-7459.	2.5	19
133	Modulational instability on triangular dynamical lattices with long-range interactions and dispersion. European Physical Journal B, 2004, 41, 495-501.	1.5	5
134	Photorefractive properties of iron-doped lithium tantalate crystals. Applied Physics B: Lasers and Optics, 2004, 78, 615-622.	2.2	12
135	One-dimensional bright discrete solitons in media with saturable nonlinearity. Physical Review E, 2004, 69, 066618.	2.1	60
136	Fabrication and application of holographic Bragg gratings in lithium niobate channel waveguides. Journal Physics D: Applied Physics, 2003, 36, R1-R16.	2.8	116
137	<title>Bright photorefractive spatial solitons in barium-calcium titanate crystals</title>. , 2003, , .		0
138	Formation of photorefractive spatial solitons in barium-calcium titanate crystals. , 2003, , .		0
139	Holographic Reflection Filters in Photorefractive LiNbO3 Channel Waveguides. , 2003, , 113-132.		2
140	Spatial Optical Soliton Propagation in He-Implanted SBN Waveguides Investigated by Scanning Near-Field Optical Microscopy. , 2003, , .		0
141	All-Optical Signal Routing Using Interaction of Mutually Incoherent Spatial Solitons. Ferroelectrics, 2002, 274, 135-142.	0.6	18
142	(1+1)-Dimensional modulation instability of spatially incoherent light. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 502.	2.1	48
143	Photorefractive properties of lithium and copper in-diffused lithium niobate crystals. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 1822.	2.1	16
144	Observation of Two-Dimensional Spatial Solitons in Iron-Doped Barium-Calcium Titanate Crystals. Physica Status Solidi A, 2002, 189, r4-r5.	1.7	5

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145	All-Optical Signal Routing Using Interaction of Mutually Incoherent Spatial Solitons. <i>Ferroelectrics</i> , 2002, 274, 135-142.	0.6	3
146	Pattern formation and clustering of solitons in nonlinear weakly-correlated wave-systems. , 2002, , .		0
147	Transmission of images through highly nonlinear media by gradient-index lenses formed by incoherent solitons. <i>Optics Letters</i> , 2001, 26, 524.	3.3	24
148	Self-trapping of bright rings. <i>Optics Letters</i> , 2001, 26, 911.	3.3	22
149	<title>Dark spatial optical solitons in lithium niobate waveguides</title>. , 2001, , .		1
150	Electric-field enhancement of beam coupling in Sn ₂ P ₂ S ₆ . <i>Applied Physics B: Lasers and Optics</i> , 2001, 72, 707-710.	2.2	22
151	Permanent narrow-band reflection holograms for infrared light recorded in LiNbO ₃ :Ti:Cu channel waveguides. <i>Applied Physics B: Lasers and Optics</i> , 2001, 72, 749-753.	2.2	26
152	Electrical fixing of waveguide channels in strontium-barium niobate crystals. <i>Applied Physics B: Lasers and Optics</i> , 2001, 72, 733-736.	2.2	15
153	Photorefractive steady state solitons up to telecommunication wavelengths in planar SBN waveguides. <i>Optics Communications</i> , 2001, 188, 69-76.	2.1	39
154	Influence of oxidizing treatments on the photorefractive properties of ferroelectric lead germanate crystals. <i>Ferroelectrics</i> , 2001, 256, 81-89.	0.6	3
155	Temporal development of photorefractive solitons up to telecommunication wavelengths in strontium-barium niobate waveguides. <i>Physical Review E</i> , 2001, 64, 036613.	2.1	37
156	All-Optical Signal Router Based on the Interaction of Mutually Incoherent Solitons. , 2001, , .		0
157	Permanent narrow-band reflection holograms in copper-doped lithium niobate channel waveguides for optical communications. , 2001, , .		0
158	Thermal tuning of a fixed Bragg grating for IR light fabricated in a LiNbO ₃ :Ti channel waveguide. <i>Applied Physics B: Lasers and Optics</i> , 2000, 70, 73-75.	2.2	9
159	Eliminating the Transverse Instabilities of Kerr Solitons. <i>Physical Review Letters</i> , 2000, 85, 4888-4891.	7.8	76
160	Observation of two-dimensional multimode solitons. <i>Optics Letters</i> , 2000, 25, 1113.	3.3	79
161	Modulation Instability of Spatially Incoherent Light Beams and Pattern Formation in Incoherent Wave Systems. <i>Optics and Photonics News</i> , 2000, 11, 34.	0.5	2
162	Modulation Instability and Pattern Formation in Spatially Incoherent Light Beams. <i>Science</i> , 2000, 290, 495-498.	12.6	302

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163	Observation of dark spatial photovoltaic solitons in planar waveguides in lithium niobate. Journal of Optics, 2000, 2, 500-503.	1.5	27
164	Investigation of titanium- and copper-indiffused channel waveguides in lithium niobate and their application as holographic filters for infrared light. Journal of Optics, 2000, 2, 481-487.	1.5	22
165	<title>Photorefractive waveguides</title>. , 1999, , .		0
166	Multiple phase gratings in pure, Yb- and P-doped Pb5Ge3O11 after different thermal treatments. Journal of Applied Physics, 1999, 86, 1186-1190.	2.5	3
167	Two-step two-color recording in a photorefractive praseodymium-doped La3Ga5SiO14 crystal. Applied Physics Letters, 1999, 74, 4037-4039.	3.3	8
168	Dynamic properties of multiple grating formation in doped and thermally treated lead germanate. Applied Physics B: Lasers and Optics, 1999, 68, 887-891.	2.2	21
169	Interaction of spatial photorefractive solitons in a planar waveguide. Applied Physics B: Lasers and Optics, 1999, 68, 971-974.	2.2	37
170	Copper Diffusion into Lithium Niobate. Physica Status Solidi A, 1999, 172, r3-r4.	1.7	14
171	Direct laser writing of surface reliefs in dry, self-developing photopolymer films. Applied Optics, 1999, 38, 5418.	2.1	37
172	Nonvolatile holographic storage in iron-doped lithium tantalate with continuous-wave laser light. Optics Letters, 1999, 24, 1302.	3.3	33
173	Bright photorefractive spatial solitons in optical waveguides on SBN. , 1999, , .		0
174	<title>Formation of diffractive optics in photopolymer films by direct laser beam writing</title>. , 1999, , .		0
175	Holographic Measurement of Dark Conductivity in LiNbO3:Ti:Fe Planar Optical Waveguides. Physica Status Solidi A, 1998, 168, R3-R4.	1.7	9
176	Holographic Recording in Planar Cu:H:LiTaO3 Waveguides. Physica Status Solidi A, 1998, 169, 171-180.	1.7	8
177	Thermal fixing of holographic gratings in planar LiNbO 3 :Ti:Fe waveguides. Applied Physics B: Lasers and Optics, 1998, 66, 333-338.	2.2	17
178	All-optical beam deflection and switching in strontiumâ€“bariumâ€“niobate waveguides. Applied Physics Letters, 1998, 72, 1960-1962.	3.3	29
179	Thermally induced self-focusing and optical beam interactions in planar strontium barium niobate waveguides. Optics Letters, 1998, 23, 343.	3.3	25
180	Observation of bright spatial photorefractive solitons in a planar strontium barium niobate waveguide. Optics Letters, 1998, 23, 921.	3.3	40

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181	Thermally fixed reflection gratings for infrared light in LiNbO ₃ :Ti:Fe channel waveguides. Optics Letters, 1998, 23, 1405.	3.3	27
182	Photorefractive effect in doped Pb ₅ Ge ₃ O ₁₁ and in (Pb ^{1-x} Ba ^x) ₅ Ge ₃ O ₁₁ . Journal of Applied Physics, 1998, 83, 3473-3479.	2.5	34
183	<title>Growth and photorefractive properties of doped PbPb crystals and of (Pb$1-x$Bax)Pb solid solutions</title>, 1998, 3554, 205.	4	4
184	<title>Surface relief gratings in self-developing photopolymer films</title>. , 1998, 3294, 84.		1
185	<title>Self-developing photopolymer system with ultraviolet sensitivity</title>. , 1997, , .		0
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