

# Kenji Kintaka

## List of Publications by Year in descending order

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175  
papers

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201674

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docs citations

175  
times ranked

1660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Examination of structure and optical properties of Ce <sup>3+</sup> -doped strontium borate glass by regression analysis. Scientific Reports, 2021, 11, 3811.	3.3	19
2	Narrowband focusing retroreflector with a thin-film structure. Applied Physics Express, 2021, 14, 082003.	2.4	6
3	Multidimensional angle sensing method using guided-mode resonance. Optical Review, 2021, 28, 650-654.	2.0	0
4	An apodization method for grating coupler in waveguide cavity. , 2021, , .		1
5	Narrow-bandpass filter using orthogonally propagating guided-mode resonance with doubly periodic grating. , 2021, , .		0
6	Guided-mode Resonance Filter for Micro-optic Spectrometer. , 2020, , .		2
7	Plasmonic chip enhanced fluorescence biosensor in the back illumination system. Electronics and Communications in Japan, 2020, 103, 9-14.	0.5	0
8	Dimensional Transformations of Guided-Mode Resonant Photonic Lattices. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	0
9	Retroreflection by Cavity-Resonator-Integrated Guided-Mode Resonance Mirror. , 2020, , .		1
10	Thin-Film Narrowband Retroreflector Based on Waveguide Grating Structure. IEEE Photonics Technology Letters, 2020, 32, 933-936.	2.5	2
11	Cavity-resonator-integrated guided-mode resonance mirror with high-confinement channel structure for improvement of reflectance. Optical Review, 2019, 26, 436-441.	2.0	6
12	Vertically Stacked and Directionally Coupled Cavity-Resonator-Integrated Grating Couplers for Integrated-Optic Beam Steering. , 2019, , .		2
13	Cavity-Resonator-Integrated Grating Couplers. , 2019, , .		0
14	Design of cavity-resonator-integrated guided-mode resonance narrowband-pass filter. , 2019, , .		1
15	Narrowband Retroreflector Using Guided Mode Resonance for Oblique Incidence. , 2019, , .		2
16	Guided-Mode Resonance in Waveguide Cavity. , 2018, , .		0
17	Wavelength matching of resonance reflection and guided-wave launching for high-performance CRIGF. , 2018, , .		0
18	Cavity-Resonator-Integrated Guided-Mode Resonance Filters for Compact WDM Light Source. , 2018, , .		0

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19	Wavelength division multiplexer based on cavity-resonator-integrated guided-mode resonance filters for a compact multi-wavelength light source. Optics Express, 2018, 26, 2212.	3.4	13
20	Grating-Position-Shifted Cavity-Resonator- Integrated Guided-Mode Resonance Filter. IEEE Photonics Technology Letters, 2017, 29, 201-204.	2.5	19
21	Reflection-phase spectra of cavity-resonator-integrated guided-mode resonance devices. Japanese Journal of Applied Physics, 2017, 56, 072001.	1.5	4
22	Guided-wave leaking cavity-resonator-integrated guided-mode resonance filters for a compact WDM light source. , 2017, , .		0
23	Position Dependence of Coupling Efficiency of Grating Coupler in Waveguide Cavity. , 2017, , .		3
24	Output position variation in grating coupler integrated in waveguide resonator. , 2017, , .		2
25	Flat-top narrowband filters enabled by guided-mode resonance in two-level waveguides. Optics Letters, 2017, 42, 4127.	3.3	36
26	Optimal Structure of a Plasmonic Chip for Sensitive Bio-Detection with the Grating-Coupled Surface Plasmon-Field Enhanced Fluorescence (GC-SPF). Materials, 2017, 10, 1063.	2.9	14
27	Guided-mode resonances in two-story waveguides. , 2017, , .		0
28	Cavity-resonator-integrated guided-mode resonance band-stop reflector. Optics Express, 2016, 24, 15120.	3.4	14
29	High reflectance with steep reflection phase spectrum by guided-mode resonance. Applied Physics Express, 2016, 9, 122501.	2.4	8
30	Characterization of CRIGF integrated on DBR substrate. , 2016, , .		0
31	Integrated optic device for narrow-band reflection and guided-wave launching. , 2016, , .		6
32	Narrowband-Stop Reflector Using Guided-Mode Resonance in Waveguide Cavity for WDM Optical Interconnects. , 2016, , .		1
33	Cavity-resonator-integrated guided-mode resonance filter with position-shifted grating coupler. , 2016, , .		0
34	Reflectance Change by Grating-Position Shifting in Cavity-Resonator-Integrated Guided-Mode Resonance Filter. , 2015, , .		5
35	Coupled-mode analysis of grating-position-shifted cavity-resonator-integrated guided-mode resonance filter. , 2015, , .		4
36	Experimental study on reflection phase rotation of cavity-resonator-integrated guided-mode resonance filter. , 2015, , .		0

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37	Lens-Less Coupling of Cavity-Resonator-Integrated Guided-Mode Resonance Filter. Journal of Lightwave Technology, 2015, 33, 5278-5283.	4.6	8
38	Reflection optical notch filtering behavior of cavity-resonator-integrated guided-mode resonance mirror. , 2015, , .		3
39	Guided-mode resonance mirrors for vertical cavities. , 2015, , .		0
40	Determination of cavity length of cavity-resonator-integrated guided-mode resonance filter. Optics Express, 2015, 23, 3020.	3.4	13
41	Reflection characteristics of guided-mode resonance filter combined with bottom mirror. Optics Letters, 2014, 39, 1893.	3.3	19
42	Optimal cavity length in cavity-resonator-integrated guided-mode resonance filter. , 2014, , .		0
43	Combined blazed grating and microlens array for color image sensing. Japanese Journal of Applied Physics, 2014, 53, 032501.	1.5	7
44	Cavity-resonator-integrated guided-mode resonance filter with several grating lines in aperture. , 2014, , .		1
45	Proposal of integrated-optic wavelength-selective modulator based on coupling-efficiency control of distributed Bragg reflector in straight waveguide. , 2014, , .		0
46	Recent research progress on cavity-resonator-integrated guided-mode resonance devices. , 2014, , .		1
47	Proposal of in-line wavelength-selective modulator based on waveguide interferometer. IEICE Transactions on Electronics, 2014, E97.C, 749-754.	0.6	0
48	Measurement of Cavity Length in Cavity-Resonator-Integrated Guided-Mode Resonance Filter. , 2014, , .		0
49	Proposal of waveguide interferometer for inline wavelength-selective modulator. , 2013, , .		1
50	Direct coupling of cavity-resonator-integrated guided-mode resonance filter to a single-mode optical fiber. , 2013, , .		0
51	Reflection characteristics of cavity-resonator-integrated guided-mode resonance mirror. , 2013, , .		0
52	Cavity-resonator-integrated guided-mode resonance filters. Proceedings of SPIE, 2013, , .	0.8	0
53	Cavity-Resonator-Integrated Guided-Mode Resonance Filter with Nonuniform Grating Coupler for Efficient Coupling with Gaussian Beam. Applied Physics Express, 2013, 6, 102203.	2.4	14
54	Reflection-phase variation of cavity-resonator-integrated guided-mode-resonance reflector for guided-mode-exciting surface laser mirror. , 2013, , .		14

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55	Reflection characteristics of cavity-resonator-integrated guided-mode resonance devices. , 2013, , .		1
56	Cavity-resonator-integrated guided-mode resonance filter in channel waveguide. IEICE Electronics Express, 2013, 10, 20130444-20130444.	0.8	26
57	Cavity-resonator-integrated guided-mode resonance filter consisting of curved gratings. Electronics Letters, 2012, 48, 717.	1.0	23
58	Cavity-resonator-integrated guided-mode resonance filter for aperture miniaturization. Optics Express, 2012, 20, 1444.	3.4	94
59	Ultra-small, self-holding, optical gate switch using Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> with a multi-mode Si waveguide. Optics Express, 2012, 20, 10283.	3.4	92
60	Polarization-independent guided-mode resonance filter with cross-integrated waveguide resonators. Optics Letters, 2012, 37, 3264.	3.3	38
61	Aperture Miniaturization of Guided-Mode Resonance Filter by Cavity Resonator Integration. Applied Physics Express, 2012, 5, 022201.	2.4	58
62	Cavity-resonator-integrated guided-mode resonance filter with reflection phase variation. , 2012, , .		1
63	Different-guided-mode-coupling DBR for inline wavelength-selective modulator. , 2012, , .		0
64	Optical I/O couplers for WDM optical-interconnect system in package. , 2012, , .		0
65	Recent research progress on WDM optical interconnects for high-performance system in package. , 2012, , .		0
66	Guided-mode resonance filter integrated with a resonator of curved DBRs. , 2012, , .		0
67	Small-aperture guided-mode-resonance filter with cavity resonators. , 2012, , .		0
68	A compound of RGB-splitter and condensers for compact image sensor. , 2012, , .		0
69	Polarization-Independent Guided-Mode Resonance Filter with Crossed Integration of Waveguide Cavity Resonators. , 2012, , .		0
70	Fabrication of Embedded 45-Degree Micromirror Using Liquid-Immersion Exposure for Single-Mode Optical Waveguides. Journal of Lightwave Technology, 2012, 30, 1563-1568.	4.6	20
71	Small-sized self-holding optical switch using phase-change material. , 2011, , .		0
72	Ultrafast All-Optical Gating Operation Using Michelson Interferometer for Hybrid Integration of Intersubband Transition Switch on Si Platform. IEEE Photonics Technology Letters, 2011, 23, 1884-1886.	2.5	4

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73	Proposal of small-aperture guided-mode resonance filter. , 2011, , .		30
74	First Demonstration of Cavity-Resonator-Integrated Guided-Mode Resonance Filter. , 2011, , .		0
75	Phase error compensation for multilayered AWG in LCOS-based WSS. IEICE Electronics Express, 2011, 8, 2054-2060.	0.8	2
76	Free-space-wave add/drop multiplexing for WDM optical interconnect system in package. , 2011, , .		1
77	Optical Nonlinear Properties and Carrier Plasma Effect at Low Carrier Density in Silicon Wire Waveguides. IEEE Journal of Quantum Electronics, 2011, 47, 1208-1213.	1.9	3
78	Integrated-Optic Free-Space-Wave Coupler for Package-Level On-Board Optical Interconnects. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 590-596.	2.9	8
79	Phase-shifting mask design for interference exposure of chirp blazed grating. Optical Review, 2011, 18, 99-102.	2.0	1
80	Sensitive bioimaging in microfluidic channels on the plasmonic substrate: Application of an enhanced fluorescence based on the reverse coupling mode. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 221, 261-267.	3.9	19
81	An application of a plasmonic chip with enhanced fluorescence to a simple biosensor with extended dynamic range. Sensors and Actuators B: Chemical, 2011, 157, 703-709.	7.8	17
82	1&#x00D7;6 multicasting operation in an LCOS-and-AWG-based wavelength selective switch. , 2011, , .		1
83	Phase change characteristics of Ge 2 Sb 2 Te 5 thin film for a self-holding optical gate switch. Proceedings of SPIE, 2011, , .	0.8	3
84	Demonstration of 1000-times switching of phase-change optical gate with Si wire waveguides. Electronics Letters, 2011, 47, 268.	1.0	9
85	Fast aberration-correcting algorithm for an SLM-based optical switch. IEICE Electronics Express, 2010, 7, 1728-1734.	0.8	2
86	Enhanced Fluorescence Microscopic Imaging by Plasmonic Nanostructures: From a 1D Grating to a 2D Nanohole Array. Advanced Functional Materials, 2010, 20, 945-950.	14.9	68
87	Hydrogenated Amorphous Silicon Carbide Optical Waveguide for Telecommunication Wavelength Applications. Applied Physics Express, 2010, 3, 122201.	2.4	20
88	Surface profile dependence of the photon coupling efficiency and enhanced fluorescence in the grating-coupled surface plasmon resonance. Journal of Applied Physics, 2010, 107, .	2.5	11
89	Four-wave mixing in hydrogenated amorphous silicon waveguides at 1.55 &#x00B5;m. , 2010, , .		0
90	Continuous Emission-Point Shift in Vertical-Cavity Surface-Emitting Laser Controlled by Optical Feedback. Japanese Journal of Applied Physics, 2010, 49, 010206.	1.5	0

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91	Small-sized optical gate switch using Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> phase-change material integrated with silicon waveguide. Electronics Letters, 2010, 46, 368.	1.0	52
92	Reversible optical gate switching in Si wire waveguide integrated with Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> thin film. Electronics Letters, 2010, 46, 1460.	1.0	25
93	Fabrication of Antireflective Subwavelength Structure on Spherical Glass Surface Using Imprinting Process. Applied Physics Express, 2010, 3, 112501.	2.4	39
94	Four-Port Optical Switch Having Three Connection States With Si Waveguides. IEEE Photonics Technology Letters, 2010, , .	2.5	0
95	Ultrafast nonlinear effects in hydrogenated amorphous silicon wire waveguide. Optics Express, 2010, 18, 5668.	3.4	99
96	Low-crosstalk 2 Å– 2 thermo-optic switch with silicon wire waveguides. Optics Express, 2010, 18, 9071.	3.4	115
97	Potential characterization of free-space-wave drop demultiplexer using cavity-resonator-integrated grating input/output coupler. Optics Express, 2010, 18, 25108.	3.4	8
98	Cavity-resonator-integrated grating input/output coupler for high-efficiency vertical coupling with a small aperture. Optics Letters, 2010, 35, 1989.	3.3	32
99	Eight-Channel WDM Intraboard Optical Interconnect Device by Integration of Add/Drop Multiplexers in Thin-Film Waveguide. Journal of Lightwave Technology, 2010, 28, 1398-1403.	4.6	15
100	Free-space-wave drop demultiplexer using cavity-resonator-integrated grating couplers. , 2010, , .		0
101	Cavity-resonator-integrated grating input/output couplers for WDM optical-interconnect system in package. , 2010, , .		0
102	Research progress on free-space-wave add/drop multiplexing for WDM optical-interconnect system in packaging. , 2010, , .		1
103	Femtosecond index dynamics in silicon wire waveguides. , 2009, , .		4
104	45&#x00B0; micromirror embedded in a single-mode waveguide fabricated by using liquid immersion exposure. , 2009, , .		1
105	Application of Grating Substrate Fabricated by Nanoimprint Lithography to Surface Plasmon Field-Enhanced Fluorescence Microscopy and Study of Its Optimum Structure. Japanese Journal of Applied Physics, 2009, 48, 062002.	1.5	5
106	Mold Design and Fabrication for Surface Relief Gratings by Glass Nanoimprint. Japanese Journal of Applied Physics, 2009, 48, 06FH20.	1.5	12
107	Grating Substrates Fabricated by Nanoimprint Lithography for Fluorescence Microscopy. Japanese Journal of Applied Physics, 2009, 48, 06FH17.	1.5	10
108	Influence of groove depth and surface profile on fluorescence enhancement by grating-coupled surface plasmon resonance. Optical Review, 2009, 16, 216-221.	2.0	28

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109	Nano-textured metallic surfaces for optical sensing and detection applications. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 207, 126-134.	3.9	36
110	Transmittance enhancement of a wire-grid polarizer by antireflection coating. Applied Optics, 2009, 48, 316.	2.1	30
111	Periodic sub-wavelength structures with large phase retardation fabricated by glass nanoimprint. Journal of the Ceramic Society of Japan, 2009, 117, 1134-1137.	1.1	10
112	100-Fold Enhancement of Fluorescence Imaging by Two-Dimensional-Grating-Coupled Surface Plasmon Resonance. , 2009, , .		0
113	Mid-infrared wire-grid polarizer with silicides. Optics Letters, 2008, 33, 258.	3.3	66
114	Surface-relief gratings with high spatial frequency fabricated using direct glass imprinting process. Optics Letters, 2008, 33, 428.	3.3	36
115	Optical microscopic observation of fluorescence enhanced by grating-coupled surface plasmon resonance. Optics Express, 2008, 16, 9781.	3.4	92
116	Design of resonance grating coupler. Optics Express, 2008, 16, 12207.	3.4	40
117	Gigabits-per-Second Signal Transmission from Single-Mode Vertical-Cavity Surface-Emitting Laser via Thin-Film Waveguide for Wavelength-Division-Multiplexing Optical Interconnect Board. Japanese Journal of Applied Physics, 2008, 47, 6664-6666.	1.5	10
118	Glass Imprinting Process for Fabrication of Sub-Wavelength Periodic Structures. Japanese Journal of Applied Physics, 2008, 47, 4746-4750.	1.5	20
119	8-Channel WDM Optical Interconnect Device using Add-Drop Multiplexers Integrated in a Thin-Film Waveguide. , 2008, , .		3
120	Development of Ag Alloy Thin Film With Both High Reflectance and Adhesion for High Density Opt-Electronic Module. IEEE Transactions on Components and Packaging Technologies, 2007, 30, 302-308.	1.3	2
121	Vertically Y-Branched Mode Splitter/Combiner for Intraboard Chip-to-Chip Optical Interconnection with Wavelength-Division Multiplexing. Japanese Journal of Applied Physics, 2007, 46, 5499.	1.5	8
122	Transmission loss characteristics of silicon nitride waveguides fabricated by liquid source plasma enhanced chemical vapor deposition. Thin Solid Films, 2007, 515, 3816-3819.	1.8	7
123	Signal Transmission from VCSEL in Thin-Film-Waveguide WDM Optical Interconnects Board. , 2007, , .		0
124	WDM Signal Transmission in a Thin-Film Waveguide for Optical Interconnection. IEEE Photonics Technology Letters, 2006, 18, 2299-2301.	2.5	20
125	Simultaneous interference exposure of different-period DBRs for intra-board WDM optical interconnection. Optics Express, 2006, 14, 7057.	3.4	10
126	Free-space-wave drop demultiplexing waveguide device fabricated by use of the interference exposure method. Applied Optics, 2006, 45, 22.	2.1	8



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127	Superprism Effect of a Triangular One-Dimensional Photonic Crystal Embedded in a Slab Waveguide of a Ta <sub>2</sub> O <sub>5</sub> Core with SiO <sub>2</sub> Cladding. Japanese Journal of Applied Physics, 2006, 45, L1001-L1003.	1.5	2
128	Resonance Modes in Si Micro-Cubic Cavity Coupled with Ge:SiO <sub>2</sub> Waveguide. Japanese Journal of Applied Physics, 2006, 45, 6663-6666.	1.5	0
129	Integration of Eight Different-Period DBRs by Interference Exposure for Intra-board WDM Optical Interconnection. , 2006, , .		0
130	Fabrication of Photonic Crystal Rod by Hot Vacuum Stacking Method Using Multicomponent Glass. Journal of the Ceramic Society of Japan, 2005, 113, 373-375.	1.3	2
131	Integrated-Optic Add/Drop Multiplexing of Free-Space Waves for Intra-Board Chip-to-Chip Optical Interconnects. Japanese Journal of Applied Physics, 2005, 44, 7987-7992.	1.5	16
132	Ultrasmall demultiplexer by use of one-dimensional photonic crystal. Optics Letters, 2005, 30, 192.	3.3	14
133	Optical Signal Transmission with Waveguide Add-Drop Multiplexer of Free - Space Waves for Optical Interconnects. , 2005, , .		0
134	Temperature Dependence of B- and F-Doped SiO <sub>2</sub> Waveguide Bragg Grating on a Crystallized Glass Substrate. Japanese Journal of Applied Physics, 2004, 43, L1315-L1317.	1.5	2
135	Periodic precipitation of crystalline Ge nanoparticles in Ge- <sup>B</sup> -SiO <sub>2</sub> thin glass films. Applied Physics Letters, 2004, 85, 3734-3736.	3.3	14
136	A Guided-Mode-Selective Focusing Grating Coupler. IEEE Photonics Technology Letters, 2004, 16, 512-514.	2.5	35
137	Integrated waveguide gratings for wavelength-demultiplexing of free space waves from guided waves. Optics Express, 2004, 12, 3072.	3.4	20
138	Direct laser writing of thermally stabilized channel waveguides with Bragg gratings. Optics Express, 2004, 12, 4589.	3.4	9
139	High-efficiency transmission gratings buried in a fused-SiO <sub>2</sub> glass plate. Applied Optics, 2004, 43, 1327.	2.1	25
140	Compact and monolithic coarse wavelength-division multiplexer- <sup>demultiplexer</sup> fabricated by use of a high-spatial-frequency transmission grating buried in a slab waveguide. Optics Letters, 2004, 29, 1188.	3.3	6
141	<title>Fabrication of high-temperature-resistant laser-induced gratings with large refractive index modulation: space-selective precipitation of Ge nanoparticles in glasses</title>. , 2004, , .		0
142	Fabrication of Two-Dimensional Gratings Using Photosensitive Gel Films and Their Characterization. Journal of Sol-Gel Science and Technology, 2003, 26, 903-907.	2.4	8
143	Athermalization of a silica-based waveguide with a UV-induced bragg grating on a crystallized glass substrate. Journal of Lightwave Technology, 2003, 21, 831-836.	4.6	11
144	Single-step photopatterning of diffraction. Optics Express, 2003, 11, 1144.	3.4	22

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145	Photosensitive and athermal glasses for optical channel waveguides. Journal of Non-Crystalline Solids, 2003, 326-327, 464-471.	3.1	10
146	Fabrication of volume grating induced in silica glass by femtosecond laser. , 2003, , .		6
147	Thermo- and Photo-sensitive GeO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> Thin Glass Films. Japanese Journal of Applied Physics, 2003, 42, 559-563.	1.5	11
148	Photo- and thermo-induced refractive index change of GeO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> thin films fabricated by PECVD. , 2003, , .		1
149	Athermal optical waveguide filter fabricated by short pulse laser irradiation. , 2003, 4830, 361.		0
150	Two Dimensional Antireflection Microstructure on Silica Glass.. Journal of the Ceramic Society of Japan, 2003, 111, 24-27.	1.3	21
151	Preparation of channel waveguides with extremely thermally stabilized laser-induced gratings. , 2003, 5063, 491.		0
152	Volume Grating Induced by a Self-Trapped Long Filament of Femtosecond Laser Pulses in Silica Glass. Japanese Journal of Applied Physics, 2003, 42, 6916-6919.	1.5	53
153	Thermally stabilized photoinduced Bragg gratings. Applied Physics Letters, 2002, 81, 2364-2366.	3.3	9
154	Low-Reflection Microstructure Formed by Sol-Gel Process. Japanese Journal of Applied Physics, 2002, 41, 5210-5213.	1.5	9
155	Bragg Grating Formation in Polyimide Waveguide by Ultraviolet Light Irradiation. Japanese Journal of Applied Physics, 2002, 41, 6390-6393.	1.5	1
156	Temperature sensitivity of UV-induced Bragg gratings in silica-based waveguides on crystallized glass substrate. , 2002, 4640, 149.		0
157	Application of photosensitive GeO <sub>2</sub> -B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> thin films to optical waveguide. , 2002, , .		0
158	Temperature sensitivity of Ge-SiO <sub>2</sub> waveguide Bragg gratings on a crystallized glass substrate. Optics Letters, 2002, 27, 1394.	3.3	28
159	Antireflection microstructures fabricated upon fluorine-doped SiO <sub>2</sub> films. Optics Letters, 2001, 26, 1642.	3.3	75
160	<title>Micropatterning of photosensitive gel films using the two-ultraviolet-beam interference method</title>. , 2000, 3943, 38.		1
161	Title is missing!. Journal of Sol-Gel Science and Technology, 2000, 19, 119-123.	2.4	25
162	Diffraction gratings of photosensitive ZrO <sub>2</sub> gel films fabricated with the two-ultraviolet-beam interference method. Applied Optics, 2000, 39, 489.	2.1	41

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163	Pair generation of Ge electron centers and self-trapped hole centers in GeO <sub>2</sub> -SiO <sub>2</sub> glasses by KrF excimer-laser irradiation. Physical Review B, 1999, 60, 7166-7169.	3.2	39
164	<title>Correlation filter design for classification of road sign by multiple optical correlators</title>. , 1999, , .		4
165	Fabrication of ferroelectric-domain-inverted gratings in LiNbO <sub>3</sub> by applying voltage using etched-Si stamper electrode. Electronics Letters, 1998, 34, 880.	1.0	10
166	Third harmonic generation of Nd:YAG laser light in periodically poled LiNbO <sub>3</sub> waveguide. Electronics Letters, 1997, 33, 1459.	1.0	36
167	Resonant waveguide quasi-phase-matched SHG devices with electrooptic phase-modulator for tuning. IEEE Journal of Selected Topics in Quantum Electronics, 1996, 2, 396-400.	2.9	11
168	Theoretical analysis of squeezed-light generation by second-harmonic generation. IEEE Journal of Quantum Electronics, 1996, 32, 690-700.	1.9	18
169	High-efficiency LiNbO <sub>3</sub> waveguide second-harmonic generation devices with ferroelectric-domain-inverted gratings fabricated by applying voltage. Journal of Lightwave Technology, 1996, 14, 462-468.	4.6	95
170	Efficient ultraviolet light generation by LiNbO <sub>3</sub> waveguide first-order quasi-phase-matched second-harmonic generation devices. Electronics Letters, 1996, 32, 2237.	1.0	25
171	Enhancement of SHG efficiency in periodically poled LiNbO <sub>3</sub> waveguide utilising a resonance effect. Electronics Letters, 1996, 32, 1283.	1.0	3
172	Fabrication of ferroelectric-domain-inverted gratings for LiNbO <sub>3</sub> second harmonic generation devices by voltage application. Electronics and Communications in Japan, 1995, 78, 24-33.	0.2	0
173	LiNbO <sub>3</sub> waveguide quasi-phase-matching second harmonic generation devices with ferroelectric-domain-inverted gratings formed by electron-beam scanning. Journal of Lightwave Technology, 1993, 11, 1360-1368.	4.6	46
174	Blue light generation in LiNbO <sub>3</sub> waveguide SHG device with first order domain-inverted grating formed by EB scanning. Electronics Letters, 1992, 28, 1868.	1.0	31
175	Generation of Periodic Sawtooth Optical Intensity by Phase-Shifting Mask. Applied Physics Express, 0, 1, 022005.	2.4	2