

Kenji Kintaka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6510107/publications.pdf>

Version: 2024-02-01

175
papers

2,445
citations

201674

27
h-index

254184

43
g-index

175
all docs

175
docs citations

175
times ranked

1660
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-crosstalk 2 Å– 2 thermo-optic switch with silicon wire waveguides. Optics Express, 2010, 18, 9071.	3.4	115
2	Ultrafast nonlinear effects in hydrogenated amorphous silicon wire waveguide. Optics Express, 2010, 18, 5668.	3.4	99
3	High-efficiency LiNbO ₃ /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
4	Cavity-resonator-integrated guided-mode resonance filter for aperture miniaturization. Optics Express, 2012, 20, 1444.	3.4	94
5	Optical microscopic observation of fluorescence enhanced by grating-coupled surface plasmon resonance. Optics Express, 2008, 16, 9781.	3.4	92
6	Ultra-small, self-holding, optical gate switch using Ge ₂ Sb ₂ Te ₅ with a multi-mode Si waveguide. Optics Express, 2012, 20, 10283.	3.4	92
7	Antireflection microstructures fabricated upon fluorine-doped SiO ₂ films. Optics Letters, 2001, 26, 1642.	3.3	75
8	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
9	Mid-infrared wire-grid polarizer with silicides. Optics Letters, 2008, 33, 258.	3.3	66
10	Aperture Miniaturization of Guided-Mode Resonance Filter by Cavity Resonator Integration. Applied Physics Express, 2012, 5, 022201.	2.4	58
11	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
12	Small-sized optical gate switch using Ge ₂ Sb ₂ Te ₅ phase-change material integrated with silicon waveguide. Electronics Letters, 2010, 46, 368.	1.0	52
13	LiNbO ₃ /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
14	Diffraction gratings of photosensitive ZrO ₂ gel films fabricated with the two-ultraviolet-beam interference method. Applied Optics, 2000, 39, 489.	2.1	41
15	Design of resonance grating coupler. Optics Express, 2008, 16, 12207.	3.4	40
16	Pair generation of Ge electron centers and self-trapped hole centers in GeO ₂ -SiO ₂ glasses by KrF excimer-laser irradiation. Physical Review B, 1999, 60, 7166-7169.	3.2	39
17	Fabrication of Antireflective Subwavelength Structure on Spherical Glass Surface Using Imprinting Process. Applied Physics Express, 2010, 3, 112501.	2.4	39
18	Polarization-independent guided-mode resonance filter with cross-integrated waveguide resonators. Optics Letters, 2012, 37, 3264.	3.3	38

#	ARTICLE	IF	CITATIONS
19	Third harmonic generation of Nd:YAG laser light in periodically poled LiNbO ₃ waveguide. Electronics Letters, 1997, 33, 1459.	1.0	36
20	Surface-relief gratings with high spatial frequency fabricated using direct glass imprinting process. Optics Letters, 2008, 33, 428.	3.3	36
21	Nano-textured metallic surfaces for optical sensing and detection applications. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 207, 126-134.	3.9	36
22	Flat-top narrowband filters enabled by guided-mode resonance in two-level waveguides. Optics Letters, 2017, 42, 4127.	3.3	36
23	A Guided-Mode-Selective Focusing Grating Coupler. IEEE Photonics Technology Letters, 2004, 16, 512-514.	2.5	35
24	Cavity-resonator-integrated grating input/output coupler for high-efficiency vertical coupling with a small aperture. Optics Letters, 2010, 35, 1989.	3.3	32
25	Blue light generation in LiNbO ₃ waveguide SHG device with first order domain-inverted grating formed by EB scanning. Electronics Letters, 1992, 28, 1868.	1.0	31
26	Transmittance enhancement of a wire-grid polarizer by antireflection coating. Applied Optics, 2009, 48, 316.	2.1	30
27	Proposal of small-aperture guided-mode resonance filter. , 2011, , .		30
28	Temperature sensitivity of GeO ₂ /SiO ₂ waveguide Bragg gratings on a crystallized glass substrate. Optics Letters, 2002, 27, 1394.	3.3	28
29	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
30	Cavity-resonator-integrated guided-mode resonance filter in channel waveguide. IEICE Electronics Express, 2013, 10, 20130444-20130444.	0.8	26
31	Efficient ultraviolet light generation by LiNbO ₃ waveguide first-order quasi-phase-matched second-harmonic generation devices. Electronics Letters, 1996, 32, 2237.	1.0	25
32	Title is missing!. Journal of Sol-Gel Science and Technology, 2000, 19, 119-123.	2.4	25
33	High-efficiency transmission gratings buried in a fused-SiO ₂ glass plate. Applied Optics, 2004, 43, 1327.	2.1	25
34	Reversible optical gate switching in Si wire waveguide integrated with Ge ₂ Sb ₂ Te ₅ thin film. Electronics Letters, 2010, 46, 1460.	1.0	25
35	Cavity-resonator-integrated guided-mode resonance filter consisting of curved gratings. Electronics Letters, 2012, 48, 717.	1.0	23
36	Single-step photopatterning of diffraction. Optics Express, 2003, 11, 1144.	3.4	22

#	ARTICLE	IF	CITATIONS
37	Two Dimensional Antireflection Microstructure on Silica Glass.. Journal of the Ceramic Society of Japan, 2003, 111, 24-27.	1.3	21
38	Integrated waveguide gratings for wavelength-demultiplexing of free space waves from guided waves. Optics Express, 2004, 12, 3072.	3.4	20
39	WDM Signal Transmission in a Thin-Film Waveguide for Optical Interconnection. IEEE Photonics Technology Letters, 2006, 18, 2299-2301.	2.5	20
40	Glass Imprinting Process for Fabrication of Sub-Wavelength Periodic Structures. Japanese Journal of Applied Physics, 2008, 47, 4746-4750.	1.5	20
41	Hydrogenated Amorphous Silicon Carbide Optical Waveguide for Telecommunication Wavelength Applications. Applied Physics Express, 2010, 3, 122201.	2.4	20
42	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
43	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
44	Reflection characteristics of guided-mode resonance filter combined with bottom mirror. Optics Letters, 2014, 39, 1893.	3.3	19
45	Grating-Position-Shifted Cavity-Resonator- Integrated Guided-Mode Resonance Filter. IEEE Photonics Technology Letters, 2017, 29, 201-204.	2.5	19
46	Examination of structure and optical properties of Ce ³⁺ -doped strontium borate glass by regression analysis. Scientific Reports, 2021, 11, 3811.	3.3	19
47	Theoretical analysis of squeezed-light generation by second-harmonic generation. IEEE Journal of Quantum Electronics, 1996, 32, 690-700.	1.9	18
48	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
49	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
50	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
51	Periodic precipitation of crystalline Ge nanoparticles in Ge/Ba/SiO ₂ thin glass films. Applied Physics Letters, 2004, 85, 3734-3736.	3.3	14
52	Ultrasmall demultiplexer by use of one-dimensional photonic crystal. Optics Letters, 2005, 30, 192.	3.3	14
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

#	ARTICLE	IF	CITATIONS
55	Cavity-resonator-integrated guided-mode resonance band-stop reflector. Optics Express, 2016, 24, 15120.	3.4	14
56	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
57	Determination of cavity length of cavity-resonator-integrated guided-mode resonance filter. Optics Express, 2015, 23, 3020.	3.4	13
58	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
59	Mold Design and Fabrication for Surface Relief Gratings by Glass Nanoimprint. Japanese Journal of Applied Physics, 2009, 48, 06FH20.	1.5	12
60	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
61	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
62	Thermo- and Photo-sensitive GeO ₂ -B ₂ O ₃ -SiO ₂ Thin Glass Films. Japanese Journal of Applied Physics, 2003, 42, 559-563.	1.5	11
63	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
64	Fabrication of ferroelectric-domain-inverted gratings in LiNbO ₃ by applying voltage using etched-Si stamper electrode. Electronics Letters, 1998, 34, 880.	1.0	10
65	Photosensitive and athermal glasses for optical channel waveguides. Journal of Non-Crystalline Solids, 2003, 326-327, 464-471.	3.1	10
66	Simultaneous interference exposure of different-period DBRs for intra-board WDM optical interconnection. Optics Express, 2006, 14, 7057.	3.4	10
67	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
68	Grating Substrates Fabricated by Nanoimprint Lithography for Fluorescence Microscopy. Japanese Journal of Applied Physics, 2009, 48, 06FH17.	1.5	10
69	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
70	Thermally stabilized photoinduced Bragg gratings. Applied Physics Letters, 2002, 81, 2364-2366.	3.3	9
71	Low-Reflection Microstructure Formed by Sol-Gel Process. Japanese Journal of Applied Physics, 2002, 41, 5210-5213.	1.5	9
72	Direct laser writing of thermally stabilized channel waveguides with Bragg gratings. Optics Express, 2004, 12, 4589.	3.4	9

#	ARTICLE	IF	CITATIONS
73	Demonstration of 1000-times switching of phase-change optical gate with Si wire waveguides. Electronics Letters, 2011, 47, 268.	1.0	9
74	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
75	Free-space-wave drop demultiplexing waveguide device fabricated by use of the interference exposure method. Applied Optics, 2006, 45, 22.	2.1	8
76	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
77	Potential characterization of free-space-wave drop demultiplexer using cavity-resonator-integrated grating input/output coupler. Optics Express, 2010, 18, 25108.	3.4	8
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	Lens-Less Coupling of Cavity-Resonator-Integrated Guided-Mode Resonance Filter. Journal of Lightwave Technology, 2015, 33, 5278-5283.	4.6	8
80	High reflectance with steep reflection phase spectrum by guided-mode resonance. Applied Physics Express, 2016, 9, 122501.	2.4	8
81	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
82	Combined blazed grating and microlens array for color image sensing. Japanese Journal of Applied Physics, 2014, 53, 032501.	1.5	7
83	Fabrication of volume grating induced in silica glass by femtosecond laser. , 2003, , .		6
84	Compact and monolithic coarse wavelength-division multiplexer“demultiplexer fabricated by use of a high-spatial-frequency transmission grating buried in a slab waveguide. Optics Letters, 2004, 29, 1188.	3.3	6
85	Integrated optic device for narrow-band reflection and guided-wave launching. , 2016, , .		6
86	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
87	Narrowband focusing retroreflector with a thin-film structure. Applied Physics Express, 2021, 14, 082003.	2.4	6
88	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
89	Reflectance Change by Grating-Position Shifting in Cavity-Resonator-Integrated Guided-Mode Resonance Filter. , 2015, , .		5
90	<title>Correlation filter design for classification of road sign by multiple optical correlators</title>. , 1999, , .		4

#	ARTICLE	IF	CITATIONS
91	Femtosecond index dynamics in silicon wire waveguides. , 2009, , .		4
92	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
93	Coupled-mode analysis of grating-position-shifted cavity-resonator-integrated guided-mode resonance filter. , 2015, , .		4
94	Reflection-phase spectra of cavity-resonator-integrated guided-mode resonance devices. Japanese Journal of Applied Physics, 2017, 56, 072001.	1.5	4
95	Enhancement of SHG efficiency in periodically poled LiNbO3 waveguide utilising a resonance effect. Electronics Letters, 1996, 32, 1283.	1.0	3
96	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
97	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
98	Reflection optical notch filtering behavior of cavity-resonator-integrated guided-mode resonance mirror. , 2015, , .		3
99	Position Dependence of Coupling Efficiency of Grating Coupler in Waveguide Cavity. , 2017, , .		3
100	8-Channel WDM Optical Interconnect Device using Add-Drop Multiplexers Integrated in a Thin-Film Waveguide. , 2008, , .		3
101	Temperature Dependence of B- and F-Doped SiO2Waveguide Bragg Grating on a Crystallized Glass Substrate. Japanese Journal of Applied Physics, 2004, 43, L1315-L1317.	1.5	2
102	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
103	Superprism Effect of a Triangular One-Dimensional Photonic Crystal Embedded in a Slab Waveguide of a Ta2O5Core with SiO2Cladding. Japanese Journal of Applied Physics, 2006, 45, L1001-L1003.	1.5	2
104	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
105	Generation of Periodic Sawtooth Optical Intensity by Phase-Shifting Mask. Applied Physics Express, 0, 1, 022005.	2.4	2
106	Fast aberration-correcting algorithm for an SLM-based optical switch. IEICE Electronics Express, 2010, 7, 1728-1734.	0.8	2
107	Phase error compensation for multilayered AWG in LCOS-based WSS. IEICE Electronics Express, 2011, 8, 2054-2060.	0.8	2
108	Output position variation in grating coupler integrated in waveguide resonator. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
109	Vertically Stacked and Directionally Coupled Cavity-Resonator-Integrated Grating Couplers for Integrated-Optic Beam Steering. , 2019, , .		2
110	Narrowband Retroreflector Using Guided Mode Resonance for Oblique Incidence. , 2019, , .		2
111	Guided-mode Resonance Filter for Micro-optic Spectrometer. , 2020, , .		2
112	Thin-Film Narrowband Retroreflector Based on Waveguide Grating Structure. IEEE Photonics Technology Letters, 2020, 32, 933-936.	2.5	2
113	<title>Micropatterning of photosensitive gel films using the two-ultraviolet-beam interference method</title>. , 2000, 3943, 38.		1
114	Bragg Grating Formation in Polyimide Waveguide by Ultraviolet Light Irradiation. Japanese Journal of Applied Physics, 2002, 41, 6390-6393.	1.5	1
115	Photo- and thermo-induced refractive index change of GeO ₂ -B ₂ O ₃ -SiO ₂ thin films fabricated by PECVD. , 2003, , .		1
116	45° micromirror embedded in a single-mode waveguide fabricated by using liquid immersion exposure. , 2009, , .		1
117	Research progress on free-space-wave add/drop multiplexing for WDM optical-interconnect system in packaging. , 2010, , .		1
118	Free-space-wave add/drop multiplexing for WDM optical interconnect system in package. , 2011, , .		1
119	Phase-shifting mask design for interference exposure of chirp blazed grating. Optical Review, 2011, 18, 99-102.	2.0	1
120	1×6 multicasting operation in an LCOS-and-AWG-based wavelength selective switch. , 2011, , .		1
121	Cavity-resonator-integrated guided-mode resonance filter with reflection phase variation. , 2012, , .		1
122	Proposal of waveguide interferometer for inline wavelength-selective modulator. , 2013, , .		1
123	Reflection characteristics of cavity-resonator-integrated guided-mode resonance devices. , 2013, , .		1
124	Cavity-resonator-integrated guided-mode resonance filter with several grating lines in aperture. , 2014, , .		1
125	Recent research progress on cavity-resonator-integrated guided-mode resonance devices. , 2014, , .		1
126	Narrowband-Stop Reflector Using Guided-Mode Resonance in Waveguide Cavity for WDM Optical Interconnects. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
127	Design of cavity-resonator-integrated guided-mode resonance narrowband-pass filter. , 2019, , .		1
128	Retroreflection by Cavity-Resonator-Integrated Guided-Mode Resonance Mirror. , 2020, , .		1
129	An apodization method for grating coupler in waveguide cavity. , 2021, , .		1
130	Fabrication of ferroelectricâ€œdomainâ€œinverted gratings for LiNbO₃ second harmonic generation devices by voltage application. Electronics and Communications in Japan, 1995, 78, 24-33.	0.2	0
131	Temperature sensitivity of UV-induced Bragg gratings in silica-based waveguides on crystallized glass substrate. , 2002, 4640, 149.		0
132	Application of photosensitive GeO 2 -B 2 O 3 -SiO 2 thin films to optical waveguide. , 2002, , .		0
133	Athermal optical waveguide filter fabricated by short pulse laser irradiation. , 2003, 4830, 361.		0
134	Preparation of channel waveguides with extremely thermally stabilized laser-induced gratings. , 2003, 5063, 491.		0
135	<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
136	Resonance Modes in Si Micro-Cubic Cavity Coupled with Ge:SiO2Waveguide. Japanese Journal of Applied Physics, 2006, 45, 6663-6666.	1.5	0
137	Four-wave mixing in hydrogenated amorphous silicon waveguides at 1.55 µm. , 2010, , .		0
138	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
139	Four-Port Optical Switch Having Three Connection States With Si Waveguides. IEEE Photonics Technology Letters, 2010, , .	2.5	0
140	Free-space-wave drop demultiplexer using cavity-resonator-integrated grating couplers. , 2010, , .		0
141	Cavity-resonator-integrated grating input/output couplers for WDM optical-interconnect system in package. , 2010, , .		0
142	Small-sized self-holding optical switch using phase-change material. , 2011, , .		0
143	First Demonstration of Cavity-Resonator-Integrated Guided-Mode Resonance Filter. , 2011, , .		0
144	Different-guided-mode-coupling DBR for inline wavelength-selective modulator. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
145	Optical I/O couplers for WDM optical-interconnect system in package. , 2012, , .		0
146	Recent research progress on WDM optical interconnects for high-performance system in package. , 2012, , .		0
147	Guided-mode resonance filter integrated with a resonator of curved DBRs. , 2012, , .		0
148	Small-aperture guided-mode-resonance filter with cavity resonators. , 2012, , .		0
149	A compound of RGB-splitter and condensers for compact image sensor. , 2012, , .		0
150	Polarization-Independent Guided-Mode Resonance Filter with Crossed Integration of Waveguide Cavity Resonators. , 2012, , .		0
151	Direct coupling of cavity-resonator-integrated guided-mode resonance filter to a single-mode optical fiber. , 2013, , .		0
152	Reflection characteristics of cavity-resonator-integrated guided-mode resonance mirror. , 2013, , .		0
153	Cavity-resonator-integrated guided-mode resonance filters. Proceedings of SPIE, 2013, , .	0.8	0
154	Optimal cavity length in cavity-resonator-integrated guided-mode resonance filter. , 2014, , .		0
155	Proposal of integrated-optic wavelength-selective modulator based on coupling-efficiency control of distributed Bragg reflector in straight waveguide. , 2014, , .		0
156	Experimental study on reflection phase rotation of cavity-resonator-integrated guided-mode resonance filter. , 2015, , .		0
157	Guided-mode resonance mirrors for vertical cavities. , 2015, , .		0
158	Characterization of CRIGF integrated on DBR substrate. , 2016, , .		0
159	Guided-wave leaking cavity-resonator-integrated guided-mode resonance filters for a compact WDM light source. , 2017, , .		0
160	Guided-mode resonances in two-story waveguides. , 2017, , .		0
161	Guided-Mode Resonance in Waveguide Cavity. , 2018, , .		0
162	Wavelength matching of resonance reflection and guided-wave launching for high-performance CRIGF. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
163	Cavity-Resonator-Integrated Guided-Mode Resonance Filters for Compact WDM Light Source. , 2018, , .		0
164	Cavity-Resonator-Integrated Grating Couplers. , 2019, , .		0
165	Plasmonic chip enhanced fluorescence biosensor in the back illumination system. Electronics and Communications in Japan, 2020, 103, 9-14.	0.5	0
166	Dimensional Transformations of Guided-Mode Resonant Photonic Lattices. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	0
167	Multidimensional angle sensing method using guided-mode resonance. Optical Review, 2021, 28, 650-654.	2.0	0
168	Optical Signal Transmission with Waveguide Add-Drop Multiplexer of Free - Space Waves for Optical Interconnects. , 2005, , .		0
169	Integration of Eight Different-Period DBRs by Interference Exposure for Intra-board WDM Optical Interconnection. , 2006, , .		0
170	Signal Transmission from VCSEL in Thin-Film-Waveguide WDM Optical Interconnects Board. , 2007, , .		0
171	100-Fold Enhancement of Fluorescence Imaging by Two-Dimensional-Grating-Coupled Surface Plasmon Resonance. , 2009, , .		0
172	Proposal of in-line wavelength-selective modulator based on waveguide interferometer. IEICE Transactions on Electronics, 2014, E97.C, 749-754.	0.6	0
173	Measurement of Cavity Length in Cavity-Resonator-Integrated Guided-Mode Resonance Filter. , 2014, , .		0
174	Cavity-resonator-integrated guided-mode resonance filter with position-shifted grating coupler. , 2016, , .		0
175	Narrow-bandpass filter using orthogonally propagating guided-mode resonance with doubly periodic grating. , 2021, , .		0