

Min Yong Jeon

List of Publications by Year in descending order

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137
papers

1,901
citations

257101

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137
all docs

137
docs citations

137
times ranked

1201
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of FBG sensor interrogation based on a FDML wavelength swept laser. Optics Express, 2008, 16, 16552.	1.7	129
2	Monolithic dual-mode distributed feedback semiconductor laser for tunable continuous-wave terahertz generation. Optics Express, 2009, 17, 13851.	1.7	110
3	High-speed and wide bandwidth Fourier domain mode-locked wavelength swept laser with multiple SOAs. Optics Express, 2008, 16, 2547.	1.7	95
4	High-performance optical-label switching packet routers and smart edge routers for the next-generation internet. IEEE Journal on Selected Areas in Communications, 2003, 21, 1041-1051.	9.7	93
5	Widely tunable dual-wavelength Er ³⁺ -doped fiber laser for tunable continuous-wave terahertz radiation. Optics Express, 2010, 18, 12291.	1.7	85
6	Generation of multiorder Stokes and anti-Stokes lines in a Brillouin erbium-fiber laser with a Sagnac loop mirror. Optics Letters, 1998, 23, 1671.	1.7	76
7	Combined photoacoustic and optical coherence tomography using a single near-infrared supercontinuum laser source. Applied Optics, 2013, 52, 1824.	0.9	65
8	Tunable continuous-wave terahertz generation/detection with compact 155 μm detuned dual-mode laser diode and InGaAs based photomixer. Optics Express, 2011, 19, 15397.	1.7	60
9	In vitro photoacoustic measurement of hemoglobin oxygen saturation using a single pulsed broadband supercontinuum laser source. Applied Optics, 2014, 53, 3884.	0.9	59
10	RF photonics signal processing in subcarrier multiplexed optical-label switching communication systems. Journal of Lightwave Technology, 2003, 21, 3155-3166.	2.7	57
11	An effective CuO/Bi ₂ WO ₆ heterostructured photocatalyst: Analyzing a charge-transfer mechanism for the enhanced visible-light-driven photocatalytic degradation of tetracycline and organic pollutants. Chemosphere, 2022, 287, 132015.	4.2	53
12	End-to-end contention resolution schemes for an optical packet switching network with enhanced edge routers. Journal of Lightwave Technology, 2003, 21, 2595-2604.	2.7	49
13	Demonstration of all-optical packet switching routers with optical label swapping and 2R regeneration for scalable optical label switching network applications. Journal of Lightwave Technology, 2003, 21, 2723-2733.	2.7	47
14	Characterization of Fourier domain modelocked wavelength swept laser for optical coherence tomography imaging. Optics Express, 2008, 16, 3727.	1.7	47
15	Fiber-optic matched filters with metal films deposited on fiber delay-line ends for optical packet address detection. IEEE Photonics Technology Letters, 1996, 8, 941-943.	1.3	44
16	Dynamic and static strain fiber Bragg grating sensor interrogation with a 1.3 μm Fourier domain mode-locked wavelength-swept laser. Measurement Science and Technology, 2010, 21, 094008.	1.4	42
17	Pulse-amplitude-equalized output from a rational harmonic mode-locked fiber laser. Optics Letters, 1998, 23, 855.	1.7	41
18	External fibre laser based pulse amplitude equalisation scheme for rational harmonic modelocking in a ring-type fibre laser. Electronics Letters, 1998, 34, 182.	0.5	37

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19	Harmonically mode-locked fiber laser with an acousto-optic modulator in a Sagnac loop and Faraday rotating mirror cavity. Optics Communications, 1998, 149, 312-316.	1.0	36
20	Optical fiber-coupled InGaAs-based terahertz time-domain spectroscopy system. Optics Letters, 2011, 36, 3094.	1.7	30
21	Distributed feedback laser diode integrated with distributed Bragg reflector for continuous-wave terahertz generation. Optics Express, 2012, 20, 17496.	1.7	30
22	Dynamic Sensor Interrogation Using Wavelength-Swept Laser with a Polygon-Scanner-Based Wavelength Filter. Sensors, 2013, 13, 9669-9678.	2.1	30
23	All-optical clock recovery from NRZ data of 10 Gb/s. IEEE Photonics Technology Letters, 1999, 11, 730-732.	1.3	29
24	Mode-locked fiber laser gyroscope. Optics Letters, 1993, 18, 320.	1.7	28
25	A stabilised fibre-optic Mach-Zehnder interferometer filter using an independent stabilisation light source. Optics Communications, 1998, 157, 62-66.	1.0	22
26	Widely Tunable 1.55-um Detuned Dual-Mode Laser Diode for Compact Continuous-Wave THz Emitter. ETRI Journal, 2011, 33, 810-813.	1.2	22
27	Dynamic fiber Bragg grating strain sensor interrogation with real-time measurement. Optical Fiber Technology, 2017, 38, 147-153.	1.4	22
28	Dynamic measurement for electric field sensor based on wavelength-swept laser. Optics Express, 2014, 22, 16139.	1.7	21
29	Rapidly frequency-swept optical beat source for continuous wave terahertz generation. Optics Express, 2011, 19, 18364.	1.7	20
30	Variable-period permanent-magnet helical undulator. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	19
31	An electronically wavelength-tunable mode-locked fiber laser using an all-fiber acoustooptic tunable filter. IEEE Photonics Technology Letters, 1996, 8, 1618-1620.	1.3	18
32	All-fibre-optic clock recovery from non-return-to-zero format data. Electronics Letters, 1998, 34, 478.	0.5	18
33	Terahertz radiation using log-spiral-based low-temperature-grown InGaAs photoconductive antenna pumped by mode-locked Yb-doped fiber laser. Optics Express, 2016, 24, 7037.	1.7	18
34	Enhanced sensitivity of distributed-temperature sensor with Al-coated fiber based on OFDR. Optical Fiber Technology, 2019, 48, 229-234.	1.4	18
35	Characterization of FBG sensor interrogation based on a FDML wavelength swept laser. Optics Express, 2008, 16, 16552-60.	1.7	17
36	An efficient simulation and analysis method of moiré patterns in display systems. Optics Express, 2014, 22, 3128.	1.7	16

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37	Photoacoustic imaging probe for detecting lymph nodes and spreading of cancer at various depths. <i>Journal of Biomedical Optics</i> , 2017, 22, 091513.	1.4	16
38	Fabrication of 4 Å–1 signal combiner for high-power lasers using hydrofluoric acid. <i>Optics Express</i> , 2018, 26, 30667.	1.7	16
39	Dual-wavelength cascaded Raman fibre laser. <i>Electronics Letters</i> , 2000, 36, 1356.	0.5	15
40	Two-stage reflective-type erbium-doped fiber amplifier with enhanced noise figure characteristics. <i>Optics Communications</i> , 2001, 197, 121-125.	1.0	15
41	Strain Measurement Distributed on a Ground Anchor Bearing Plate by Fiber Optic OFDR Sensor. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2051.	1.3	14
42	Remote fiber sensor based on cascaded Fourier domain mode-locked laser. <i>Optics Communications</i> , 2011, 284, 4607-4610.	1.0	12
43	Packet-by-packet wavelength, time, space-domain contention resolution in an optical-label switching router with 2R regeneration. <i>IEEE Photonics Technology Letters</i> , 2003, 15, 1312-1314.	1.3	11
44	All-optical format conversion from NRZ to RZ signals using a walk-off balanced nonlinear fibre loop mirror. <i>Electronics Letters</i> , 1996, 32, 2335.	0.5	10
45	40 Gbps All-Optical 3R Regeneration and Format Conversion with Related InP-Based Semiconductor Devices. <i>ETRI Journal</i> , 2007, 29, 633-640.	1.2	10
46	A passively mode-locked fibre laser with a delayed optical path for increasing the repetition rate. <i>Optics Communications</i> , 1998, 148, 59-62.	1.0	9
47	The characterization of all-optical 3R regeneration based on InP-related semiconductor optical devices. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2006, 12, 726-735.	1.9	9
48	Influence of free-running characteristics on optical clock in all-optical clock recovery using a self-pulsating semiconductor laser. <i>Optics Communications</i> , 2007, 278, 285-290.	1.0	9
49	Tunable, multiwavelength-swept fiber laser based on nematic liquid crystal device for fiber-optic electric-field sensor. <i>Optics Communications</i> , 2018, 410, 637-642.	1.0	9
50	Figure-of-eight Brillouin/erbium fibre lasers. <i>Electronics Letters</i> , 1998, 34, 2406.	0.5	8
51	Continuously tunable multi-wavelength transmission filter based on a stabilised fibre-optic interferometer. <i>Optics Communications</i> , 1999, 165, 33-37.	1.0	8
52	Characterization of Second-Order Reflection Bands from a Cholesteric Liquid Crystal Cell Based on a Wavelength-Swept Laser. <i>Sensors</i> , 2020, 20, 4643.	2.1	8
53	In situ observation of dynamic pitch jumps of in-planar cholesteric liquid crystal layers based on wavelength-swept laser. <i>Optics Express</i> , 2018, 26, 28751.	1.7	8
54	BER Performance of All-Optical Subcarrier Label Swapping With 2R Regeneration. <i>IEEE Photonics Technology Letters</i> , 2004, 16, 323-325.	1.3	7

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55	Portable terahertz spectrometer with InP related semiconductor photonic devices. , 2012, , .		7
56	A widely tunable, dual-wavelength fiber laser incorporating two polymer waveguide Bragg gratings. Laser Physics Letters, 2013, 10, 125105.	0.6	7
57	Analysis of polarization properties of a mode-locked fiber laser gyroscope. Applied Optics, 1996, 35, 2206.	2.1	6
58	All-optical wavelength conversion using cavity dumped fibre laser with nonlinear optical loop mirror. Electronics Letters, 1997, 33, 791.	0.5	6
59	Cascaded Raman fibre laser for stable dual-wavelength operation. Electronics Letters, 2001, 37, 740.	0.5	6
60	1.1- μ m Band Extended Wide-Bandwidth Wavelength-Swept Laser Based on Polygonal Scanning Wavelength Filter. Sensors, 2021, 21, 3053.	2.1	6
61	Measurement of Effective Refractive Index of Nematic Liquid Crystal in Fabry-Perot Etalon. Journal of the Optical Society of Korea, 2015, 19, 346-350.	0.6	6
62	Output Stabilization of Wavelength-Swept Laser Based on Closed-Loop Control of Fabry-Perot Tunable Wavelength Filter for Fiber-Optic Sensors. Sensors, 2022, 22, 4337.	2.1	6
63	Transmission Characteristics in Liquid-Crystal-Infiltrated Photonic Crystal Fibers. Japanese Journal of Applied Physics, 2008, 47, 2174-2175.	0.8	4
64	Dynamic fiber Bragg grating strain sensor interrogation based on resonance Fourier domain mode-locked fiber laser. , 2016, , .		4
65	Compact THz time-domain spectroscopy based on pre-chirped pulses from mode-locked Yb-doped fiber laser. Optical Fiber Technology, 2018, 45, 182-187.	1.4	4
66	Realization and validation of the detector-based absolute integrating sphere method for luminous-flux measurement at KRISS. Metrologia, 2012, 49, 273.	0.6	3
67	Characterization of the THz absorption spectra of nematic liquid crystals via THz time-domain spectroscopy using mode-locked Yb-doped fiber laser. Optical Fiber Technology, 2021, 66, 102685.	1.4	3
68	Stiffness Comparison of Tissue Phantoms using Optical Coherence Elastography without a Load Cell. Current Optics and Photonics, 2017, 1, 17-22.	0.7	3
69	The Real-Time Temporal and Spatial Diagnostics of Ultrashort High-Power Laser Pulses using an All-Reflective Single-Shot Autocorrelator. Journal of the Optical Society of Korea, 2014, 18, 382-387.	0.6	3
70	All-optical demultiplexing scheme using an optical parametric loop mirror. Optics Communications, 2000, 175, 253-256.	1.0	2
71	All-optical wavelength conversion for 20-Gb/s RZ format data. IEEE Photonics Technology Letters, 2000, 12, 1528-1530.	1.3	2
72	Reflectometers for Absolute and Relative Reflectance Measurements in the Mid-IR Region at Vacuum. Sensors, 2021, 21, 1169.	2.1	2

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73	Gain and efficiency of table-top terahertz free-electron lasers driven by a microtron accelerator. Journal of the Korean Physical Society, 2021, 78, 1047.	0.3	2
74	Characterization of normal dispersion mode-locked Yb-doped fiber laser with birefringent spectral filter. Optical Engineering, 2017, 57, 1.	0.5	2
75	A quantitative performance comparison study of all-optical slotted rings with different packet header speeds. Computer Communications, 1997, 20, 662-670.	3.1	1
76	Extinction Ratio Improvement and Negative Bit-Error-Rate Penalty in Mach-Zehnder Interferometric Wavelength Converter for Optical 2R Regeneration. Japanese Journal of Applied Physics, 2005, 44, 8010-8012.	0.8	1
77	Wide Frequency Tuning in Passively Mode-Locked Laser Diode without Saturable Absorber. , 2006, , .		1
78	Ultra-fast 31 kHz interrogation of FBG sensors using FDML wavelength swept laser. Proceedings of SPIE, 2008, , .	0.8	1
79	Continuous-wave THz generation from ingaas-based photomixers pumped by a tunable dual-wavelength DFB laser. , 2009, , .		1
80	Fiber Bragg grating strain sensor interrogation with 1.3 μ m Fourier domain mode-locked wavelength swept laser. , 2009, , .		1
81	k-domain linearization of wavelength-swept laser for optical coherence tomography. Proceedings of SPIE, 2011, , .	0.8	1
82	Semiconductor optical amplifier integrated 1.3- μ m dual-mode laser. , 2013, , .		1
83	A tunable continuous-wave terahertz generator based on 1.3- μ m dual-mode laser diode and travelling-wave photodiode. , 2013, , .		1
84	Fiber optic dynamic electric field sensor based on nematic liquid crystal Fabry-Perot etalon. , 2014, , .		1
85	Wavelength-swept lasers and their application to fiber optic sensors. Proceedings of SPIE, 2014, , .	0.8	1
86	1.03 μ m Yb-doped mode-locked fiber laser for time-domain THz spectroscopy. , 2014, , .		1
87	Terahertz generation and detection using femtosecond mode-locked Yb-doped fiber laser. , 2016, , .		1
88	MOPA fiber laser for photoacoustic imaging using arrayed ultrasound transducer. , 2017, , .		1
89	Development of a High-power Terahertz Free Electron Laser Using a Microtron accelerator and an Electro-magnetic Planar Undulator. , 2019, , .		1
90	Magnetron power modulator for driving a microtron THz FEL. , 2019, , .		1

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91	The Variation of Radiation Transmittance by the cw 1.07 μm Fiber Laser and Water Aerosol Interaction. Journal of the Optical Society of Korea, 2012, 16, 191-195.	0.6	1
92	Resonance Fiber Bragg Grating Sensor system based on Fourier Domain Mode-locking Laser. Korean Journal of Optics and Photonics, 2012, 23, 211-216.	0.1	1
93	Characteristics of a Wavelength-swept Laser with a Polygon-based Wavelength Scanning Filter. Korean Journal of Optics and Photonics, 2014, 25, 61-66.	0.1	1
94	Feasibility Study of Determining the Healing Phase of Achilles Tendon Rupture in Rats Using Optical Coherence Tomography. Journal of the Optical Society of Korea, 2015, 19, 175-181.	0.6	1
95	All-optical signal conversions for transparent optical networks. , 0, , .		0
96	Effects of polarization evolutions inside the cholesteric liquid crystal cell on the output characteristics of ring type fiber lasers. , 0, , .		0
97	All-optical clock extraction and wavelength conversion from NRZ signal in Mach-Zehnder wavelength converter. , 2006, , .		0
98	All-optical 3R regeneration and NRZ to RZ conversion Based on InP Related Semiconductor Optical Devices. , 2006, , .		0
99	Correlation between timing jitter of optical clock and self-pulsation characteristics in all-optical clock extraction using a self-pulsating laser diode. , 2006, , .		0
100	Mach-Zehnder Interferometric Wavelength Converter as a Pseudo Return-to-Zero Extractor. Japanese Journal of Applied Physics, 2007, 46, L414-L416.	0.8	0
101	All Optical 3R Regenerator Based on Semiconductor. , 2007, , .		0
102	High-Speed and Wide Bandwidth Fourier Domain Mode-locked Wavelength Swept Laser with Multiple SOAs. , 2007, , .		0
103	High speed broadband Fourier domain mode locked swept source with multiple SOAs. , 2008, , .		0
104	Continuous terahertz wave emission using tunable dual-wavelength erbium-doped fiber laser. , 2010, , .		0
105	Long Distance FBG Sensor Interrogation using 1.3 μm FDML Wavelength Swept Laser. , 2010, , .		0
106	Emitter and detector modules for a fiber-coupled terahertz time-domain spectroscopy. , 2011, , .		0
107	Phase shifted dual-mode laser for continuous-wave THz generation/detection. , 2011, , .		0
108	Frequency swept optical beat source for CW THz wave radiation. , 2011, , .		0

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109	Continuous wave terahertz generation and coherent detection with dual-mode laser diode and InGaAs-based photomixers. , 2011, , .		0
110	High-speed frequency-scanning optical beat source for continuous THz wave generation. , 2011, , .		0
111	Phase-shifted 1.3- μm dual-mode laser diode: Toward single chip terahertz emitter. , 2012, , .		0
112	Portable 1.55- μm terahertz spectrometer and imaging system. , 2012, , .		0
113	Performance comparison of fiber Bragg gratings sensor interrogation using two kinds of wavelength-swept lasers. , 2012, , .		0
114	Terahertz imaging using InGaAs Schottky barrier diode array detectors. , 2013, , .		0
115	Dual-wavelength tunable fiber laser with two polymer bragg gratings for continuous wave terahertz optical beat source generation. , 2013, , .		0
116	High-speed broadband frequency sweep of CW THz radiation. , 2013, , .		0
117	Direct modulation characteristics of 1.3- μm dual-mode laser diode. , 2013, , .		0
118	Continuously tunable dual-wavelength fiber laser using two polymer Bragg grating filters. , 2014, , .		0
119	Measurement of effective refractive index of nematic liquid crystal. , 2014, , .		0
120	Fiber-optic electric field sensor based on wavelength-swept laser. , 2014, , .		0
121	Fiber Bragg grating sensor system based on resonance Fourier domain mode-locked laser. , 2015, , .		0
122	Electric field sensor based on cholesteric liquid crystal Fabry-Perot etalon. Proceedings of SPIE, 2015, , .	0.8	0
123	Wavelength-swept laser based on semiconductor optical amplifier for dynamic optical fiber sensors. , 2016, , .		0
124	Terahertz radiation based on fiber-pigtailed InGaAs photoconductive antenna pumped by 1030-nm mode-locked Yb-doped fiber laser. Proceedings of SPIE, 2017, , .	0.8	0
125	Effect of parameters in moving average method for event detection enhancement using phase sensitive OTDR. Proceedings of SPIE, 2017, , .	0.8	0
126	Measuring of the pitch variation of cholesteric liquid crystals under electric field using wavelength-swept laser. , 2017, , .		0

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127	Tunable multiwavelength fiber laser based on nematic liquid crystal device for fiber-optic electric field sensor. , 2017, , .		0
128	THz time-domain spectroscopy based on pre-chirped mode-locked Yb-doped fiber laser. , 2018, , .		0
129	Noise-like pulse generation with coherence spike in all-fiber passively mode-locked Yb-doped fiber laser. , 2018, , .		0
130	THz time-domain spectroscopy of Nematic liquid crystal based on mode-locked Yb-doped fiber laser. , 2021, , .		0
131	Characterization of wavelength swept laser for optical coherence tomography imaging. , 2008, , .		0
132	Raman distributed temperature fiber-optic sensor based on single-mode fiber. , 2015, , .		0
133	Terahertz generation using passively mode-locked Yb-doped fiber laser. , 2015, , .		0
134	Characterization of a Wavelength-Tunable Fiber Laser Based on a Polymer Waveguide Bragg Grating Wavelength Filter. Korean Journal of Optics and Photonics, 2015, 26, 306-311.	0.1	0
135	Real-time monitoring of the dynamic fiber Bragg grating sensor interrogation. , 2016, , .		0
136	1550 nm band Raman distributed temperature sensor using 35 km-long single-mode fiber. , 2016, , .		0
137	Noise Reduction in a Distributed Raman Temperature Fiber-Optic Sensor by Using a Finite Impulse Response Filter. New Physics: Sae Mulli, 2016, 66, 1307-1313.	0.0	0