

# Min Yong Jeon

## List of Publications by Year in descending order

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137  
papers

1,901  
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257101

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docs citations

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times ranked

1201  
citing authors

#	ARTICLE	IF	CITATIONS
1	An effective CuO/Bi <sub>2</sub> WO <sub>6</sub> heterostructured photocatalyst: Analyzing a charge-transfer mechanism for the enhanced visible-light-driven photocatalytic degradation of tetracycline and organic pollutants. <i>Chemosphere</i> , 2022, 287, 132015.	4.2	53
2	Output Stabilization of Wavelength-Swept Laser Based on Closed-Loop Control of Fabry-Pérot Tunable Wavelength Filter for Fiber-Optic Sensors. <i>Sensors</i> , 2022, 22, 4337.	2.1	6
3	Reflectometers for Absolute and Relative Reflectance Measurements in the Mid-IR Region at Vacuum. <i>Sensors</i> , 2021, 21, 1169.	2.1	2
4	Gain and efficiency of table-top terahertz free-electron lasers driven by a microtron accelerator. <i>Journal of the Korean Physical Society</i> , 2021, 78, 1047.	0.3	2
5	1.1- $\mu$ m Band Extended Wide-Bandwidth Wavelength-Swept Laser Based on Polygonal Scanning Wavelength Filter. <i>Sensors</i> , 2021, 21, 3053.	2.1	6
6	Characterization of the THz absorption spectra of nematic liquid crystals via THz time-domain spectroscopy using mode-locked Yb-doped fiber laser. <i>Optical Fiber Technology</i> , 2021, 66, 102685.	1.4	3
7	THz time-domain spectroscopy of Nematic liquid crystal based on mode-locked Yb-doped fiber laser. , 2021, , .		0
8	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
9	Development of a High-power Terahertz Free Electron Laser Using a Microtron accelerator and an Electro-magnetic Planar Undulator. , 2019, , .		1
10	Magnetron power modulator for driving a microtron THz FEL. , 2019, , .		1
11	Enhanced sensitivity of distributed-temperature sensor with Al-coated fiber based on OFDR. <i>Optical Fiber Technology</i> , 2019, 48, 229-234.	1.4	18
12	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
13	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
14	THz time-domain spectroscopy based on pre-chirped mode-locked Yb-doped fiber laser. , 2018, , .		0
15	Noise-like pulse generation with coherence spike in all-fiber passively mode-locked Yb-doped fiber laser. , 2018, , .		0
16	Compact THz time-domain spectroscopy based on pre-chirped pulses from mode-locked Yb-doped fiber laser. <i>Optical Fiber Technology</i> , 2018, 45, 182-187.	1.4	4
17	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
18	Fabrication of 4 $\lambda$ -1 signal combiner for high-power lasers using hydrofluoric acid. <i>Optics Express</i> , 2018, 26, 30667.	1.7	16

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19	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
20	Photoacoustic imaging probe for detecting lymph nodes and spreading of cancer at various depths. Journal of Biomedical Optics, 2017, 22, 091513.	1.4	16
21	Effect of parameters in moving average method for event detection enhancement using phase sensitive OTDR. Proceedings of SPIE, 2017, , .	0.8	0
22	Measuring of the pitch variation of cholesteric liquid crystals under electric field using wavelength-swept laser. , 2017, , .		0
23	Dynamic fiber Bragg grating strain sensor interrogation with real-time measurement. Optical Fiber Technology, 2017, 38, 147-153.	1.4	22
24	MOPA fiber laser for photoacoustic imaging using arrayed ultrasound transducer. , 2017, , .		1
25	Tunable multiwavelength fiber laser based on nematic liquid crystal device for fiber-optic electric field sensor. , 2017, , .		0
26	Characterization of normal dispersion mode-locked Yb-doped fiber laser with birefringent spectral filter. Optical Engineering, 2017, 57, 1.	0.5	2
27	Stiffness Comparison of Tissue Phantoms using Optical Coherence Elastography without a Load Cell. Current Optics and Photonics, 2017, 1, 17-22.	0.7	3
28	Dynamic fiber Bragg grating strain sensor interrogation based on resonance Fourier domain mode-locked fiber laser. , 2016, , .		4
29	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
30	Terahertz generation and detection using femtosecond mode-locked Yb-doped fiber laser. , 2016, , .		1
31	Wavelength-swept laser based on semiconductor optical amplifier for dynamic optical fiber sensors. , 2016, , .		0
32	Real-time monitoring of the dynamic fiber Bragg grating sensor interrogation. , 2016, , .		0
33	1550 nm band Raman distributed temperature sensor using 35 km-long single-mode fiber. , 2016, , .		0
34	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
35	Fiber Bragg grating sensor system based on resonance Fourier domain mode-locked laser. , 2015, , .		0
36	Electric field sensor based on cholesteric liquid crystal Fabry-Perot etalon. Proceedings of SPIE, 2015, , .	0.8	0

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37	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
38	Raman distributed temperature fiber-optic sensor based on single-mode fiber. , 2015, , .		0
39	Terahertz generation using passively mode-locked Yb-doped fiber laser. , 2015, , .		0
40	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
41	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
42	Fiber optic dynamic electric field sensor based on nematic liquid crystal Fabry-Perot etalon. , 2014, , .		1
43	An efficient simulation and analysis method of moiré patterns in display systems. Optics Express, 2014, 22, 3128.	1.7	16
44	Dynamic measurement for electric field sensor based on wavelength-swept laser. Optics Express, 2014, 22, 16139.	1.7	21
45	Variable-period permanent-magnet helical undulator. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	19
46	Wavelength-swept lasers and their application to fiber optic sensors. Proceedings of SPIE, 2014, , .	0.8	1
47	Continuously tunable dual-wavelength fiber laser using two polymer Bragg grating filters. , 2014, , .		0
48	Measurement of effective refractive index of nematic liquid crystal. , 2014, , .		0
49	In vitro photoacoustic measurement of hemoglobin oxygen saturation using a single pulsed broadband supercontinuum laser source. Applied Optics, 2014, 53, 3884.	0.9	59
50	Fiber-optic electric field sensor based on wavelength-swept laser. , 2014, , .		0
51	1.03 $\mu\text{m}$ Yb-doped mode-locked fiber laser for time-domain THz spectroscopy. , 2014, , .		1
52	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
53	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
54	Terahertz imaging using InGaAs Schottky barrier diode array detectors. , 2013, , .		0

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55	Semiconductor optical amplifier integrated 1.3- $\mu$ m dual-mode laser. , 2013, , .		1
56	A widely tunable, dual-wavelength fiber laser incorporating two polymer waveguide Bragg gratings. Laser Physics Letters, 2013, 10, 125105.	0.6	7
57	A tunable continuous-wave terahertz generator based on 1.3- $\mu$ m dual-mode laser diode and travelling-wave photodiode. , 2013, , .		1
58	Dynamic Sensor Interrogation Using Wavelength-Swept Laser with a Polygon-Scanner-Based Wavelength Filter. Sensors, 2013, 13, 9669-9678.	2.1	30
59	Dual-wavelength tunable fiber laser with two polymer bragg gratings for continuous wave terahertz optical beat source generation. , 2013, , .		0
60	Combined photoacoustic and optical coherence tomography using a single near-infrared supercontinuum laser source. Applied Optics, 2013, 52, 1824.	0.9	65
61	High-speed broadband frequency sweep of CW THz radiation. , 2013, , .		0
62	Direct modulation characteristics of 1.3- $\mu$ m dual-mode laser diode. , 2013, , .		0
63	Distributed feedback laser diode integrated with distributed Bragg reflector for continuous-wave terahertz generation. Optics Express, 2012, 20, 17496.	1.7	30
64	Phase-shifted 1.3- $\mu$ m dual-mode laser diode: Toward single chip terahertz emitter. , 2012, , .		0
65	Portable terahertz spectrometer with InP related semiconductor photonic devices. , 2012, , .		7
66	Portable 1.55- $\mu$ m terahertz spectrometer and imaging system. , 2012, , .		0
67	Performance comparison of fiber Bragg gratings sensor interrogation using two kinds of wavelength-swept lasers. , 2012, , .		0
68	Realization and validation of the detector-based absolute integrating sphere method for luminous-flux measurement at KRISS. Metrologia, 2012, 49, 273.	0.6	3
69	The Variation of Radiation Transmittance by the cw 1.07 $\mu$ m Fiber Laser and Water Aerosol Interaction. Journal of the Optical Society of Korea, 2012, 16, 191-195.	0.6	1
70	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
71	Emitter and detector modules for a fiber-coupled terahertz time-domain spectroscopy. , 2011, , .		0
72	Phase shifted dual-mode laser for continuous-wave THz generation/detection. , 2011, , .		0

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73	Frequency swept optical beat source for CW THz wave radiation. , 2011, , .		0
74	k-domain linearization of wavelength-swept laser for optical coherence tomography. Proceedings of SPIE, 2011, , .	0.8	1
75	Tunable continuous-wave terahertz generation/detection with compact 155 $\mu\text{m}$ detuned dual-mode laser diode and InGaAs based photomixer. Optics Express, 2011, 19, 15397.	1.7	60
76	Rapidly frequency-swept optical beat source for continuous wave terahertz generation. Optics Express, 2011, 19, 18364.	1.7	20
77	Optical fiber-coupled InGaAs-based terahertz time-domain spectroscopy system. Optics Letters, 2011, 36, 3094.	1.7	30
78	Continuous wave terahertz generation and coherent detection with dual-mode laser diode and InGaAs-based photomixers. , 2011, , .		0
79	Widely Tunable 1.55- $\mu\text{m}$ Detuned Dual-Mode Laser Diode for Compact Continuous-Wave THz Emitter. ETRI Journal, 2011, 33, 810-813.	1.2	22
80	Remote fiber sensor based on cascaded Fourier domain mode-locked laser. Optics Communications, 2011, 284, 4607-4610.	1.0	12
81	High-speed frequency-scanning optical beat source for continuous THz wave generation. , 2011, , .		0
82	Dynamic and static strain fiber Bragg grating sensor interrogation with a 1.3 $\mu\text{m}$ Fourier domain mode-locked wavelength-swept laser. Measurement Science and Technology, 2010, 21, 094008.	1.4	42
83	Continuous terahertz wave emission using tunable dual-wavelength erbium-doped fiber laser. , 2010, , .		0
84	Long Distance FBG Sensor Interrogation using 1.3 $\mu\text{m}$ FDML Wavelength Swept Laser. , 2010, , .		0
85	Widely tunable dual-wavelength Er <sup>3+</sup> -doped fiber laser for tunable continuous-wave terahertz radiation. Optics Express, 2010, 18, 12291.	1.7	85
86	Continuous-wave THz generation from ingaas-based photomixers pumped by a tunable dual-wavelength DFB laser. , 2009, , .		1
87	Monolithic dual-mode distributed feedback semiconductor laser for tunable continuous-wave terahertz generation. Optics Express, 2009, 17, 13851.	1.7	110
88	Fiber Bragg grating strain sensor interrogation with 1.3 $\mu\text{m}$ Fourier domain mode-locked wavelength swept laser. , 2009, , .		1
89	High-speed and wide bandwidth Fourier domain mode-locked wavelength swept laser with multiple SOAs. Optics Express, 2008, 16, 2547.	1.7	95
90	Characterization of Fourier domain modelocked wavelength swept laser for optical coherence tomography imaging. Optics Express, 2008, 16, 3727.	1.7	47

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91	Characterization of FBG sensor interrogation based on a FDML wavelength swept laser. Optics Express, 2008, 16, 16552.	1.7	129
92	Transmission Characteristics in Liquid-Crystal-Infiltrated Photonic Crystal Fibers. Japanese Journal of Applied Physics, 2008, 47, 2174-2175.	0.8	4
93	High speed broadband Fourier domain mode locked swept source with multiple SOAs. , 2008, , .		0
94	Ultra-fast 31 kHz interrogation of FBG sensors using FDML wavelength swept laser. Proceedings of SPIE, 2008, , .	0.8	1
95	Characterization of wavelength swept laser for optical coherence tomography imaging. , 2008, , .		0
96	Characterization of FBG sensor interrogation based on a FDML wavelength swept laser. Optics Express, 2008, 16, 16552-60.	1.7	17
97	Mach-Zehnder Interferometric Wavelength Converter as a Pseudo Return-to-Zero Extractor. Japanese Journal of Applied Physics, 2007, 46, L414-L416.	0.8	0
98	All Optical 3R Regenerator Based on Semiconductor. , 2007, , .		0
99	High-Speed and Wide Bandwidth Fourier Domain Mode-locked Wavelength Swept Laser with Multiple SOAs. , 2007, , .		0
100	40 Gbps All-Optical 3R Regeneration and Format Conversion with Related InP-Based Semiconductor Devices. ETRI Journal, 2007, 29, 633-640.	1.2	10
101	Influence of free-running characteristics on optical clock in all-optical clock recovery using a self-pulsating semiconductor laser. Optics Communications, 2007, 278, 285-290.	1.0	9
102	All-optical clock extraction and wavelength conversion from NRZ signal in Mach-Zehnder wavelength converter. , 2006, , .		0
103	All-optical 3R regeneration and NRZ to RZ conversion Based on InP Related Semiconductor Optical Devices. , 2006, , .		0
104	The characterization of all-optical 3R regeneration based on InP-related semiconductor optical devices. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 726-735.	1.9	9
105	Wide Frequency Tuning in Passively Mode-Locked Laser Diode without Saturable Absorber. , 2006, , .		1
106	Correlation between timing jitter of optical clock and self-pulsation characteristics in all-optical clock extraction using a self-pulsating laser diode. , 2006, , .		0
107	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
108	BER Performance of All-Optical Subcarrier Label Swapping With 2R Regeneration. IEEE Photonics Technology Letters, 2004, 16, 323-325.	1.3	7

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109	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
110	Packet-by-packet wavelength, time, space-domain contention resolution in an optical-label switching router with 2R regeneration. IEEE Photonics Technology Letters, 2003, 15, 1312-1314.	1.3	11
111	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
112	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
113	RF photonics signal processing in subcarrier multiplexed optical-label switching communication systems. Journal of Lightwave Technology, 2003, 21, 3155-3166.	2.7	57
114	Two-stage reflective-type erbium-doped fiber amplifier with enhanced noise figure characteristics. Optics Communications, 2001, 197, 121-125.	1.0	15
115	Cascaded Raman fibre laser for stable dual-wavelength operation. Electronics Letters, 2001, 37, 740.	0.5	6
116	All-optical demultiplexing scheme using an optical parametric loop mirror. Optics Communications, 2000, 175, 253-256.	1.0	2
117	Dual-wavelength cascaded Raman fibre laser. Electronics Letters, 2000, 36, 1356.	0.5	15
118	All-optical wavelength conversion for 20-Gb/s RZ format data. IEEE Photonics Technology Letters, 2000, 12, 1528-1530.	1.3	2
119	Continuously tunable multi-wavelength transmission filter based on a stabilised fibre-optic interferometer. Optics Communications, 1999, 165, 33-37.	1.0	8
120	All-optical clock recovery from NRZ data of 10 Gb/s. IEEE Photonics Technology Letters, 1999, 11, 730-732.	1.3	29
121	A passively mode-locked fibre laser with a delayed optical path for increasing the repetition rate. Optics Communications, 1998, 148, 59-62.	1.0	9
122	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
123	A stabilised fibre-optic Mach-Zehnder interferometer filter using an independent stabilisation light source. Optics Communications, 1998, 157, 62-66.	1.0	22
124	Pulse-amplitude-equalized output from a rational harmonic mode-locked fiber laser. Optics Letters, 1998, 23, 855.	1.7	41
125	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
126	Figure-of-eight Brillouin/erbium fibre lasers. Electronics Letters, 1998, 34, 2406.	0.5	8



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127	All-fibre-optic clock recovery from non-return-to-zero format data. Electronics Letters, 1998, 34, 478.	0.5	18
128	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
129	All-optical wavelength conversion using cavity dumped fibre laser with nonlinear optical loop mirror. Electronics Letters, 1997, 33, 791.	0.5	6
130	A quantitative performance comparison study of all-optical slotted rings with different packet header speeds. Computer Communications, 1997, 20, 662-670.	3.1	1
131	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
132	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
133	Analysis of polarization properties of a mode-locked fiber laser gyroscope. Applied Optics, 1996, 35, 2206.	2.1	6
134	All-optical format conversion from NRZ to RZ signals using a walk-off balanced nonlinear fibre loop mirror. Electronics Letters, 1996, 32, 2335.	0.5	10
135	Mode-locked fiber laser gyroscope. Optics Letters, 1993, 18, 320.	1.7	28
136	All-optical signal conversions for transparent optical networks. , 0, , .		0
137	Effects of polarization evolutions inside the cholesteric liquid crystal cell on the output characteristics of ring type fiber lasers. , 0, , .		0