

# Kwanil Lee

## List of Publications by Year in descending order

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41  
papers

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citations

361413

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h-index

345221

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41  
docs citations

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times ranked

1110  
citing authors

#	ARTICLE	IF	CITATIONS
1	A femtosecond pulse fiber laser at 1935 nm using a bulk-structured Bi <sub>2</sub> Te <sub>3</sub> topological insulator. Optics Express, 2014, 22, 7865.	3.4	256
2	Mode-locked pulse generation from an all-fiberized, Tm-Ho-codoped fiber laser incorporating a graphene oxide-deposited side-polished fiber. Optics Express, 2013, 21, 20062.	3.4	101
3	Switchable multiwavelength erbium doped fiber laser based on a nonlinear optical loop mirror incorporating multiple fiber Bragg gratings. Optics Express, 2008, 16, 1460.	3.4	79
4	Differential measurement scheme for Brillouin Optical Correlation Domain Analysis. Optics Express, 2012, 20, 27094.	3.4	71
5	Tunable optical delays based on Brillouin dynamic grating in optical fibers. Optics Express, 2009, 17, 10344.	3.4	70
6	Strain and temperature sensitivities of an elliptical hollow-core photonic bandgap fiber based on Sagnac interferometer. Optics Express, 2009, 17, 2481.	3.4	69
7	Brillouin optical correlation domain analysis with more than 1 million effective sensing points based on differential measurement. Optics Express, 2015, 23, 33241.	3.4	59
8	Fiber link loss monitoring scheme in bidirectional WDM transmission using ASE-injected FP-LD. IEEE Photonics Technology Letters, 2006, 18, 523-525.	2.5	48
9	All-fiber Tm-doped soliton laser oscillator with 6 nJ pulse energy based on evanescent field interaction with monolayer graphene saturable absorber. Optics Express, 2016, 24, 14152.	3.4	43
10	Guiding cold atoms in a hollow laser beam. Physical Review A, 1999, 60, 4796-4804.	2.5	42
11	Numerical Modeling of in-Band Pumped Ho-Doped Silica Fiber Lasers. Journal of Lightwave Technology, 2018, 36, 5863-5880.	4.6	33
12	Bending sensitivity of long-period fiber gratings inscribed in holey fibers depending on an axial rotation angle. Optics Express, 2007, 15, 12866.	3.4	31
13	Brillouin Optical Correlation Domain Analysis Enhanced by Time-Domain Data Processing for Concurrent Interrogation of Multiple Sensing Points. Journal of Lightwave Technology, 2017, 35, 5311-5316.	4.6	30
14	Reliable Wavelength-Division-Multiplexed Passive Optical Network Using Novel Protection Scheme. IEEE Photonics Technology Letters, 2008, 20, 679-681.	2.5	27
15	All-Polarization Maintaining Passively Mode-Locked Fiber Laser Using Evanescent Field Interaction With Single-Walled Carbon Nanotube Saturable Absorber. Journal of Lightwave Technology, 2016, 34, 3510-3514.	4.6	27
16	A self-restorable architecture for bidirectional wavelength-division-multiplexed passive optical network with colorless ONUs. Optics Express, 2007, 15, 4863.	3.4	25
17	Extended-reach WDM-PON based on CW supercontinuum light source for colorless FP-LD based OLT and RSOA-based ONUs. Optical Fiber Technology, 2009, 15, 310-319.	2.7	25
18	Linearly configured BOFDA system using a differential measurement scheme. Optics Express, 2014, 22, 1467.	3.4	25

#	ARTICLE	IF	CITATIONS
19	Simultaneous independent measurement of strain and temperature based on long-period fiber gratings inscribed in holey fibers depending on air-hole size. <i>Optics Letters</i> , 2007, 32, 2245.	3.3	21
20	Tunable Dispersion and Dispersion Slope Compensator Using Strain-Chirped Fiber Bragg Grating. <i>IEEE Photonics Technology Letters</i> , 2007, 19, 762-764.	2.5	21
21	Single, Depolarized, CW Supercontinuum-Based Wavelength-Division-Multiplexed Passive Optical Network Architecture With C-Band OLT, L-Band ONU, and U-Band Monitoring. <i>Journal of Lightwave Technology</i> , 2007, 25, 2891-2897.	4.6	18
22	Broadcasting in colorless WDM-PON using spectrum-sliced wavelength conversion. <i>Optical Fiber Technology</i> , 2012, 18, 112-116.	2.7	18
23	Variable-frequency lock-in detection for the suppression of beat noise in Brillouin optical correlation domain analysis. <i>Optics Express</i> , 2011, 19, 18721.	3.4	17
24	50 km-Range Brillouin Optical Correlation Domain Analysis With First-Order Backward Distributed Raman Amplification. <i>Journal of Lightwave Technology</i> , 2020, 38, 5199-5204.	4.6	16
25	Bidirectional measurement for Brillouin optical correlation domain analysis. <i>Optics Express</i> , 2012, 20, 11091.	3.4	15
26	Effects of ion clustering and excited state absorption on the performance of Ho-doped fiber lasers. <i>Optics Express</i> , 2019, 27, 14283.	3.4	13
27	Multistage access network for bidirectional DWDM transmission using ASE-injected FP-LD. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 761-763.	2.5	12
28	Analysis of maximum reach in WDM PON architecture based on distributed Raman amplification and pump recycling technique. <i>Optics Express</i> , 2007, 15, 14942.	3.4	11
29	Broadband supercontinuum generation using a hollow optical fiber filled with copper-ion-modified DNA. <i>Optics Express</i> , 2015, 23, 13537.	3.4	11
30	Control of hollow-core photonic bandgap fiber ellipticity by induced lateral tension. <i>Optics Express</i> , 2009, 17, 1268.	3.4	10
31	Effects of In-Band Crosstalk in Wavelength-Locked Fabry-Pérot Laser-Diode-Based WDM PONs. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 596-598.	2.5	10
32	Single-polarization single-mode photonic crystal fiber based on index-matching coupling with a single silica material. <i>Optical Fiber Technology</i> , 2011, 17, 36-40.	2.7	10
33	Measurement Range Enlargement in Brillouin Optical Correlation Domain Analysis Using Multiple Correlation Peaks. <i>Journal of the Optical Society of Korea</i> , 2012, 16, 210-214.	0.6	10
34	Tunable photonic microwave notch filter using SOA-based single-longitudinal mode, dual-wavelength laser. <i>Optics Express</i> , 2009, 17, 13216.	3.4	8
35	Fabrication of a highly efficient core-mode blocker using a femtosecond laser ablation technique. <i>Optics Express</i> , 2009, 17, 18449.	3.4	7
36	Tunable dispersion slope compensator using two uniform fiber Bragg gratings mounted on S-shape plate. <i>Optics Express</i> , 2009, 17, 4336.	3.4	6

#	ARTICLE	IF	CITATIONS
37	Determination of Crystallographic Axes of Photonic Crystal Fiber by Transversal Scanning Method. Japanese Journal of Applied Physics, 2010, 49, 102503.	1.5	5
38	In situ gas sensing using a remotely detectable probe with replaceable insert. Optics Express, 2012, 20, 1727.	3.4	5
39	Colorless Amplified WDM-PON Employing Broadband Light Source Seeded Optical Sources and Channel-by-Channel Dispersion Compensators for > 100 km Reach. Journal of the Optical Society of Korea, 2014, 18, 436-441.	0.6	4
40	Linearly Configured Brillouin Optical Correlation Domain Analysis System Incorporating Time-Domain Data Processing. Journal of Lightwave Technology, 2019, 37, 4728-4733.	4.6	3
41	Enhanced Measurement Range of Single End Accessible Brillouin Optical Correlation Domain Analysis Incorporating Time-Domain Data Processing. , 2018, , .		1