Kwanil Lee

List of Publications by Year in descending order

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41 papers	1,313 citations	361413 20 h-index	345221 36 g-index
41 all docs	41 docs citations	41 times ranked	1110 citing authors

#	Article	IF	Citations
1	50 km-Range Brillouin Optical Correlation Domain Analysis With First-Order Backward Distributed Raman Amplification. Journal of Lightwave Technology, 2020, 38, 5199-5204.	4.6	16
2	Linearly Configured Brillouin Optical Correlation Domain Analysis System Incorporating Time-Domain Data Processing. Journal of Lightwave Technology, 2019, 37, 4728-4733.	4.6	3
3	Effects of ion clustering and excited state absorption on the performance of Ho-doped fiber lasers. Optics Express, 2019, 27, 14283.	3.4	13
4	Numerical Modeling of in-Band Pumped Ho-Doped Silica Fiber Lasers. Journal of Lightwave Technology, 2018, 36, 5863-5880.	4.6	33
5	Enhanced Measurement Range of Single End Accessible Brillouin Optical Correlation Domain Analysis Incorporating Time-Domain Data Processing. , 2018, , .		1
6	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
7	All-fiber Tm-doped soliton laser oscillator with 6 nJ pulse energy based on evanescent field interaction with monoloayer graphene saturable absorber. Optics Express, 2016, 24, 14152.	3.4	43
8	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
9	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
10	Broadband supercontinuum generation using a hollow optical fiber filled with copper-ion-modified DNA. Optics Express, 2015, 23, 13537.	3.4	11
11	Linearly configured BOCDA system using a differential measurement scheme. Optics Express, 2014, 22, 1467.	3.4	25
12	A femtosecond pulse fiber laser at 1935 nm using a bulk-structured Bi_2Te_3 topological insulator. Optics Express, 2014, 22, 7865.	3.4	256
13	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
14	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
15	In situ gas sensing using a remotely detectable probe with replaceable insert. Optics Express, 2012, 20, 1727.	3.4	5
16	Differential measurement scheme for Brillouin Optical Correlation Domain Analysis. Optics Express, 2012, 20, 27094.	3.4	71
17	Bidirectional measurement for Brillouin optical correlation domain analysis. Optics Express, 2012, 20, 11091.	3.4	15
18	Broadcasting in colorless WDM-PON using spectrum-sliced wavelength conversion. Optical Fiber Technology, 2012, 18, 112-116.	2.7	18

#	Article	IF	Citations
19	Measurement Range Enlargement in Brillouin Optical Correlation Domain Analysis Using Multiple Correlation Peaks. Journal of the Optical Society of Korea, 2012, 16, 210-214.	0.6	10
20	Variable-frequency lock-in detection for the suppression of beat noise in Brillouin optical correlation domain analysis. Optics Express, 2011, 19, 18721.	3.4	17
21	Single-polarization single-mode photonic crystal fiber based on index-matching coupling with a single silica material. Optical Fiber Technology, 2011, 17, 36-40.	2.7	10
22	Determination of Crystallographic Axes of Photonic Crystal Fiber by Transversal Scanning Method. Japanese Journal of Applied Physics, 2010, 49, 102503.	1.5	5
23	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
24	Control of hollow-core photonic bandgap fiber ellipticity by induced lateral tension. Optics Express, 2009, 17, 1268.	3.4	10
25	Strain and temperature sensitivities of an elliptical hollow-core photonic bandgap fiber based on Sagnac interferometer. Optics Express, 2009, 17, 2481.	3.4	69
26	Tunable dispersion slope compensator using two uniform fiber Bragg gratings mounted on S-shape plate. Optics Express, 2009, 17, 4336.	3.4	6
27	Tunable optical delays based on Brillouin dynamic grating in optical fibers. Optics Express, 2009, 17, 10344.	3.4	70
28	Tunable photonic microwave notch filter using SOA-based single-longitudinal mode, dual-wavelength laser. Optics Express, 2009, 17, 13216.	3.4	8
29	Fabrication of a highly efficient core-mode blocker using a femtosecond laser ablation technique. Optics Express, 2009, 17, 18449.	3.4	7
30	Effects of In-Band Crosstalk in Wavelength-Locked Fabryâ€“PÃ‰rot Laser-Diode-Based WDM PONs. IEEE Photonics Technology Letters, 2009, 21, 596-598.	2.5	10
31	Reliable Wavelength-Division-Multiplexed Passive Optical Network Using Novel Protection Scheme. IEEE Photonics Technology Letters, 2008, 20, 679-681.	2.5	27
32	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
33	Simultaneous independent measurement of strain and temperature based on long-period fiber gratings inscribed in holey fibers depending on air-hole size. Optics Letters, 2007, 32, 2245.	3.3	21
34	A self-restorable architecture for bidirectional wavelength-division-multiplexed passive optical network with colorless ONUs. Optics Express, 2007, 15, 4863.	3.4	25
35	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
36	Analysis of maximum reach in WDM PON architecture based on distributed Raman amplification and pump recycling technique. Optics Express, 2007, 15, 14942.	3.4	11

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37	Single, Depolarized, CW Supercontinuum-Based Wavelength-Division-Multiplexed Passive Optical Network Architecture With C-Band OLT, L-Band ONU, and U-Band Monitoring. Journal of Lightwave Technology, 2007, 25, 2891-2897.	4.6	18
38	Tunable Dispersion and Dispersion Slope Compensator Using Strain-Chirped Fiber Bragg Grating. IEEE Photonics Technology Letters, 2007, 19, 762-764.	2.5	21
39	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
40	Multistage access network for bidirectional DWDM transmission using ASE-injected FP-LD. IEEE Photonics Technology Letters, 2006, 18, 761-763.	2.5	12
41	Guiding cold atoms in a hollow laser beam. Physical Review A, 1999, 60, 4796-4804.	2.5	42