

# Ken Kashiwagi

## List of Publications by Year in descending order

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48  
papers

532  
citations

932766

10  
h-index

642321

23  
g-index

48  
all docs

48  
docs citations

48  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deposition of carbon nanotubes around microfiber via evanescent light. Optics Express, 2009, 17, 18364.	1.7	156
2	In-situ monitoring of optical deposition of carbon nanotubes onto fiber end. Optics Express, 2009, 17, 5711.	1.7	79
3	Optically Manipulated Deposition of Carbon Nanotubes onto Optical Fiber End. Japanese Journal of Applied Physics, 2007, 46, L988-L990.	0.8	41
4	Infrared Doppler instrument (IRD) for the Subaru telescope to search for Earth-like planets around nearby M-dwarfs. Proceedings of SPIE, 2014, , .	0.8	36
5	Planar waveguide-type saturable absorber based on carbon nanotubes. Applied Physics Letters, 2006, 89, 081125.	1.5	27
6	Towards athermal optically-interconnected computing system using slotted silicon microring resonators and RF-photon comb generation. Applied Physics A: Materials Science and Processing, 2009, 95, 1101-1109.	1.1	27
7	Direct generation of 125-GHz-spaced optical frequency comb with ultrabroad coverage in near-infrared region by cascaded fiber configuration. Optics Express, 2016, 24, 8120.	1.7	26
8	Multi-branch fiber comb with relative frequency uncertainty at $10^{-20}$ using fiber noise difference cancellation. Optics Express, 2018, 26, 8831.	1.7	19
9	Supercontinuum Comb Generation Using Optical Pulse Synthesizer and Highly Nonlinear Dispersion-Shifted Fiber. Japanese Journal of Applied Physics, 2009, 48, 09LF01.	0.8	15
10	Background suppression in synthesized pulse waveform by feedback control optimization for flatly broadened supercontinuum generation. Optics Express, 2013, 21, 3001.	1.7	12
11	Novel cost effective carbon nanotubes deposition technique using optical tweezer effect. , 2007, , .		11
12	Fiber Transmission Characteristics of Optical Short Pulses Generated by Optical Pulse Synthesizer. Japanese Journal of Applied Physics, 2009, 48, 09LF02.	0.8	9
13	Offset-free all-fiber frequency comb with an acousto-optic modulator and two $\chi^{(2)}$ interferometers. Applied Physics Express, 2017, 10, 072501.	1.1	9
14	Evaluation of Fiber Noise Induced in Ultrastable Environments. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 2246-2252.	2.4	9
15	Optically formed carbon nanotube sphere. Optics Express, 2008, 16, 2528.	1.7	7
16	High-resolution spectroscopy combined with the use of optical frequency comb and heterodyne detection. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 1487.	0.9	7
17	Fiber Transmission Characteristics of Parabolic Pulses Generated by Optical Pulse Synthesizer. Japanese Journal of Applied Physics, 2011, 50, 092501.	0.8	7
18	All optical switching using carbon nanotubes loaded planar waveguide. , 2006, , .		6

#	ARTICLE	IF	CITATIONS
19	Two-Wavelength Multi-Gigahertz Frequency Comb-Based Interferometry for Full-Field Profilometry. Applied Physics Express, 2013, 6, 106601.	1.1	5
20	Frequency-Shifted Multiwavelength Fiber Bragg Grating Laser Sensor. Japanese Journal of Applied Physics, 2004, 43, 8322-8324.	0.8	4
21	High-resolution spectroscopy using interleaved 100GHz optical frequency comb scanned by phase modulator. Optics Communications, 2011, 284, 5180-5184.	1.0	4
22	Generation of Phase Only Pulses Using Optical Pulse Synthesizer. Applied Physics Express, 2011, 4, 092703.	1.1	3
23	Fiber Transmission Characteristics of Parabolic Pulses Generated by Optical Pulse Synthesizer. Japanese Journal of Applied Physics, 2011, 50, 092501.	0.8	3
24	Dark soliton synthesis using an optical pulse synthesizer and transmission through a normal-dispersion optical fiber. Optics Express, 2013, 21, 30886.	1.7	2
25	Generation of broadband frequency-variable laser comb allowing full-frequency sweep in the near-infrared region. Optics Communications, 2019, 438, 13-17.	1.0	2
26	Fabrication of Silica-Based Glass Optical Waveguide by UV Beam Scanning. Japanese Journal of Applied Physics, 2004, 43, 5850-5853.	0.8	1
27	Optical reflectometry for in-situ monitoring of carbon nanotubes deposition by optical tweezers. , 2007, , .		1
28	High-resolution interferometer with broadband supercontinuum light at 1550 nm. , 2011, , .		1
29	Fiber transmission characteristics of phase only pulse and its dispersion compensation in high power regime. IEICE Electronics Express, 2012, 9, 410-415.	0.3	1
30	Temporal Imaging of Optical Asymmetric Waveform Pulses With a Time Lens. IEEE Photonics Journal, 2015, 7, 1-11.	1.0	1
31	Fixed point variations of a frequency comb generated by a passively mode-locked fiber laser. IEICE Electronics Express, 2017, 14, 20170710-20170710.	0.3	1
32	Fabrication of Silica-Based Optical Waveguide Containing Densified Sampled Grating by UV Beam Scanning. , 2007, , .		0
33	Optical Reflectometry for In-situ Monitoring of Carbon Nanotubes Deposition by Optical Tweezers. , 2007, , .		0
34	Trimming of tapered fiber ring resonator by light injection. , 2008, , .		0
35	Optical deposition of carbon nanotubes around tapered fibers. , 2008, , .		0
36	Optical pulse compression with waveform reshaping using pulse synthesizer and cascaded fiber pair. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
37	Generation of phase only pulses and their fiber transmission characteristics. , 2011, , .		0
38	Fiber transmission of high power phase only pulse and its dispersion compensation. , 2012, , .		0
39	Generation of optical short pulses with asymmetric waveforms and their imaging with a time lens. , 2012, , .		0
40	Distance measurement over 30 km using highly sensitive two-photon detection. , 2013, , .		0
41	Polarization insensitive saw-tooth based wavelength converter in cross-phase modulation scheme. , 2015, , .		0
42	Synchronous scanning of reference mirror and objective lens for high-resolution full-field interferometry. Japanese Journal of Applied Physics, 2015, 54, 032501.	0.8	0
43	12.5-GHz-spaced laser frequency comb covering over 100 THz and frequency shift of all individual lines for calibration of infrared Doppler instrument. , 2016, , .		0
44	High-resolution spectroscopy using a frequency-variable comb light source. , 2016, , .		0
45	Differential processing for frequency chirp measurement using optical pulse synthesizer. Optics Communications, 2017, 387, 135-140.	1.0	0
46	Dark Soliton Synthesis Using Optical Pulse Synthesizer and Soliton Transmission in Normal Dispersion Regime. , 2012, , .		0
47	Development of Laser Frequency Comb Light Source for Exoplanet Finder. The Review of Laser Engineering, 2014, 42, 706.	0.0	0
48	Improvement of Frequency Comb and Its Applications. The Review of Laser Engineering, 2018, 46, 362.	0.0	0