

Sejin Lee

List of Publications by Year in descending order

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22
papers

449
citations

933447

10
h-index

1058476

14
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22
all docs

22
docs citations

22
times ranked

450
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultracompact in-line broadband Mach-Zehnder interferometer using a composite leaky hollow-optical-fiber waveguide. Optics Letters, 2008, 33, 2934.	3.3	98
2	Enhancement of chemical sensing capability in a photonic crystal fiber with a hollow high index ring defect at the center. Optics Express, 2011, 19, 1921.	3.4	68
3	All-silica fiber Bessel-like beam generator and its applications in longitudinal optical trapping and transport of multiple dielectric particles. Optics Express, 2010, 18, 25299.	3.4	53
4	Compact all-fiber Bessel beam generator based on hollow optical fiber combined with a hybrid polymer fiber lens. Optics Letters, 2009, 34, 2973.	3.3	46
5	Ultracompact Intrinsic Micro Air-Cavity Fiber Mach-Zehnder Interferometer. IEEE Photonics Technology Letters, 2009, 21, 1027-1029.	2.5	46
6	Acousto-optic control of speckle contrast in multimode fibers with a cylindrical piezoelectric transducer oscillating in the radial direction. Optics Express, 2009, 17, 17536.	3.4	36
7	Guided Wave Analysis of Hollow Optical Fiber for Mode-Coupling Device Applications. Journal of Lightwave Technology, 2009, 27, 4919-4926.	4.6	27
8	Fourier optics along a hybrid optical fiber for Bessel-like beam generation and its applications in multiple-particle trapping. Optics Letters, 2012, 37, 623.	3.3	27
9	A new design of low-loss and ultra-flat zero dispersion photonic crystal fiber using hollow ring defect. Optics Communications, 2012, 285, 4082-4087.	2.1	21
10	Dispersion control in square lattice photonic crystal fiber using hollow ring defects. Optics Express, 2012, 20, 5281.	3.4	10
11	Multicorelike guidance in a triangular-core hollow optical fiber and spectral evolution of its eigenmode degeneracy. Optics Letters, 2012, 37, 4759.	3.3	5
12	Manipulating ZnO nanowires for field-effect device integration by optical-fiber grip coated with thermoplastic copolymer. Journal of Materials Chemistry C, 2013, 1, 7303.	5.5	4
13	Characterization of a novel dual-core elliptical hollow optical fiber with wavelength decreasing differential group delay. Optics Express, 2010, 18, 20344.	3.4	3
14	A micro-structured aperture made of a hollow triangular-core fiber for novel beam shaping. Optics Express, 2010, 18, 20918.	3.4	3
15	ZnO nanowire manipulation and transportation using thermoplastic and tapered silica nanowire. , 2012, , .		1
16	The influence of inhomogeneous birefringent medium on the polarization properties of the LCD backlight unit. , 2013, , .		1
17	Beam shaping technology based on optical fiber for applications in laser, optical tweezer, and free space interconnects. , 2009, , .		0
18	Bessel beam generating hybrid polymer-fiber lens under various fabricating structures. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
19	Birefringent PCF with hollow ring defects. , 2010, , .		0
20	Dual-core elliptical hollow optical fiber with linearly wavelength-decreasing birefringence. , 2010, , .		0
21	3-D Manipulation of ZnO Nanowire Using Optically Activated Thermoplastic Tip on Silica Fiber Taper. IEEE Photonics Technology Letters, 2014, 26, 2001-2003.	2.5	0
22	Breaking the Two-fold Degeneracy in Eigen Modes of a Triangular-Core Hollow Optical Fiber. , 2010, , .		0