K Oguchi

List of Publications by Year
in descending order

17	346	840776 11	940533 16
papers	citations	h-index	g-index

17	17	17	81
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First demonstration of 1580 nm wavelength band WDM transmission for doubling usable bandwidth and suppressing FWM in DSF. Electronics Letters, 1997, 33, 882.	1.0	66
2	Fibre Raman amplifier for 1520 nm band WDM transmission. Electronics Letters, 1998, 34, 1745.	1.0	36
3	Triple-wavelength-band WDM transmission over cascaded dispersion-shifted fibers. IEEE Photonics Technology Letters, 1999, 11, 1506-1508.	2.5	36
4	Wide wavelength band (1535â€“1560 nm and 1574â€“1600 nm), 28 Ã— 10 Gbit/s WDM transmission over 320 km dispersion-shifted fibre. Electronics Letters, 1998, 34, 392.	1.0	35
5	Ultra-wideband, long distance WDM demonstration of 1 Tbit/s (50 Ã— 20 Gbit/s), 600 km transmission using 1550 and 1580 nm wavelength bands. Electronics Letters, 1998, 34, 1127.	1.0	26
6	Trinal-wavelength-band WDM transmission over dispersion-shifted fibre. Electronics Letters, 1999, 35, 321.	1.0	24
7	1580-nm band, equally spaced 8 x 10 Gb/s WDM channel transmission over 360 km (3 x 120 km) of dispersion-shifted fiber avoiding FWM impairment. IEEE Photonics Technology Letters, 1998, 10, 454-456.	2.5	19
8	Bidirectional transmission to suppress interwavelength-band nonlinear interactions in ultrawide-band WDM transmission systems. IEEE Photonics Technology Letters, 1999, 11, 376-378.	2.5	19
9	New notations based on the wavelength transfer matrix for functional analysis of wavelength circuits and new WDM networks using AWG-based star coupler with asymmetric characteristics. Journal of Lightwave Technology, 1996, 14, 1255-1263.	4.6	17
10	1470 nm band wavelength division multiplexing transmission. Electronics Letters, 1998, 34, 1118.	1.0	17
11	Interwavelength-band nonlinear interactions and their suppression in multiwavelength-band WDM transmission systems. Journal of Lightwave Technology, 1999, 17, 2249-2260.	4.6	17
12	Flat-gain operation of 1580 nm-band EDFA with gain variation of 0.2 dB over 1579â€“1592 nm. Electronics Letters, 1998, 34, 1959.	1.0	12
13	Optical design and performance of wavelength-division-multiplexed optical repeater for fiber-optic passive star networks connection. Journal of Lightwave Technology, 1986, 4, 665-671.	4.6	7
14	Recirculating loop experiment for 1580-nm-band large-scale WDM network using dispersion-shifted fiber. IEEE Photonics Technology Letters, 1998, 10, 618-620.	2.5	7
15	Dispersion-compensation-free 16 Ã— 10 Gbit/s WDM transmission in 1580 nm band over 640 km of dispersion-shifted fibre by employing optical duobinary coding. Electronics Letters, 1998, 34, 480.	1.0	5
16	Wide-bandwidth, high sensitivity, optically pre-amplified receiver for 1580 nm band 10 Gbit/s WDM signals. Electronics Letters, 1997, 33, 2071.	1.0	2
17	1580 nm band, equally-spaced 8 Ã— 10 Gb/s WDM channel transmission over 360 km (3 Ã— 120 km) of dispersion-shifted fiber avoiding FWM impairment. , 1997, , .		1