

Toru Mizunami

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

115
citations

1307594

7
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Period Fiber-Grating Temperature Sensors in Ge ^B -Codoped Fibers with Temperature/Strain Discrimination. Japanese Journal of Applied Physics, 2008, 47, 6833-6837.	1.5	18
2	The thickness evolution of the second-order nonlinear layer in thermally poled fused silica. Optics Communications, 2001, 189, 161-166.	2.1	13
3	Power-stabilized tunable narrow-band source using a VCSEL and an EDFA for FBG sensor interrogation. Measurement Science and Technology, 2013, 24, 094017.	2.6	13
4	Large second-order susceptibility generated in the cathodic face of silica by doping F ⁻ anions. Optics Communications, 1999, 172, 97-101.	2.1	10
5	Bulk and near-surface second-order nonlinearities generated in a BK7 soft glass by thermal poling. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 37.	2.1	10
6	Wavelength Tuning of Long-Period Fiber Gratings by Fabrication Using a Tilted Amplitude Mask. Optical Review, 2002, 9, 202-206.	2.0	10
7	Second-harmonic generation from thermally-poled twin-hole silica-glass optical fiber and enhancement by quasi phase matching. Thin Solid Films, 2008, 516, 5890-5893.	1.8	10
8	Study of the second-order susceptibility from the cathode-side face of poled glasses. Journal of Non-Crystalline Solids, 1999, 255, 250-253.	3.1	6
9	Interrogation of fiber-Bragg-grating temperature and strain sensors with a temperature-stabilized VCSEL. Optical Review, 2016, 23, 703-707.	2.0	6
10	Optical emission spectroscopy of ArF ⁺ laser ⁺ irradiated disilane ⁺ acetylene mixtures for 3C ⁺ SiC epitaxial growth. Journal of Applied Physics, 1993, 73, 2024-2026.	2.5	5
11	Second-order optical nonlinearity generated by doping the surface layer of silica with anions or cations. Journal of Applied Physics, 2000, 88, 4666.	2.5	4
12	Second-order nonlinearity and phase matching in thermally poled twin-hole fiber. , 2004, 5350, 115.		3
13	Buffer gas effect in a discharge ⁺ pumped XeBr excimer laser. Journal of Applied Physics, 1992, 71, 2036-2038.	2.5	2
14	Laser ⁺ energy dependence of optical emission from radicals and atoms in laser ⁺ induced chemical ⁺ vapor deposition of SiC. Journal of Applied Physics, 1995, 78, 3525-3527.	2.5	2
15	Quasi-phase-matched second-harmonic generation in thermally poled twin-hole silica-glass optical fiber by mercury-lamp exposure. Thin Solid Films, 2014, 559, 14-17.	1.8	2
16	Effect of fiber stretch on quasi-phase-matching for second-harmonic generation in thermally poled twin-hole silica-glass fiber. Thin Solid Films, 2016, 614, 47-51.	1.8	1
17	Second-harmonic generation and electro-optic modulation in thermally poled and unpoled twin-hole silica-glass optical fiber. , 2011, , .		0
18	Ultra high speed and high capacity optical communication. The Review of Laser Engineering, 2000, 28, 165-165,170.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Report on CLEO/QELS '96.. The Review of Laser Engineering, 1996, 24, 910-932.	0.0	0
20	ãf-ãf¼ã, ¶ãf¼è£...ç½®ãã®1. The Review of Laser Engineering, 1996, 24, 25-36,41.	0.0	0