

Yuzo Yoshikuni

List of Publications by Year in descending order

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19
papers

85
citations

1478505

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h-index

1474206

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g-index

19
all docs

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docs citations

19
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59
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of metastable state lifetimes of a high-concentration erbium-doped fiber under population inversion conditions at 980Ånm pump and 1.5ÅÅµm probe wavelengths. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	1
2	Wavelength-dependent transient gain saturation in an erbium-doped fiber amplifier under different pump conditions. Microwave and Optical Technology Letters, 2018, 60, 2820-2824.	1.4	1
3	Two-wavelength pump-probe technique using single distributed feedback laser array to probe gain recovery of an erbium-doped fiber amplifier. Optical Fiber Technology, 2017, 34, 20-22.	2.7	1
4	Metastable-state lifetime of erbium ions measured in the fiber propagation direction: Expansion of measurable fiber length. Japanese Journal of Applied Physics, 2017, 56, 112501.	1.5	2
5	Metastable-state lifetime of erbium ions measured through delayed absorption in the fiber propagation direction. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	8
6	Wavelength-resolved measurement of gain recovery in an erbium-doped fiber amplifier. Microwave and Optical Technology Letters, 2016, 58, 751-754.	1.4	3
7	Wavelength-dependent transition time of gain saturation in an erbium-doped fiber amplifier. Applied Physics B: Lasers and Optics, 2015, 120, 111-115.	2.2	1
8	Time-domain gate based on a mach-zehnder interferometer to reduce amplified spontaneous emissions in a continuously pumped fiber amplifier. Microwave and Optical Technology Letters, 2014, 56, 590-594.	1.4	0
9	Control and probe of population inversion using nanosecond pulse trains in an erbium-doped fiber amplifier. Optical Fiber Technology, 2014, 20, 483-486.	2.7	2
10	Single wavelength pump-probe technique to measure population recovery in a continuously pumped fiber amplifier. Optics Communications, 2013, 300, 96-99.	2.1	15
11	Recovery of population inversion in an erbium-doped fiber amplifier observed by temporally resolving amplified spontaneous emissions. Applied Optics, 2012, 51, 3670.	1.8	11
12	Transient Population Inversion Induced and Probed by a Signal Pulse in a Continuous-Wave-Pumped Erbium-Doped Fiber Amplifier. Japanese Journal of Applied Physics, 2012, 51, 120201.	1.5	4
13	Transverse Characteristics of Two-Dimensional Imaging by Fourier Domain Optical Coherence Tomography. IEICE Transactions on Electronics, 2012, E95.C, 761-764.	0.6	0
14	Pulse generation system for fiber amplifier optical memory: Measurement of gain saturation properties. , 2011, , .		1
15	Stable and Fast Wavelength Switching in Digitally Tunable Laser Using Chirped Ladder Filter. IEEE Journal of Selected Topics in Quantum Electronics, 2007, 13, 1122-1128.	2.9	10
16	Design of a widely tunable laser with a chirped ladder filter. Optical and Quantum Electronics, 2007, 38, 1053-1060.	3.3	1
17	Ladder-Type Tunable Filter Connected by High-Diffraction-Order Ladder Interferometer for Use in Widely Tunable Laser Diodes. Japanese Journal of Applied Physics, 2005, 44, 4989-4996.	1.5	1
18	A Monte Carlo method for study of Auger recombination effects in semiconductors. Journal of Applied Physics, 1993, 73, 1226-1234.	2.5	7

#	ARTICLE	IF	CITATIONS
19	Temperature sensitivity of Auger-recombination effects in compressively strained $\text{In}_x\text{Ga}_{1-x}\text{As}/\text{In}_x\text{Ga}_{1-x}\text{As}_{1-y}\text{P}_y$ quantum-well lasers. <i>Physical Review B</i> , 1993, 48, 8814-8822.	3.2	16