

Sadao Uemura

List of Publications by Year in descending order

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28
docs citations

28
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of 12-fs pulses from a diode-pumped Kerr-lens mode-locked Cr:LiSAF laser. Optics Letters, 1999, 24, 780.	3.3	51
2	Sub-40-fs Pulses from a Diode-Pumped Kerr-Lens Mode-Locked Yb-Doped Yttrium Aluminum Garnet Laser. Japanese Journal of Applied Physics, 2011, 50, 010201.	1.5	47
3	Generation of 10 fs Pulses from a Diode-Pumped Kerr-Lens Mode-Locked Cr:LiSAF Laser. Japanese Journal of Applied Physics, 2000, 39, 3472-3473.	1.5	42
4	Kerr-Lens Mode-Locked Diode-Pumped Yb:YAG Laser with the Transverse Mode Passively Stabilized. Applied Physics Express, 2008, 1, 012007.	2.4	39
5	Femtosecond Cr:LiSAF laser pumped by a single diode laser. Optics Communications, 1997, 138, 330-332.	2.1	27
6	Sub-40-fs Pulses from a Diode-Pumped Kerr-Lens Mode-Locked Yb-Doped Yttrium Aluminum Garnet Laser. Japanese Journal of Applied Physics, 2011, 50, 010201.	1.5	26
7	Center-Wavelength-Shifted Passively Mode-Locked Diode-Pumped Ytterbium(Yb):Yttrium Aluminum Garnet(YAG) Laser. Japanese Journal of Applied Physics, 2005, 44, L361-L363.	1.5	22
8	Observation of the time evolution of persistent holes in an organic amorphous system using a diode laser. Chemical Physics Letters, 1990, 171, 245-248.	2.6	16
9	Thermal Characteristics of a Continuous-Wave Cr:LiSAF Laser. Japanese Journal of Applied Physics, 1997, 36, 4312-4315.	1.5	14
10	Operation of a femtosecond Cr:LiSAF solitary laser near zero group-delay dispersion. Optics Communications, 1997, 133, 201-204.	2.1	11
11	Dispersion Compensation for a Femtosecond Cr:LiSAF Laser. Japanese Journal of Applied Physics, 1998, 37, 133-134.	1.5	11
12	Continuous-Wave Diode-Pumped Yb:YAG Laser with High Beam Quality. Japanese Journal of Applied Physics, 2006, 45, L846-L848.	1.5	10
13	Fractal interpretation of non-Lorentzian persistent hole shapes in organic glasses. Chemical Physics Letters, 1992, 189, 193-196.	2.6	6
14	Superluminescent diode excitation of femtosecond accumulated photon echoes. Journal of the Optical Society of America B: Optical Physics, 1991, 8, 1093.	2.1	5
15	Dynamics of Persistent Hole Burning in Organic Glasses and Its Fractal Interpretation. Journal of the Physical Society of Japan, 1991, 60, 3557-3567.	1.6	5
16	Optimal design for a diode-pumped high-power high-efficiency high-beam-quality laser. Optics Communications, 2008, 281, 5389-5392.	2.1	4
17	Active mode-locking of conventional diode laser by using external cavity. Optics Communications, 1990, 78, 369-372.	2.1	3
18	Host-structure-dependent non-Lorentzian persistent-hole shapes in organic glasses. Physical Review B, 1992, 46, 10641-10649.	3.2	3

#	ARTICLE	IF	CITATIONS
19	Persistent Photochemical Hole Burning and Subpicosecond Photon Echoes by Using Diode Laser. Japanese Journal of Applied Physics, 1989, 28, 261.	1.5	3
20	Passively stabilized Kerr-lens mode-locked diode-pumped Yb:YAG laser. , 2007, , .		2
21	Ultrashort pulse generation from a diode-pumped Kerr-lens mode-locked Yb:YAG laser. , 2009, , .		2
22	Microjoule Pulses from a High-Efficient Ytterbium-Doped Yttrium Aluminum Garnet Chirped-Pulse Oscillator. Japanese Journal of Applied Physics, 2010, 49, 022702.	1.5	1
23	Profile Analysis of a Yb:YAG Chirped-Pulse Oscillator. , 2010, , .		1
24	Development of a diode-pumped Yb:YAG chirped-pulse oscillator. , 2013, , .		0
25	Diode-Pumped Yb:YAG Ring Laser with High Beam Quality. , 2007, , .		0
26	Kerr-lens Mode-locking Scheme for diode-pumped Yb-doped-bulk Lasers. , 2008, , .		0
27	Kerr-Lens Mode-Locked Yb:YAG Laser Pumped with a Single-Emitter Laser-Diode Chip. , 2012, , .		0
28	Amplification of Semiconductor Laser to Kilowatt Pulses by Using YAG Laser Pumped Dye Cell.. The Review of Laser Engineering, 1992, 20, 806-812.	0.0	0