Sadao Uemura

List of Publications by Year
in descending order

28	351	933447 10	839539 18
papers	citations	h-index	g-index

28	28	28	186
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of a diode-pumped Yb:YAG chirped-pulse oscillator. , 2013, , .		0
2	Kerr-Lens Mode-Locked Yb:YAG Laser Pumped with a Single-Emitter Laser-Diode Chip. , 2012, , .		0
3	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
4	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
5	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
6	Profile Analysis of a Yb:YAG Chirped-Pulse Oscillator. , 2010, , .		1
7	Ultrashort pulse generation from a diode-pumped Kerr-lens mode-locked Yb:YAG laser. , 2009, , .		2
8	Optimal design for a diode-pumped high-power high-efficiency high-beam-quality laser. Optics Communications, 2008, 281, 5389-5392.	2.1	4
9	Kerr-Lens Mode-Locked Diode-Pumped Yb:YAG Laser with the Transverse Mode Passively Stabilized. Applied Physics Express, 2008, 1, 012007.	2.4	39
10	Kerr-lens Mode-locking Scheme for diode-pumped Yb-doped-bulk Lasers. , 2008, , .		0
11	Passively stabilized Kerr-lens mode-locked diode-pumped Yb:YAG laser. , 2007, , .		2
12	Diode-Pumped Yb:YAG Ring Laser with High Beam Quality. , 2007, , .		0
13	Continuous-Wave Diode-Pumped Yb:YAG Laser with High Beam Quality. Japanese Journal of Applied Physics, 2006, 45, L846-L848.	1.5	10
14	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
15	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
16	Generation of 12-fs pulses from a diode-pumped Kerr-lens mode-locked Cr:LiSAF laser. Optics Letters, 1999, 24, 780.	3.3	51
17	Dispersion Compensation for a Femtosecond Cr:LiSAF Laser. Japanese Journal of Applied Physics, 1998, 37, 133-134.	1.5	11
18	Thermal Characteristics of a Continuous-Wave Cr:LiSAF Laser. Japanese Journal of Applied Physics, 1997, 36, 4312-4315.	1.5	14

#	Article	IF	Citations
19	Operation of a femtosecond Cr:LiSAF solitary laser near zero group-delay dispersion. Optics Communications, 1997, 133, 201-204.	2.1	11
20	Femtosecond Cr:LiSAF laser pumped by a single diode laser. Optics Communications, 1997, 138, 330-332.	2.1	27
21	Host-structure-dependent non-Lorentzian persistent-hole shapes in organic glasses. Physical Review B, 1992, 46, 10641-10649.	3.2	3
22	Fractal interpretation of non-Lorentzian persistent hole shapes in organic glasses. Chemical Physics Letters, 1992, 189, 193-196.	2.6	6
23	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
24	Superluminescent diode excitation of femtosecond accumulated photon echoes. Journal of the Optical Society of America B: Optical Physics, 1991, 8, 1093.	2.1	5
25	Dynamics of Persistent Hole Burning in Organic Glassesand Its Fractal Interpretation. Journal of the Physical Society of Japan, 1991, 60, 3557-3567.	1.6	5
26	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
27	Active mode-locking of conventional diode laser by using external cavity. Optics Communications, 1990, 78, 369-372.	2.1	3
28	Persistent Photochemical Hole Burning and Subpicosecond Photon Echoes by Using Diode Laser. Japanese Journal of Applied Physics, 1989, 28, 261.	1.5	3