

Nageshwar Singh

List of Publications by Year in descending order

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26
papers

144
citations

1307594

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1281871

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26
all docs

26
docs citations

26
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of valence band electronic states of near-surface atoms of niobium used for superconducting cavity. Journal of Electron Spectroscopy and Related Phenomena, 2020, 240, 146942.	1.7	0
2	Raman and photoelectron spectroscopic investigation of high-purity niobium materials: Oxides, hydrides, and hydrocarbons. Journal of Applied Physics, 2016, 120, .	2.5	19
3	A study of flow characteristics of a high repetition rate dye laser gain medium. Laser Physics, 2014, 24, 025004.	1.2	3
4	On the coherence measurement of a narrow bandwidth dye laser. Applied Physics B: Lasers and Optics, 2013, 110, 483-489.	2.2	2
5	Spectral fluctuations of a high repetition rate dye laser through a flowing gain medium. Laser Physics, 2013, 23, 085008.	1.2	0
6	Fluorescence fluctuation of Rhodamine 6G dye for high repetition rate laser excitation. Journal of Luminescence, 2013, 134, 607-613.	3.1	6
7	High repetition rate dye laser spectral fluctuations through dye cells. Optik, 2013, 124, 7027-7031.	2.9	1
8	Studies on thermo-optic characteristics of a high repetition rate dye laser. Optics and Laser Technology, 2013, 48, 309-314.	4.6	1
9	Study of a new dye cell for a high repetition rate dye laser. Optics and Laser Technology, 2013, 45, 256-261.	4.6	4
10	Studies on gain medium inhomogeneity and spectral fluctuations coupled with a high repetition rate dye laser. Laser Physics, 2013, 23, 125003.	1.2	1
11	Spectral Intensity Variation by the Correlation Function of Refractive Index Fluctuations of the Liquid Medium. International Journal of Optics, 2013, 2013, 1-7.	1.4	0
12	Design, modeling, and performance evaluation of a novel dye cell for a high repetition rate dye laser. Review of Scientific Instruments, 2012, 83, 105114.	1.3	5
13	Analysis of the spectral variation of a dye laser by gain medium inhomogeneity. Optics and Laser Technology, 2010, 42, 225-229.	4.6	4
14	On the microstructure of thermal and fluid flow field in a lasing medium of a high repetition rate dye laser. Optik, 2010, 121, 1642-1648.	2.9	1
15	A study of the influence of the input electrical power on the spectral width of the 510.6nm line of an atomic copper vapor laser. Optics and Laser Technology, 2010, 42, 866-872.	4.6	0
16	Studies on characteristics of CO2 laser-GTAW hybrid welding of austenitic stainless steel. Journal of Laser Applications, 2010, 22, 79-85.	1.7	4
17	On the hyperfine spectral lines of an atomic copper vapor laser. Optics Communications, 2009, 282, 1393-1398.	2.1	6
18	A composite (stacked) picture generation technique for spectral profile representation of dye laser. Optics Communications, 2009, 282, 4259-4265.	2.1	13

#	ARTICLE	IF	CITATIONS
19	Influence of buffer gas pressure on the spectral width of the $\lambda = 510.6 \text{ nm}$ line of an atomic copper vapor laser. <i>Optical Engineering</i> , 2009, 48, 094201.	1.0	1
20	Study of emission characteristics in laser dye mixtures encapsulated in silica gel matrices. <i>Optical Materials</i> , 2008, 30, 1273-1283.	3.6	11
21	PHOTOEXCITED CARRIER LIFETIME IN DIRECT AND INDIRECT BAND GAP CRYSTALS ON THE Z-SCAN TECHNIQUE AT 532 nm. <i>International Journal of Modern Physics B</i> , 2007, 21, 3029-3034.	2.0	3
22	The spectral measurement of a high repetition rate tunable dye laser output using Fabry-Perot fringe. <i>Optics and Laser Technology</i> , 2007, 39, 733-737.	4.6	14
23	Fluctuations in near 360° curved and straight channel dye cells for high repetition rate copper vapour laser pumped dye laser. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 2084-2089.	2.8	7
24	Influence of optical inhomogeneity in the gain medium on the bandwidth of a high-repetition-rate dye laser pumped by copper vapor laser. <i>Optical Engineering</i> , 2006, 45, 104204.	1.0	11
25	Design of a transversely pumped, high repetition rate, narrow bandwidth dye laser with high wavelength stability. <i>Review of Scientific Instruments</i> , 2004, 75, 5126-5130.	1.3	19
26	Pulsed Laser Induced Multiphoton Photoconductivity in an Indirect Band Gap Crystal: Pbl ₂ . <i>Physica Status Solidi (B): Basic Research</i> , 2000, 219, 421-424.	1.5	8