Alexander Shepelenko

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6442212/publications.pdf

Version: 2024-02-01

16 papers	62 citations	2258059 3 h-index	2053705 5 g-index

16 all docs	16 docs citations	16 times ranked	29 citing authors

#	Article	IF	Citations
1	Atomic iodine production in a gas flow by decomposing methyl iodide in a dc glow discharge. Quantum Electronics, 2002, 32, 1-4.	1.0	27
2	Production of iodine atoms by dissociating CH3I and HI in a dc glow discharge in the flow of argon. Journal Physics D: Applied Physics, 2004, 37, 3202-3206.	2.8	24
3	Singlet delta oxygen concentration and the main process of its decrease in the afterglow of a DC discharge in oxygen flow. High Temperature, 2012, 50, 137-144.	1.0	3
4	Exited oxygen in glow discharge afterglow. , 1999, 3612, 85.		2
5	Title is missing!. High Temperature, 2002, 40, 28-32.	1.0	2
6	Estimates of maximal concentrations of singlet delta oxygen in a DC discharge. High Temperature, 2007, 45, 439-445.	1.0	2
7	<title>Application of vortex-flow dc glow discharge for atomic iodine production for oxygen-iodine laser</title>. , 2004, , .		1
8	Oxygen-iodine active medium with external production of iodine in a DC glow discharge. , 2006, 6346, 164.		1
9	Unstable resonator with semitransparent output coupler for transverse-flow CO 2 laser. , 1992, , .		0
10	<title>Aberration sensitivity of unstable resonator with semitransparent output coupler</title>. , 1994, , .		0
11	Experimental and numerical studies of single-mode laser operation in unstable resonator with semitransparent output coupler and intracavity astigmatism. , 1996, , .		0
12	Approximate analytical calculation of the beam characteristics of a laser with aperture-truncated cavity mirrors. Quantum Electronics, 1999, 29, 877-880.	1.0	0
13	Singlet oxygen production in vortex-flow dc glow discharge. , 2000, , .		0
14	Production of iodine atoms for an oxygenâ€"iodine laser from iodine-containing molecules with the help of atomic oxygen. Quantum Electronics, 2003, 33, 215-218.	1.0	0
15	Increasing the concentration of singlet delta oxygen in discharge products by adding NO2 to oxygen. High Temperature, 2008, 46, 763-767.	1.0	0
16	Determining the effective radiating volume in the emission spectroscopy of an extended medium. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2009, 76, 120.	0.4	0