Mihail A Shulepov

List of Publications by Year
in descending order

24	243	1307594 7	996975 15
papers	citations	h-index	g-index

24	24	24	198
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Luminescence spectra of diamonds containing nitrogen-vacancy and interstitial photoactive centers. Journal of Luminescence, 2021, 237, 118214.	3.1	7
2	The formation of diffuse discharge by short-front nanosecond voltage pulses and the modification of dielectrics in this discharge. Technical Physics Letters, 2014, 40, 625-628.	0.7	6
3	Titanium alloy surface modification by excimer laser irradiation. Optics and Laser Technology, 2013, 54, 419-427.	4.6	25
4	Pulsed IR laser ablation of organic polymers in air: shielding effects and plasma pipe formation. Journal Physics D: Applied Physics, 2011, 44, 385201.	2.8	25
5	Formation of microtower structures on nanosecond laser ablation of liquid metals. Applied Physics A: Materials Science and Processing, 2010, 98, 393-400.	2.3	11
6	<title>Formation of microstructure on liquid metal surface under nanosecond laser ablation</title>. , 2010, , .		0
7	Formation of microtower structures on liquid metal surfaces under nanosecond laser ablation. Proceedings of SPIE, 2010, , .	0.8	0
8	<title>Laser plasma of poly (methyl methacrylate) in air: modeling and experiment</title>. , 2010, , .		0
9	Effect of laser ablation on the mechanical impulse formation in capillary discharge plasma. Technical Physics Letters, 2009, 35, 123-126.	0.7	3
10	Runaway-electron-preionized diffuse discharge at atmospheric pressure and its application. Journal Physics D: Applied Physics, 2009, 42, 185201.	2.8	83
11	Modification of the near-surface layers of a copper foil under the action of a volume gas discharge in air at atmospheric pressure. Technical Physics Letters, 2008, 34, 296-299.	0.7	26
12	Formation of superpower volume discharges and their application for modification of surface of metals. Proceedings of SPIE, 2008, , .	0.8	1
13	Surface modifications of TiN coating by pulsed TEA CO2 and XeCl lasers. Applied Surface Science, 2005, 252, 474-482.	6.1	20
14	Disturbance of adhesion upon ablation of thin films by laser pulses. Quantum Electronics, 2004, 34, 375-380.	1.0	3
15	Repetitively pulsed operating regime of a high-pressure atomic xenon transition laser. Quantum Electronics, 2004, 34, 519-523.	1.0	4
16	Temperature dependence of Teflon transmission factor under TEA-CO 2 laser irradiation. , 2004, , .		1
17	Surface modifications of TiN coating by the pulsed TEA CO2 and KrCl laser. Applied Surface Science, 2004, 225, 362-371.	6.1	19
18	<title>Modification of thin metal and ceramic films by UV and IR laser radiation</title>. , 2004, , .		0

#	Article	IF	Citations
19	<title>Oxidation of titanium surface under laser irradiation</title>. , 2003, , .		1
20	UV and IR laser radiation's interaction with metal film and teflon surfaces. Laser and Particle Beams, 2003, 21, 265-272.	1.0	5
21	Study on the interaction of Xe and XeCl-laser radiation with metals and ceramics. , 2003, 5121, 111.		0
22	Study on the interaction of pulse-periodical CO 2 and Xe atomic laser radiation with teflon and vinypros. , 2003, 5121, 118.		0
23	IR- and UV-laser interaction with metal surfaces. , 2002, , .		1
24	UV and IR laser interaction with metal surfaces. Proceedings of SPIE, 2002, , .	0.8	2