Vladimir Mezentsev

List of Publications by Year
in descending order

11	223	1478505 6	1588992 8
papers	citations	h-index	g-index

11	11	11	218
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mid-infrared channel waveguides in RbPb 2 Cl 5 crystal inscribed by femtosecond laser pulses. Optics and Laser Technology, 2017, 92, 80-84.	4.6	5
2	Waveguide fabrication in lithium-niobo-phosphate glasses by high repetition rate femtosecond laser: route to non-equilibrium materialâ€™s states. Optical Materials Express, 2014, 4, 1197.	3.0	10
3	Full-vectorial modeling of femtosecond pulses for laser inscription of photonic structures. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 1208.	2.1	18
4	Low loss depressed cladding waveguide inscribed in YAG:Nd single crystal by femtosecond laser pulses. Optics Express, 2012, 20, 3832.	3.4	112
5	Point-by-point inscription of 250-nm-period structure in bulk fused silica by tightly-focused femtosecond UV pulses: experiment and numerical modeling. Open Physics, 2010, 8, .	1.7	4
6	Inscription and characterization of waveguides written into borosilicate glass by a high-repetition-rate femtosecond laser at 800 nm. Applied Optics, 2010, 49, 1938.	2.1	25
7	UV femtosecond laser inscribes a 300 nm period nanostructure in a pure fused silica. Measurement Science and Technology, 2007, 18, L15-L17.	2.6	11
8	Femtosecond laser microfabrication of subwavelength structures in photonics. , 2007, , .		12
9	Model of the femtosecond laser inscription by a single pulse. Optical and Quantum Electronics, 2007, 39, 939-946.	3.3	16
10	Micro-fabrication of advanced photonic devices by means of direct point-by-point femtosecond inscription in silica. , 2006, , .		4
11	Adaptive modeling of the femtosecond inscription in silica. , 2006, , .		6