

# Somayeh Panahibakhsh

## List of Publications by Year in descending order

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14  
papers

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citations

1937685

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1720034

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all docs

15  
docs citations

15  
times ranked

33  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of XeCl laser irradiation on the laser damage threshold of the Nd:YAG crystal. <i>Optical and Quantum Electronics</i> , 2015, 47, 1101-1107.	3.3	12
2	Effect of XeCl laser irradiation on the defect structure of Nd:YAG crystals. <i>Optics and Lasers in Engineering</i> , 2014, 60, 12-17.	3.8	10
3	Increasing the laser damage threshold of the Nd:YAG crystal by ArF laser irradiation. <i>European Physical Journal Plus</i> , 2014, 129, 1.	2.6	8
4	Calculation of electrical conductivity of fast discharges in nitrogen gas using the performance of a transversely excited N2 laser. <i>Physics of Plasmas</i> , 2017, 24, 093112.	1.9	6
5	Laser induced modification of the thermo-optical properties of Nd:YAG crystal determined by thermal lens technique. <i>Optical and Quantum Electronics</i> , 2015, 47, 3647-3653.	3.3	5
6	Control of defects and their luminescence properties in Nd:YAG crystals by laser irradiation. <i>Journal of Luminescence</i> , 2020, 218, 116813.	3.1	5
7	Characterization of the optical properties of ArF laser irradiated Nd:YAG crystal. <i>Optik</i> , 2016, 127, 1681-1684.	2.9	4
8	Nanostructure Formation on the Surface of YAG:Nd Crystal by ARF Laser Irradiation. <i>Journal of Applied Spectroscopy</i> , 2015, 82, 329-335.	0.7	3
9	Patterning of silica MCM-41 high-order material on a glass surface by XeCl laser irradiation. <i>European Physical Journal Plus</i> , 2015, 130, 1.	2.6	3
10	Micro- and nanostructures formation on glass surface with different parameters of excimer laser irradiation. <i>Optical Engineering</i> , 2018, 58, 1.	1.0	3
11	Increasing the laser damage threshold of the Nd:YAG crystal by the color center annihilation. <i>Journal of Physics: Conference Series</i> , 2014, 497, 012012.	0.4	2
12	Single Mode Operation of a Teq CO2 Ring Laser. <i>Journal of Applied Spectroscopy</i> , 2013, 80, 624-627.	0.7	1
13	Experimental and theoretical investigations for describing pressure dependence of amplified spontaneous emission output energy, small signal gain and electrical conductivity in nitrogen lasers. <i>Optik</i> , 2018, 168, 541-552.	2.9	1
14	Effect of Laser Irradiation on Optical Properties and Damage Threshold of Nd:Glass. <i>Journal of Russian Laser Research</i> , 0, , .	0.6	0