

# 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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docs citations

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citing authors

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