

Erick Flores Romero

List of Publications by Year in descending order

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21
papers

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1163117

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all docs

21
docs citations

21
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon implanted waveguides in soda lime glass doped with Yb 3+ and Er 3+ for visible light emission. Optics and Laser Technology, 2016, 79, 132-136.	4.6	55
2	Planar waveguide lasers by proton implantation in Nd:YAG crystals. Optics Express, 2004, 12, 2264.	3.4	40
3	Continuous-wave laser oscillation at 1.314µm in Nd:YAG proton-implanted planar waveguides. Applied Physics Letters, 2005, 86, 151108.	3.3	39
4	Optical channel waveguides by proton and carbon implantation in Nd:YAG crystals. Optics Express, 2007, 15, 8513.	3.4	33
5	Synthesis of optical waveguides in SiO2 by silver ion implantation. Optical Materials, 2013, 35, 927-934.	3.6	19
6	Laser emission in proton-implanted Nd:YAG channel waveguides. Optics Express, 2007, 15, 17874.	3.4	12
7	Design of Step-Index Optical Waveguides by Ion Implantation. Journal of Lightwave Technology, 2015, 33, 3052-3059.	4.6	11
8	Fabrication and Characterization of Surfaceenhanced Raman Scattering Substrates With Ordered Arrays of Gold Nanopyramids By Means of Nanosphere Lithography. Materials Express, 2019, 9, 141-149.	0.5	8
9	Upconversion emission in a carbon-implanted Yb:YAG planar waveguide. Optics Communications, 2012, 285, 5531-5534.	2.1	7
10	Waveguiding properties in Yb:YAG crystals implanted with protons and carbon ions. Applied Optics, 2012, 51, 5573.	1.8	5
11	Self-pulsing behavior in a Nd:YAG ion-implanted waveguide laser. Laser Physics, 2008, 18, 637-640.	1.2	3
12	Waveguides by multiple implantations of Ag ion on SiO 2 substrates. Proceedings of SPIE, 2011, , .	0.8	2
13	Study of optical waveguides in Nd:YAG and Nd:YVO 4 crystals. , 2006, , .		1
14	Characterization of channel waveguides fabricated by high dose proton implantation in Nd:YAG. , 2011, , .		1
15	Cooperative emission in ion implanted Yb:YAG waveguides. Journal of Physics: Conference Series, 2011, 274, 012122.	0.4	1
16	Soliton-like structures and the connection between the Bq and KP equations. Chaos, Solitons and Fractals, 2003, 17, 951-966.	5.1	0
17	<title>Laser emission in proton implanted Nd:YAG waveguides</title>. , 2004, , .		0
18	Proton implanted Nd:YAG channel waveguide lasers. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
19	Study of laser channel waveguides in Nd:YAG crystals obtained by proton implantation. , 2011, , .		0
20	Optical waveguides formed by carbon implantation on SiO ₂ . Proceedings of SPIE, 2013, , .	0.8	0
21	Planar waveguides produced by implanting Si and C ions in rutile. Revista Mexicana De Física, 2018, 64, 251-253.	0.4	0