

# Joaquin Fernandez

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34  
papers

580  
citations

16  
h-index

23  
g-index

38  
ext. papers

723  
ext. citations

3.3  
avg, IF

3.55  
L-index

#	Paper	IF	Citations
34	Spectro-temporal behavior of dye-based solid-state random lasers under picosecond pumping regime.. <i>Optics Express</i> , <b>2022</b> , 30, 9674-9684	3.3	0
33	Structural and optical properties in Tm <sup>3+</sup> /Tm <sup>3+</sup> +Yb <sup>3+</sup> doped NaLuF <sub>4</sub> glass-ceramics. <i>International Journal of Applied Glass Science</i> , <b>2021</b> , 12, 485-496	1.8	2
32	Femtosecond laser direct inscription of 3D photonic devices in Er/Yb-doped oxyfluoride nano-glass ceramics. <i>Optical Materials Express</i> , <b>2020</b> , 10, 2695	2.6	2
31	Effect of dopant precursors on the optical properties of rare-earths doped oxyfluoride glass-ceramics. <i>Journal of the American Ceramic Society</i> , <b>2020</b> , 103, 3930-3941	3.8	2
30	Input/output energy in solid state dye random lasers. <i>Optics Express</i> , <b>2019</b> , 27, 19418-19425	3.3	3
29	Site-selective symmetries of Eu <sup>3+</sup> -doped BaTiO <sub>3</sub> ceramics: a structural elucidation by optical spectroscopy. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 13976-13985	7.1	3
28	Tunable upconversion emission in NaLuF <sub>4</sub> -glass-ceramic fibers doped with Er and Yb.. <i>RSC Advances</i> , <b>2019</b> , 9, 31699-31707	3.7	10
27	Transparent glass-ceramics of sodium lutetium fluoride co-doped with erbium and ytterbium. <i>Journal of Non-Crystalline Solids</i> , <b>2018</b> , 501, 136-144	3.9	11
26	Effect of the heat treatment on the spectroscopic properties of Er <sup>3+</sup> -Yb <sup>3+</sup> -doped transparent oxyfluoride nano-glass-ceramics. <i>Journal of Luminescence</i> , <b>2018</b> , 193, 51-60	3.8	33
25	Transparent oxyfluoride glass-ceramics with NaGdF <sub>4</sub> nanocrystals doped with Pr <sup>3+</sup> and Pr <sup>3+</sup> +Yb <sup>3+</sup> . <i>Journal of Luminescence</i> , <b>2018</b> , 193, 61-69	3.8	21
24	Random laser properties of Nd crystal powders. <i>Optics Express</i> , <b>2018</b> , 26, 11787-11803	3.3	16
23	Site symmetry and host sensitization-dependence of Eu real time luminescence in tin dioxide nanoparticles. <i>Optics Express</i> , <b>2018</b> , 26, 16155-16170	3.3	13
22	Transparent Glass-Ceramics Produced by Sol-Gel: A Suitable Alternative for Photonic Materials. <i>Materials</i> , <b>2018</b> , 11,	3.5	26
21	Phase evolution of KLaF <sub>4</sub> nanocrystals and their effects on the photoluminescence of Nd <sup>3+</sup> doped transparent oxyfluoride glass-ceramics. <i>CrystEngComm</i> , <b>2018</b> , 20, 5760-5771	3.3	10
20	Random laser model for Nd-doped powders and its application to stimulated emission cross-section calculations. <i>Optics Express</i> , <b>2018</b> , 26, 31018-31030	3.3	2
19	Speckle-free near-infrared imaging using a Nd <sup>3+</sup> -random laser. <i>Laser Physics Letters</i> , <b>2017</b> , 14, 106201	1.5	19
18	Oxyfluoride glass-ceramic fibers doped with Nd <sup>3+</sup> : structural and optical characterization. <i>CrystEngComm</i> , <b>2017</b> , 19, 6620-6629	3.3	13

17	Influence of grain size and Nd <sup>3+</sup> concentration on the stimulated emission of LiLa <sub>1-x</sub> Nd <sub>x</sub> P <sub>4</sub> O <sub>12</sub> crystal powders. <i>Optical Materials</i> , <b>2017</b> , 63, 46-50	3.3	7
16	Selective excitation in transparent oxyfluoride glass-ceramics doped with Nd <sup>3+</sup> . <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 1695-1706	6	26
15	Influence of Upconversion Processes in the Optically-Induced Inhomogeneous Thermal Behavior of Erbium-Doped Lanthanum Oxysulfide Powders. <i>Materials</i> , <b>2016</b> , 9,	3.5	15
14	Random Laser Action in Nd:YAG Crystal Powder. <i>Materials</i> , <b>2016</b> , 9,	3.5	15
13	Random laser action in stoichiometric Nd <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> garnet crystal powder. <i>Laser Physics Letters</i> , <b>2016</b> , 13, 035402	1.5	9
12	Optical Properties of Transparent Glass-Ceramics Containing Er <sup>3+</sup> -Doped Sodium Lutetium Fluoride Nanocrystals. <i>International Journal of Applied Glass Science</i> , <b>2016</b> , 7, 27-40	1.8	16
11	Diffusive random laser modes under a spatiotemporal scope. <i>Optics Express</i> , <b>2015</b> , 23, 1456-69	3.3	16
10	On the temporal behavior of Nd <sup>3+</sup> random lasers. <i>Optics Letters</i> , <b>2013</b> , 38, 3646-9	3	15
9	Laser action in Nd(3+)-doped lanthanum oxysulfide powders. <i>Optics Express</i> , <b>2012</b> , 20, 23690-9	3.3	19
8	Random lasing in Nd:LuVO <sub>4</sub> crystal powder. <i>Optics Express</i> , <b>2011</b> , 19, 19591-9	3.3	28
7	Real time random laser properties of Rhodamine-doped di-ureasil hybrids. <i>Optics Express</i> , <b>2010</b> , 18, 7470-8	3.3	25
6	Upconversion luminescence of transparent Er <sup>3+</sup> -doped chalcogenide glass-ceramics. <i>Optical Materials</i> , <b>2009</b> , 31, 760-764	3.3	60
5	Optical spectroscopic study of Eu <sup>3+</sup> crystal field sites in Na <sub>3</sub> La <sub>9</sub> O <sub>3</sub> (BO <sub>3</sub> ) <sub>8</sub> crystal. <i>Optics Express</i> , <b>2008</b> , 16, 2653-62	3.3	21
4	Ultrafast random laser emission in a dye-doped silica gel powder. <i>Optics Express</i> , <b>2008</b> , 16, 12251-63	3.3	42
3	Investigation of site-selective symmetries of Eu <sup>3+</sup> ions in KPb <sub>2</sub> Cl <sub>5</sub> by using optical spectroscopy. <i>Optics Express</i> , <b>2005</b> , 13, 2141-52	3.3	35
2	Crystal field studies in Eu <sup>3+</sup> doped Bi <sub>12</sub> SiO <sub>20</sub> and Bi <sub>12</sub> SiO <sub>20</sub> :V <sup>5+</sup> single crystals. <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 323-324, 260-266	5.7	10
1	Temperature-dependent concentration quenching of Nd <sup>3+</sup> -fluorescence in fluoride glasses. <i>Journal of Physics Condensed Matter</i> , <b>1994</b> , 6, 913-924	1.8	35