

Joaquin Fernandez

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9418544/joaquin-fernandez-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Upconversion luminescence of transparent Er ³⁺ -doped chalcogenide glass-ceramics. <i>Optical Materials</i> , 2009 , 31, 760-764	3.3	60
33	Ultrafast random laser emission in a dye-doped silica gel powder. <i>Optics Express</i> , 2008 , 16, 12251-63	3.3	42
32	Investigation of site-selective symmetries of Eu ³⁺ ions in K ₂ Pb ₂ Cl ₅ by using optical spectroscopy. <i>Optics Express</i> , 2005 , 13, 2141-52	3.3	35
31	Temperature-dependent concentration quenching of Nd ³⁺ -fluorescence in fluoride glasses. <i>Journal of Physics Condensed Matter</i> , 1994 , 6, 913-924	1.8	35
30	Effect of the heat treatment on the spectroscopic properties of Er ³⁺ -Yb ³⁺ -doped transparent oxyfluoride nano-glass-ceramics. <i>Journal of Luminescence</i> , 2018 , 193, 51-60	3.8	33
29	Random lasing in Nd:LuVO ₄ crystal powder. <i>Optics Express</i> , 2011 , 19, 19591-9	3.3	28
28	Transparent Glass-Ceramics Produced by Sol-Gel: A Suitable Alternative for Photonic Materials. <i>Materials</i> , 2018 , 11,	3.5	26
27	Selective excitation in transparent oxyfluoride glass-ceramics doped with Nd ³⁺ . <i>Journal of the European Ceramic Society</i> , 2017 , 37, 1695-1706	6	26
26	Real time random laser properties of Rhodamine-doped di-ureasil hybrids. <i>Optics Express</i> , 2010 , 18, 7470-8	3.8	25
25	Transparent oxyfluoride glass-ceramics with NaGdF ₄ nanocrystals doped with Pr ³⁺ and Pr ³⁺ -Yb ³⁺ . <i>Journal of Luminescence</i> , 2018 , 193, 61-69	3.8	21
24	Optical spectroscopic study of Eu ³⁺ crystal field sites in Na ₃ La ₉ O ₃ (BO ₃) ₈ crystal. <i>Optics Express</i> , 2008 , 16, 2653-62	3.3	21
23	Speckle-free near-infrared imaging using a Nd ³⁺ -random laser. <i>Laser Physics Letters</i> , 2017 , 14, 106201	1.5	19
22	Laser action in Nd(3+)-doped lanthanum oxysulfide powders. <i>Optics Express</i> , 2012 , 20, 23690-9	3.3	19
21	Diffusive random laser modes under a spatiotemporal scope. <i>Optics Express</i> , 2015 , 23, 1456-69	3.3	16
20	Random laser properties of Nd crystal powders. <i>Optics Express</i> , 2018 , 26, 11787-11803	3.3	16
19	Optical Properties of Transparent Glass-Ceramics Containing Er ³⁺ -Doped Sodium Lutetium Fluoride Nanocrystals. <i>International Journal of Applied Glass Science</i> , 2016 , 7, 27-40	1.8	16
18	On the temporal behavior of Nd ³⁺ random lasers. <i>Optics Letters</i> , 2013 , 38, 3646-9	3	15

17	Influence of Upconversion Processes in the Optically-Induced Inhomogeneous Thermal Behavior of Erbium-Doped Lanthanum Oxysulfide Powders. <i>Materials</i> , 2016 , 9,	3.5	15
16	Random Laser Action in Nd:YAG Crystal Powder. <i>Materials</i> , 2016 , 9,	3.5	15
15	Oxyfluoride glass/ceramic fibers doped with Nd ³⁺ : structural and optical characterization. <i>CrystEngComm</i> , 2017 , 19, 6620-6629	3.3	13
14	Site symmetry and host sensitization-dependence of Eu real time luminescence in tin dioxide nanoparticles. <i>Optics Express</i> , 2018 , 26, 16155-16170	3.3	13
13	Transparent glass-ceramics of sodium lutetium fluoride co-doped with erbium and ytterbium. <i>Journal of Non-Crystalline Solids</i> , 2018 , 501, 136-144	3.9	11
12	Phase evolution of KLaF ₄ nanocrystals and their effects on the photoluminescence of Nd ³⁺ doped transparent oxyfluoride glass-ceramics. <i>CrystEngComm</i> , 2018 , 20, 5760-5771	3.3	10
11	Crystal field studies in Eu ³⁺ doped Bi ₁₂ SiO ₂₀ and Bi ₁₂ SiO ₂₀ :V ⁵⁺ single crystals. <i>Journal of Alloys and Compounds</i> , 2001 , 323-324, 260-266	5.7	10
10	Tunable upconversion emission in NaLuF ₄ -glass-ceramic fibers doped with Er and Yb.. <i>RSC Advances</i> , 2019 , 9, 31699-31707	3.7	10
9	Random laser action in stoichiometric Nd ₃ Ga ₅ O ₁₂ garnet crystal powder. <i>Laser Physics Letters</i> , 2016 , 13, 035402	1.5	9
8	Influence of grain size and Nd ³⁺ concentration on the stimulated emission of LiLa _{1-x} Nd _x P ₄ O ₁₂ crystal powders. <i>Optical Materials</i> , 2017 , 63, 46-50	3.3	7
7	Input/output energy in solid state dye random lasers. <i>Optics Express</i> , 2019 , 27, 19418-19425	3.3	3
6	Site-selective symmetries of Eu ³⁺ -doped BaTiO ₃ ceramics: a structural elucidation by optical spectroscopy. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13976-13985	7.1	3
5	Femtosecond laser direct inscription of 3D photonic devices in Er/Yb-doped oxyfluoride nano-glass ceramics. <i>Optical Materials Express</i> , 2020 , 10, 2695	2.6	2
4	Random laser model for Nd-doped powders and its application to stimulated emission cross-section calculations. <i>Optics Express</i> , 2018 , 26, 31018-31030	3.3	2
3	Structural and optical properties in Tm ³⁺ /Tm ³⁺ +Yb ³⁺ doped NaLuF ₄ glass-ceramics. <i>International Journal of Applied Glass Science</i> , 2021 , 12, 485-496	1.8	2
2	Effect of dopant precursors on the optical properties of rare-earths doped oxyfluoride glass-ceramics. <i>Journal of the American Ceramic Society</i> , 2020 , 103, 3930-3941	3.8	2
1	Spectro-temporal behavior of dye-based solid-state random lasers under picosecond pumping regime.. <i>Optics Express</i> , 2022 , 30, 9674-9684	3.3	0