Rafael Ramiro Pereira

List of Publications by Year
in descending order

10	173	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unusual broadening of the NIR luminescence of Er3+-doped Nb2O5 nanocrystals embedded in silica host: Preparation and their structural and spectroscopic study for photonics applications. Materials Chemistry and Physics, 2014, 147, 751-760.	4.0	37
2	Nanostructured rare earth doped Nb 2 O 5 : Structural, optical properties and their correlation with photonic applications. Journal of Luminescence, 2016, 170, 707-717.	3.1	36
3	Yttrium tantalate containing high concentrations of Eu3+ as dopant: Synthesis and structural and luminescence features. Journal of Luminescence, 2018, 199, 143-153.	3.1	24
4	Broad and intense NIR luminescence from rare earth doped SiO2â€“Nb2O5 glass and glass ceramic prepared by a new sol gel route. Journal of Luminescence, 2016, 171, 63-71.	3.1	17
5	Continuous wave near-infrared phonon-assisted upconversion in single Nd3+-doped yttria nanoparticles. Journal of Luminescence, 2017, 192, 963-968.	3.1	13
6	Synthesis and spectroscopic properties of luminescent tantalum(v)-Î²-diketonate complexes and their use as optical sensors and the preparation of nanostructured Ta2O5. Dalton Transactions, 2015, 44, 3829-3836.	3.3	11
7	Primary thermometers based on solâ€“gel upconverting Er3+/Yb3+ co-doped yttrium tantalates with high upconversion quantum yield and emission color tunability. Journal of Sol-Gel Science and Technology, 2022, 102, 249-263.	2.4	11
8	High Eu³⁺ concentration quenching in Y₃TaO₇ solid solution for orange-reddish emission in photonics. RSC Advances, 2020, 10, 16917-16927.	3.6	9
9	Niobium oxide influence on the structural properties and NIR luminescence of Er3+/Yb3+ co-doped and single-doped 1â^'xSiO2â^'xNb2O5 nanocomposites prepared by an alternative solâ€“gel route. Journal of Luminescence, 2016, 180, 355-363.	3.1	8
10	Highly red luminescent Nb2O5:Eu3+ nanoparticles in silicate host for solid-state lighting and energy conversion. Optical Materials, 2021, 111, 110671.	3.6	7