

# Miguel A Vallejo

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

126  
citations

1307594

7  
h-index

1372567

10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent organic particle doped polymer-based gel dosimeter for neutron detection. Applied Radiation and Isotopes, 2022, 180, 110067.	1.5	0
2	Li <sub>2</sub> B <sub>4</sub> O <sub>7</sub> glass exhibits photo-darkening suppression due to copper nanoparticles. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	2
3	Hybridization bond states and band structure of graphene: a simple approach. European Journal of Physics, 2022, 43, 045401.	0.6	6
4	Mn, Cu and Cr nanoparticles in Li <sub>2</sub> B <sub>4</sub> O <sub>7</sub> glass: Radiation shielding and optical properties. Radiation Physics and Chemistry, 2022, 194, 110037.	2.8	15
5	Dosimetric analysis of graphitic carbon nitride quantum dots exposed to a gamma radiation for a low-dose applications. Applied Radiation and Isotopes, 2022, 184, 110200.	1.5	2
6	Thermoluminescence of Cu-Doped Li <sub>2</sub> B <sub>4</sub> O <sub>7</sub> +PTFE Annealed by Graphene Exposed to X-Rays and Gamma Radiation. Journal of Molecular and Engineering Materials, 2020, 08, .	1.8	1
7	Synthesis of high quality PbS colloidal quantum dots by ultrasonic bath as photosensitizers in a TiO <sub>2</sub> solar cell. Journal of Solid State Chemistry, 2020, 292, 121720.	2.9	8
8	Enhancing the photocatalytic degradation of ciprofloxacin contaminant using a combined laser irradiation (285/365Ånm) and porous g-C <sub>3</sub> N <sub>4</sub> . Materials Chemistry and Physics, 2020, 252, 123198.	4.0	10
9	Efficient hydrogen generation by ZnAl <sub>2</sub> O <sub>4</sub> nanoparticles embedded on a flexible graphene composite. Renewable Energy, 2020, 152, 634-643.	8.9	15
10	Silver Nanoparticles Enhance Thermoluminescence and Photoluminescence Response in Li <sub>2</sub> B <sub>4</sub> O <sub>7</sub> Glass Doped with Dy <sup>3+</sup> and Yb <sup>3+</sup> . Journal of Fluorescence, 2020, 30, 143-150.	2.5	6
11	Enhancing the Nonlinear Optical Properties of Lithium Tetraborate Glass Using Rare Earth Elements and Silver Nanoparticles. Nano, 2020, 15, 2050064.	1.0	7
12	Enhancing the photoluminescence and thermoluminescence emission of cyanuric acid with Eu <sup>3+</sup> dopant for UV radiation detection. Journal of Luminescence, 2019, 215, 116673.	3.1	6
13	Effect of europium concentration on the photoluminescent and thermoluminescent properties of HfO <sub>2</sub> :Eu <sup>3+</sup> nanocrystals. Ceramics International, 2018, 44, 8081-8086.	4.8	9
14	Thermoluminescent response and kinetic parameters of Eu <sup>3+</sup> -doped LiF crystals exposed to X-rays. Journal of Luminescence, 2017, 182, 160-165.	3.1	7
15	Effect of Synthesis Temperature on Morphological and Luminescent Properties of Lithium Fluoride Crystals. Journal of Nanoscience and Nanotechnology, 2017, 17, 5612-5616.	0.9	4
16	Photoluminescence and Thermoluminescence of Phosphate Glasses Doped with Dy <sup>3+</sup> and Containing Silver Nanoparticles. Nano, 2017, 12, 1750145.	1.0	7
17	Effect of Crystal Size and Ag Concentration on the Thermoluminescent Response of Pure and Ag-Doped LiF Cubes. Nano, 2016, 11, 1650041.	1.0	7
18	Mammalian cells exposed to ionizing radiation: Structural and biochemical aspects. Applied Radiation and Isotopes, 2016, 108, 12-15.	1.5	5

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19	Enhanced Near-Infrared Emission from Holmium–Ytterbium Co-Doped Phosphate Glasses Containing Silver Nanoparticles. <i>Applied Spectroscopy</i> , 2014, 68, 1247-1253.	2.2	9