

# Maricela Villanueva-Ibáñez

## List of Publications by Year in descending order

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20  
papers

309  
citations

933447

10  
h-index

996975

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

381  
citing authors

#	ARTICLE	IF	CITATIONS
1	Annealing and doping effects on the structure of europium-doped HfO <sub>2</sub> sol-gel material. Optical Materials, 2003, 24, 51-57.	3.6	47
2	HfO <sub>2</sub> :X (X = Eu <sup>3+</sup> , Ce <sup>3+</sup> , Y <sup>3+</sup> ) Sol Gel Powders for Ultradense Scintillating Materials. Journal of Physical Chemistry A, 2008, 112, 10152-10155.	2.5	46
3	Aqueous corn husk extract mediated green synthesis of AgCl and Ag nanoparticles. Materials Letters, 2015, 152, 166-169.	2.6	40
4	Influence of Sr/Hf ratio and annealing treatment on structural and scintillating properties of sol-gel Ce <sup>3+</sup> -doped strontium hafnate powders. Optical Materials, 2005, 27, 1541-1546.	3.6	31
5	Structural characterizations and waveguiding properties of YAG thin films obtained by different sol-gel processes. Optical Materials, 2005, 27, 1471-1479.	3.6	31
6	Elaboration, structural and spectroscopic properties of rare earth-doped yttrium-hafnium sol-gel oxide powders for scintillation applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 105, 12-15.	3.5	30
7	A New Elaboration Route by Sol-Gel Process for Cerium Doped SrHfO <sub>3</sub> Films and Powders. Journal of Sol-Gel Science and Technology, 2004, 31, 277-281.	2.4	24
8	A Simple Kinetic Model for the Growth of Fe <sub>2</sub> B Layers on AISI 1026 Steel During the Powder-pack Boriding. High Temperature Materials and Processes, 2015, 34, 1-11.	1.4	19
9	Water quality indices for groundwater impacted by geogenic background and anthropogenic pollution: case study in Hidalgo, Mexico. International Journal of Environmental Science and Technology, 2019, 16, 2201-2214.	3.5	12
10	Photoelectrochemical properties of chemically deposited cadmium sulphoselenide (Cd <sub>1-x</sub> Se <sub>x</sub> /ITO) thin films. Vacuum, 2020, 175, 109277.	3.5	11
11	Influence of the Synthesis Method on the Microstructure and the Electronic Paramagnetic Resonance in Manganite of Eu <sub>0.05</sub> :Ca <sub>0.95</sub> MnO <sub>3</sub> . Materials Science Forum, 0, 691, 139-144.	0.3	5
12	Temperature and Deposition Time Effect on Properties and Kinetics of CdSe and Cd <sub>0.25</sub> Se <sub>0.75</sub> Films Deposited by CBD. Materials Research, 2017, 20, 1121-1128.	1.3	5
13	Application of multi-wavelength m-lines spectroscopy for optical analysis of sol-gel prepared waveguide thin films. , 2005, , .		3
14	Synthesis, characterization and thermal stability of solid solutions Zr (Y, Fe, Mo)O <sub>2</sub> . Boletín De La Sociedad Española De Cerámica Y Vidrio, 2015, 54, 119-123.	1.9	2
15	Cerium-doped SrHfO <sub>3</sub> sol-gel films. Revista Materia, 2010, 15, 527-532.	0.2	1
16	Structural Evolution of ZnO Polyol-Derived Nanomaterials. Materials Science Forum, 2011, 691, 72-76.	0.3	1
17	Síntesis en medio poli-alcohólico y caracterización de Perovskitas BaHfO <sub>3</sub> y BaZrO <sub>3</sub> . Revista Materia, 2013, 18, 1501-1509.	0.2	1
18	Synthesis and Annealing Effects on the Structure of Alumina by Polyol Mediated Process. Materials Science Forum, 2011, 691, 44-48.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Síntesis, caracterización y aplicaciones de las nanopartículas de oro en tratamientos contra el cáncer. Educación Y Salud Boletín Científico Instituto De Ciencias De La Salud Universidad Autónoma Del Estado De Hidalgo, 2021, 9, 71-73.	0.1	0
20	Síntesis de nanocomposites NTC-13%ZrO <sub>2</sub> ·8H <sub>2</sub> O/Al <sub>2</sub> O <sub>3</sub> -xFe. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2014, 53, 76-80.	1.9	0