

# Javier Lopez-Solano

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,499  
citations

361413

20  
h-index

315739

38  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1552  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the Tourism Climate Index in the Canary Islands. Sustainability, 2021, 13, 7042.	3.2	10
2	Role of rare earth sites and vacancies in the anomalous compression of modulated scheelite tungstates $\text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 692 Td}$		
3	Physical Review Materials, 2021, 5, . Aerosol optical depth in the European Brewer Network. Atmospheric Chemistry and Physics, 2018, 18, 3885-3902.	4.9	19
4	Internal consistency of the Regional Brewer Calibration Centre for Europe triad during the period 2005-2016. Atmospheric Measurement Techniques, 2018, 11, 4059-4072.	3.1	12
5	EUBREWNET RBCC-E Huelva 2015 Ozone Brewer Intercomparison. Atmospheric Chemistry and Physics, 2018, 18, 9441-9455.	4.9	15
6	Soluble iron dust export in the high altitude Saharan Air Layer. Atmospheric Environment, 2016, 133, 49-59.	4.1	24
7	Modulation of Saharan dust export by the North African dipole. Atmospheric Chemistry and Physics, 2015, 15, 7471-7486.	4.9	99
8	HgGa <sub>2</sub> Se <sub>4</sub> under high pressure: An optical absorption study. Physica Status Solidi (B): Basic Research, 2015, 252, 2043-2051.	1.5	13
9	Experimental and theoretical study of $\text{Eu}_2(\text{MoO}_4)_3$ under compression. Journal of Physics Condensed Matter, 2015, 27, 465401.	1.8	5
10	Equation of state and electronic properties of EuVO <sub>4</sub> : A high-pressure experimental and computational study. Journal of Alloys and Compounds, 2015, 648, 1005-1016.	5.5	17
11	Equation of state of zircon- and scheelite-type dysprosium orthovanadates: a combined experimental and theoretical study. Journal of Physics Condensed Matter, 2014, 26, 025401.	1.8	12
12	Pressure evolution of two polymorphs of Tb <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> . High Pressure Research, 2014, 34, 184-190.	1.2	3
13	A combined study of the equation of state of monazite-type lanthanum orthovanadate using <i>in situ</i> high-pressure diffraction and <i>ab initio</i> calculations. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 533-538.	1.1	16
14	Effect of pressure on $\text{La}_2\text{WO}_4$ with a modulated scheelite-type structure. Physical Review B, 2014, 89, .	3.2	9
15	Lattice Dynamics Study of HgGa <sub>2</sub> Se <sub>4</sub> at High Pressures. Journal of Physical Chemistry C, 2013, 117, 15773-15781.	3.1	21
16	Crystal structure of HgGa <sub>2</sub> Se <sub>4</sub> under compression. Materials Research Bulletin, 2013, 48, 2128-2133.	5.2	18
17	High-pressure study of the structural and elastic properties of defect-chalcopyrite HgGa <sub>2</sub> Se <sub>4</sub> . Journal of Applied Physics, 2013, 113, .	2.5	28
18	Ferroic phase transition in LaEr(MoO <sub>4</sub> ) <sub>3</sub> . Powder Diffraction, 2013, 28, S86-S93.	0.2	2



#	ARTICLE	IF	CITATIONS
37	Electronic structure of p-type ultraviolet-transparent conducting CuScO <sub>2</sub> films. <i>Thin Solid Films</i> , 2008, 516, 1431-1433.	1.8	17
38	Crystal stability and pressure-induced phase transitions in scheelite AWO <sub>4</sub> (A = Ca, Sr, Ba, Pb, Eu) binary oxides. I: A review of recent ab initio calculations, ADXRD, XANES, and Raman studies. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 325-330.	1.5	31
39	Structural phases of InAs under pressure. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 274-278.	1.5	6
40	Crystal stability and pressure-induced phase transitions in scheelite AWO <sub>4</sub> (A = Ca, Sr, Ba, Pb, Eu) binary oxides. II: Towards a systematic understanding. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 295-302.	1.5	34
41	Determination of the high-pressure crystal structure of BaWO <sub>4</sub> and PbWO <sub>4</sub> . <i>Physical Review B</i> , 2006, 73, .	3.2	95
42	Theoretical and experimental study of CaWO <sub>4</sub> and SrWO <sub>4</sub> under pressure. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 2164-2171.	4.0	24
43	Theoretical study of the scheelite-to-fergusonite phase transition in YLiF <sub>4</sub> under pressure. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 2077-2082.	4.0	3
44	Lattice dynamics study of scheelite tungstates under high pressure I. BaWO <sub>4</sub> . <i>Physical Review B</i> , 2006, 74, .	3.2	91
45	Theoretical study of the YLiF <sub>4</sub> phase transitions under pressure. <i>Physical Review B</i> , 2006, 73, .	3.2	13
46	Lattice dynamics study of scheelite tungstates under high pressure II. PbWO <sub>4</sub> . <i>Physical Review B</i> , 2006, 74, .	3.2	50
47	High-pressure structural study of the scheelite tungstates CaWO <sub>4</sub> and SrWO <sub>4</sub> . <i>Physical Review B</i> , 2005, 72, .	3.2	159
48	Theoretical study of ZnS under high pressure. <i>Physica Status Solidi (B): Basic Research</i> , 2003, 235, 452-455.	1.5	8