

# Jacques Soullard

## List of Publications by Year in descending order

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18  
papers

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1478505

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docs citations

19  
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Mechanical Calculations of High-T <sub>c</sub> Fe-Superconductors. Journal of Quantum Information Science, 2021, 11, 84-98.	0.4	3
2	Fe-family of superconductors: Influence of Ni dopant on the superconductivity in BaFe <sub>2</sub> As <sub>2</sub> crystal and the relaxation volume- CORRIGENDUM. MRS Advances, 2020, 5, 2751-2751.	0.9	0
3	Fe-family of superconductors: Influence of Ni dopant on the superconductivity in BaFe <sub>2</sub> As <sub>2</sub> crystal and the relaxation volume. MRS Advances, 2019, 4, 3069-3076.	0.9	1
4	Electronic structure study of new family of high-T <sub>c</sub> Fe-superconductors based on BaFe <sub>2</sub> As <sub>2</sub> in presence of dopants Rh and Pd.. MRS Advances, 2019, 4, 3365-3372.	0.9	4
5	Comparative Study of the Magnetic Structure of BaFe <sub>2</sub> As <sub>2</sub> Doped with Co or Ni. Journal of Superconductivity and Novel Magnetism, 2016, 29, 3147-3154.	1.8	7
6	Comparative study of pure and Co-doped $\text{BaFe}_{1-x}\text{Co}_x\text{As}_2$ . Physical Review B, 2015, 91, .	1.2	1
7	Evolution of the vibrational spectra of doped hydrogen clusters with pressure. Journal of Chemical Physics, 2014, 140, 194301.	3.0	1
8	Pressure-Induced Metallization of Li-Doped Hydrogen Clusters. Journal of Physical Chemistry A, 2013, 117, 5642-5649.	2.5	2
9	Thermodynamic States of Nanoclusters at Low Pressure and Low Temperature: The Case of 13 H <sub>2</sub> . Journal of Physical Chemistry A, 2011, 115, 9790-9800.	2.5	5
10	Thermal behavior of a 13-molecule hydrogen cluster under pressure. Journal of Chemical Physics, 2010, 132, 124505.	3.0	6
11	Influence of the electron correlation on the electronic structure of pure and Ti-doped Sr <sub>2</sub> RuO <sub>4</sub> superconductor. Physica B: Condensed Matter, 2008, 403, 1076-1077.	2.7	1
12	Pressure and size effects in endohedrally confined hydrogen clusters. Journal of Chemical Physics, 2008, 128, 064316.	3.0	13
13	Electronic structure of the pure and Ti-doped Sr <sub>2</sub> RuO <sub>4</sub> superconductor obtained by the embedded cluster method. Physical Review B, 2007, 76, .	3.2	3
14	Comparative study of the electronic structure of pure and Ti-doped Sr <sub>2</sub> RuO <sub>4</sub> superconductor. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1008-1009.	1.2	4
15	The atomization process of endohedrally confined hydrogen molecules. Chemical Physics Letters, 2005, 414, 483-488.	2.6	10
16	Endohedral confinement of molecular hydrogen. Chemical Physics Letters, 2004, 391, 187-190.	2.6	24
17	Endohedral confinement of molecular hydrogen. Chemical Physics Letters, 2004, 391, 187-187.	2.6	1
18	Effect of Zn and Ni substitution on the local electronic structure of the YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> superconductor. Physical Review B, 2002, 65, .	3.2	47