

Jacques Soullard

List of Publications by Year in descending order

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18
papers

139
citations

1478505

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1199594

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19
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19
docs citations

19
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Zn and Ni substitution on the local electronic structure of the YBa ₂ Cu ₃ O ₇ superconductor. Physical Review B, 2002, 65, .	3.2	47
2	Endohedral confinement of molecular hydrogen. Chemical Physics Letters, 2004, 391, 187-190.	2.6	24
3	Pressure and size effects in endohedrally confined hydrogen clusters. Journal of Chemical Physics, 2008, 128, 064316.	3.0	13
4	The atomization process of endohedrally confined hydrogen molecules. Chemical Physics Letters, 2005, 414, 483-488.	2.6	10
5	Comparative study of pure and Co-doped BaFe_2As_2 superconductor. Physical Review B, 2015, 91, .	1.2	0
6	Comparative Study of the Magnetic Structure of BaFe ₂ As ₂ Doped with Co or Ni. Journal of Superconductivity and Novel Magnetism, 2016, 29, 3147-3154.	1.8	7
7	Thermal behavior of a 13-molecule hydrogen cluster under pressure. Journal of Chemical Physics, 2010, 132, 124505.	3.0	6
8	Thermodynamic States of Nanoclusters at Low Pressure and Low Temperature: The Case of 13 H ₂ . Journal of Physical Chemistry A, 2011, 115, 9790-9800.	2.5	5
9	Comparative study of the electronic structure of pure and Ti-doped Sr ₂ RuO ₄ superconductor. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1008-1009.	1.2	4
10	Electronic structure study of new family of high-T _c Fe-superconductors based on BaFe ₂ As ₂ in presence of dopants Rh and Pd.. MRS Advances, 2019, 4, 3365-3372.	0.9	4
11	Electronic structure of the pure and Ti-doped Sr ₂ RuO ₄ superconductor obtained by the embedded cluster method. Physical Review B, 2007, 76, .	3.2	3
12	Quantum Mechanical Calculations of High-T _c Fe-Superconductors. Journal of Quantum Information Science, 2021, 11, 84-98.	0.4	3
13	Pressure-Induced Metallization of Li ⁺ -Doped Hydrogen Clusters. Journal of Physical Chemistry A, 2013, 117, 5642-5649.	2.5	2
14	Endohedral confinement of molecular hydrogen. Chemical Physics Letters, 2004, 391, 187-187.	2.6	1
15	Influence of the electron correlation on the electronic structure of pure and Ti-doped Sr ₂ RuO ₄ superconductor. Physica B: Condensed Matter, 2008, 403, 1076-1077.	2.7	1
16	Evolution of the vibrational spectra of doped hydrogen clusters with pressure. Journal of Chemical Physics, 2014, 140, 194301.	3.0	1
17	Fe-family of superconductors: Influence of Ni dopant on the superconductivity in BaFe ₂ As ₂ crystal and the relaxation volume. MRS Advances, 2019, 4, 3069-3076.	0.9	1
18	Fe-family of superconductors: Influence of Ni dopant on the superconductivity in BaFe ₂ As ₂ crystal and the relaxation volume- CORRIGENDUM. MRS Advances, 2020, 5, 2751-2751.	0.9	0