

Alessandra Continenza

List of Publications by Year in descending order

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25
papers

375
citations

932766

10
h-index

752256

20
g-index

25
all docs

25
docs citations

25
times ranked

594
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational band-structure engineering of III-V semiconductor alloys. Applied Physics Letters, 2001, 79, 368-370.	1.5	99
2	Light harvesting with multiwall carbon nanotube/silicon heterojunctions. Nanotechnology, 2011, 22, 115701.	1.3	47
3	Structural and magnetic properties of CaFe_2As_2 . Physical Review B, 2008, 77, .	1.1	44
4	Theoretical investigation of graphitic BeO. Physical Review B, 1990, 41, 3540-3544.	1.1	35
5	Magneto-optical properties of (Ga,Mn)As: An <i>ab initio</i> determination. Physical Review B, 2008, 77, .	1.1	24
6	Electronic and magnetic properties of the spinel semiconductor CdCr_2Se_4 . Physical Review B, 1994, 49, 2503-2508.	1.1	18
7	Optical and magneto-optical properties of ferromagnetic full-Heusler films: Experiments and first-principles calculations. Physical Review B, 2007, 76, .	1.1	18
8	Electronic and volumetric effects in ternary compounds of ytterbium. Physical Review B, 1996, 54, 13558-13565.	1.1	17
9	Hydrostatic pressure on the structural and magnetic properties of BaFe_2As_2 . Physical Review B, 2008, 77, .	1.1	16
10	Volume effects on the magnetic properties of cubic isostructural intermetallics of Ce. Physical Review B, 1992, 46, 6217-6224.	1.1	14
11	Magnetic instabilities in Ce compounds: Effect of pressure and chemical substitutions. Physical Review B, 1993, 47, 14622-14625.	1.1	9
12	Magnetization density in URu_2Si_2 and URh_2Si_2 . Journal of Applied Physics, 1994, 75, 7027-7029.	1.1	6
13	Magnetic properties of URu_2Si_2 . Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1401-1402.	1.0	5
14	First-principles modeling of the magneto-optical response in inhomogeneous systems. Physical Review B, 2008, 78, .	1.1	5
15	Transition metal doping in Ge. Journal of Magnetism and Magnetic Materials, 2007, 310, 2147-2149.	1.0	4
16	Structural, electronic and magnetic properties of chalcopyrite magnetic semiconductors: A first-principles study. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2002, 20, 2023.	0.9	3
17	MOKE experiments and theory of uniform and nonuniform distribution of magnetic nanocrystals: Mn_5Ge_3 in Ge. Physical Review B, 2011, 83, .	1.1	3
18	Mn doping in model amorphous Si and Ge: A theoretical investigation. Journal of Physics: Conference Series, 2010, 200, 032014.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Chemical doping in pnictides superconductors: The case of $\text{Ca}(\text{Fe}_{1-x}\text{X})_2\text{As}_2$, $\text{X} = \text{Co, Ni, Pt}$. Journal of Magnetism and Magnetic Materials, 2018, 452, 179-183.	1.0	2
20	Direct evaluation of the isotope effect within the framework of density functional theory for superconductors. Journal of Physics Condensed Matter, 2019, 31, 334001.	0.7	2
21	Obituary for Professor Sandro Massidda. Journal of Physics Condensed Matter, 2019, 31, 270202.	0.7	1
22	Disorder-induced localisation and suppression of superconductivity in $\text{YSr}_2\text{Cu}_3\text{O}_{6+x}$. Journal of Physics Condensed Matter, 2019, 31, 284001.	0.7	1
23	A Theoretical and Experimental Study of the Chemical Bonding in AgGaS_2 . Materials Research Society Symposia Proceedings, 1996, 453, 215.	0.1	0
24	Fermi Surface Study of CeRu_2Si_2 above the Kondo Temperature. Materials Science Forum, 2001, 363-365, 555-557.	0.3	0
25	Magnetic properties of Fe-pnictides superconductors as a function of pressure and doping. Materials Research Society Symposia Proceedings, 2012, 1434, 1.	0.1	0