

# Alessandra Continenza

## List of Publications by Citations

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24  
papers

346  
citations

10  
h-index

18  
g-index

25  
ext. papers

363  
ext. citations

2.7  
avg, IF

2.61  
L-index

#	Paper	IF	Citations
24	Computational band-structure engineering of III $\bar{V}$ semiconductor alloys. <i>Applied Physics Letters</i> , <b>2001</b> , 79, 368-370	3.4	91
23	Structural and magnetic properties of CaFe <sub>2</sub> As <sub>2</sub> and BaFe <sub>2</sub> As <sub>2</sub> from first-principles density functional theory. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	43
22	Light harvesting with multiwall carbon nanotube/silicon heterojunctions. <i>Nanotechnology</i> , <b>2011</b> , 22, 115701	3.1	43
21	Theoretical investigation of graphitic BeO. <i>Physical Review B</i> , <b>1990</b> , 41, 3540-3544	3.3	30
20	Magneto-optical properties of (Ga,Mn)As: An ab initio determination. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	22
19	Electronic and magnetic properties of the spinel semiconductor CdCr <sub>2</sub> Se <sub>4</sub> . <i>Physical Review B</i> , <b>1994</b> , 49, 2503-2508	3.3	18
18	Effects of nonhydrostatic pressure on the structural and magnetic properties of BaFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	16
17	Optical and magneto-optical properties of ferromagnetic full-Heusler films: Experiments and first-principles calculations. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	15
16	Electronic and volumetric effects in ternary compounds of ytterbium. <i>Physical Review B</i> , <b>1996</b> , 54, 13558-13565	3.3	15
15	Volume effects on the magnetic properties of cubic isostructural intermetallics of Ce. <i>Physical Review B</i> , <b>1992</b> , 46, 6217-6224	3.3	12
14	Magnetic instabilities in Ce compounds: Effect of pressure and chemical substitutions. <i>Physical Review B</i> , <b>1993</b> , 47, 14622-14625	3.3	9
13	Magnetization density in URu <sub>2</sub> Si <sub>2</sub> and URh <sub>2</sub> Si <sub>2</sub> . <i>Journal of Applied Physics</i> , <b>1994</b> , 75, 7027-7029	2.5	6
12	Magnetic properties of URu <sub>2</sub> Si <sub>2</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1995</b> , 140-144, 1401-1402	2.8	5
11	First-principles modeling of the magneto-optical response in inhomogeneous systems. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	4
10	Transition metal doping in Ge. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, 2147-2149	2.8	4
9	MOKE experiments and theory of uniform and nonuniform distribution of magnetic nanocrystals: Mn <sub>5</sub> Ge <sub>3</sub> in Ge. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	3
8	Structural, electronic and magnetic properties of chalcopyrite magnetic semiconductors: A first-principles study. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>2002</b> , 20, 2023	2.9	3

7	Chemical doping in pnictides superconductors: The case of $\text{Ca}(\text{Fe}_{1-x}\text{X}_x)_2\text{As}_2$ , $X = \text{Co, Ni, Pt}$ . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 452, 179-183	2.8	2
6	Mn doping in model amorphous Si and Ge: A theoretical investigation. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 200, 032014	0.3	2
5	Direct evaluation of the isotope effect within the framework of density functional theory for superconductors. <i>Journal of Physics Condensed Matter</i> , <b>2019</b> , 31, 334001	1.8	1
4	Disorder-induced localisation and suppression of superconductivity in $\text{YSrCuO}$ . <i>Journal of Physics Condensed Matter</i> , <b>2019</b> , 31, 284001	1.8	1
3	Magnetic properties of Fe-pnictides superconductors as a function of pressure and doping. <i>Materials Research Society Symposia Proceedings</i> , <b>2012</b> , 1434, 1		
2	Fermi Surface Study of $\text{CeRu}_2\text{Si}_2$ above the Kondo Temperature. <i>Materials Science Forum</i> , <b>2001</b> , 363-365, 555-557	0.4	
1	A Theoretical and Experimental Study of the Chemical Bonding in $\text{AgGaS}_2$ . <i>Materials Research Society Symposia Proceedings</i> , <b>1996</b> , 453, 215		