

# Alessandra Continenza

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
23	Disorder-induced localisation and suppression of superconductivity in YSrCuO. <i>Journal of Physics Condensed Matter</i> , <b>2019</b> , 31, 284001	1.8	1
22	Chemical doping in pnictides superconductors: The case of $\text{Ca}(\text{Fe}_{1-x}\text{X}_x)_2\text{As}_2$ , X = Co, Ni, Pt. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 452, 179-183	2.8	2
21	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		
20	Structural and magnetic properties of $\text{CaFe}_2\text{As}_2$ and $\text{BaFe}_2\text{As}_2$ from first-principles density functional theory. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	43
19	Light harvesting with multiwall carbon nanotube/silicon heterojunctions. <i>Nanotechnology</i> , <b>2011</b> , 22, 115701	3.4	43
18	Effects of nonhydrostatic pressure on the structural and magnetic properties of $\text{BaFe}_2\text{As}_2$ . <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	16
17	MOKE experiments and theory of uniform and nonuniform distribution of magnetic nanocrystals: $\text{Mn}_5\text{Ge}_3$ in Ge. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	3
16	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
15	Magneto-optical properties of (Ga,Mn)As: An ab initio determination. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	22
14	First-principles modeling of the magneto-optical response in inhomogeneous systems. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	4
13	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
12	Transition metal doping in Ge. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, 2147-2149	2.8	4
11	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
10	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	
9	Computational band-structure engineering of III-V semiconductor alloys. <i>Applied Physics Letters</i> , <b>2001</b> , 79, 368-370	3.4	91
8	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		

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|---|--|-----|----|
| 7 | Electronic and volumetric effects in ternary compounds of ytterbium. <i>Physical Review B</i> , <b>1996</b> , 54, 13558-13565                                    | 3.3 | 15 |
| 6 | 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  |
| 5 | 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 |
| 4 | 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  |
| 3 | 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  |
| 2 | 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 |
| 1 | Theoretical investigation of graphitic BeO. <i>Physical Review B</i> , <b>1990</b> , 41, 3540-3544   | 3.3 | 30 |