

Mirco Cantoro

List of Publications by Citations

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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.

12 papers	1,651 citations	9 h-index	12 g-index
12 ext. papers	1,742 ext. citations	5.2 avg, IF	3.28 L-index

#	Paper	IF	Citations
12	In situ observations of catalyst dynamics during surface-bound carbon nanotube nucleation. <i>Nano Letters</i> , 2007 , 7, 602-8	11.5	605
11	Catalytic chemical vapor deposition of single-wall carbon nanotubes at low temperatures. <i>Nano Letters</i> , 2006 , 6, 1107-12	11.5	267
10	Bandgap opening in oxygen plasma-treated graphene. <i>Nanotechnology</i> , 2010 , 21, 435203	3.4	253
9	In-situ X-ray Photoelectron Spectroscopy Study of CatalystSupport Interactions and Growth of Carbon Nanotube Forests. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 12207-12213	3.8	224
8	State of Transition Metal Catalysts During Carbon Nanotube Growth. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 1648-1656	3.8	155
7	Single Layer vs Bilayer Graphene: A Comparative Study of the Effects of Oxygen Plasma Treatment on Their Electronic and Optical Properties. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 16619-16624	3.8	56
6	Toward tunable doping in graphene FETs by molecular self-assembled monolayers. <i>Nanoscale</i> , 2013 , 5, 9640-4	7.7	48
5	Modified, semiconducting graphene in contact with a metal: Characterization of the Schottky diode. <i>Applied Physics Letters</i> , 2010 , 97, 163101	3.4	25
4	Graphene as anode electrode for colloidal quantum dots based light emitting diodes. <i>Applied Physics Letters</i> , 2013 , 103, 043124	3.4	10
3	Tunable n- and p-type doping of single-layer graphene by engineering its interaction with the SiO ₂ support. <i>Physica Status Solidi - Rapid Research Letters</i> , 2012 , 6, 53-55	2.5	7
2	Chemically enhanced double-gate bilayer graphene field-effect transistor with neutral channel for logic applications. <i>Nanotechnology</i> , 2014 , 25, 345203	3.4	1
1	Transition from Metallic to Semiconducting Behavior in Oxygen Plasma-treated Single-layer Graphene. <i>Materials Research Society Symposia Proceedings</i> , 2011 , 1336, 20701		