

# Mirco Cantoro

## 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.

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