

Mirco Cantoro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10554154/publications.pdf>

Version: 2024-02-01

12
papers

1,814
citations

1039880

9
h-index

1281743

11
g-index

12
all docs

12
docs citations

12
times ranked

2991
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ Observations of Catalyst Dynamics during Surface-Bound Carbon Nanotube Nucleation. Nano Letters, 2007, 7, 602-608.	4.5	662
2	Catalytic Chemical Vapor Deposition of Single-Wall Carbon Nanotubes at Low Temperatures. Nano Letters, 2006, 6, 1107-1112.	4.5	297
3	Bandgap opening in oxygen plasma-treated graphene. Nanotechnology, 2010, 21, 435203.	1.3	289
4	In-situ X-ray Photoelectron Spectroscopy Study of Catalystâ€™Support Interactions and Growth of Carbon Nanotube Forests. Journal of Physical Chemistry C, 2008, 112, 12207-12213.	1.5	240
5	State of Transition Metal Catalysts During Carbon Nanotube Growth. Journal of Physical Chemistry C, 2009, 113, 1648-1656.	1.5	166
6	Single Layer vs Bilayer Graphene: A Comparative Study of the Effects of Oxygen Plasma Treatment on Their Electronic and Optical Properties. Journal of Physical Chemistry C, 2011, 115, 16619-16624.	1.5	60
7	Toward tunable doping in graphene FETs by molecular self-assembled monolayers. Nanoscale, 2013, 5, 9640.	2.8	52
8	Modified, semiconducting graphene in contact with a metal: Characterization of the Schottky diode. Applied Physics Letters, 2010, 97, .	1.5	25
9	Graphene as anode electrode for colloidal quantum dots based light emitting diodes. Applied Physics Letters, 2013, 103, 043124.	1.5	11
10	Tunable nâ€-and pâ€-type doping of singleâ€-layer graphene by engineering its interaction with the SiO ₂ support. Physica Status Solidi - Rapid Research Letters, 2012, 6, 53-55.	1.2	8
11	Chemically enhanced double-gate bilayer graphene field-effect transistor with neutral channel for logic applications. Nanotechnology, 2014, 25, 345203.	1.3	4
12	Transition from Metallic to Semiconducting Behavior in Oxygen Plasma-treated Single-layer Graphene. Materials Research Society Symposia Proceedings, 2011, 1336, 20701.	0.1	0