

Fabrice Valsaque

List of Publications by Year in descending order

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15
papers

231
citations

1163117

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h-index

1058476

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all docs

15
docs citations

15
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of sidewall covalent functionalization of single-walled carbon nanotubes and its advantages for composite processing. Carbon, 2009, 47, 411-419.	10.3	59
2	Kinetic simulations of ion temperature measurements from retarding field analyzers. Physics of Plasmas, 2002, 9, 1806-1814.	1.9	39
3	Non-covalent and covalent immobilization of Candida antarctica lipase B on chemically modified multiwalled carbon nanotubes for a green acylation process in supercritical CO ₂ . Catalysis Today, 2020, 348, 26-36.	4.4	37
4	Numerical study of plasma-wall transition in an oblique magnetic field. Journal of Nuclear Materials, 2001, 290-293, 763-767.	2.7	26
5	Characterization of single wall carbon nanotubes by means of rare gas adsorption. Journal of Chemical Physics, 2007, 126, 054709.	3.0	13
6	Low degree of functionalization of Single-Walled Carbon Nanotubes probed by highly sensitive characterization techniques. Carbon, 2011, 49, 3010-3018.	10.3	13
7	Vlasov simulations of plasma-wall interactions in a weakly collisional plasma. Computer Physics Communications, 2004, 164, 262-268.	7.5	12
8	Determination of the single wall carbon nanotube opening ratio by means of rare gas adsorption. Chemical Physics Letters, 2006, 423, 183-186.	2.6	8
9	Surface characterisation of template-synthesised multi-walled carbon nanotubes. Chemical Physics Letters, 2004, 396, 49-53.	2.6	6
10	Covalent Functionalization of HiPco Single-Walled Carbon Nanotubes: Differences in the Oxidizing Action of H ₂ SO ₄ and HNO ₃ during a Soft Oxidation Process. ChemPhysChem, 2015, 16, 2692-2701.	2.1	5
11	A non-damaging purification method: decoupling the toxicity of multi-walled carbon nanotubes and their associated metal impurities. Environmental Science: Nano, 2019, 6, 1852-1865.	4.3	5
12	Dose-dependent isotherm of Kr adsorption on heterogeneous bundles of closed single-walled carbon nanotubes. Adsorption, 2015, 21, 217-227.	3.0	4
13	Additive-Free Assemblies of Ramified Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2013, 117, 19245-19252.	3.1	3
14	Gas Adsorption Evidence of Single-Wall and Multi-Wall Carbon Nanotube Opening. Materials Research Society Symposia Proceedings, 2003, 782, 1.	0.1	1
15	Accessibility of Nanotube Inner Channels Investigated by Krypton Adsorption. , 2007, , .		0