

# Fabrice Valsaque

## List of Publications by Year in descending order

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15  
papers

231  
citations

1163117

8  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

361  
citing authors

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