

Frank C Dillon

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Janus Structured Multiwalled Carbon Nanotube Forests for Simple Asymmetric Surface Functionalization and Patterning at the Nanoscale. <i>ACS Applied Nano Materials</i> , 2020, 3, 7554-7562.	2.4	2
2	Carbon nanotube columns for flow systems: influence of synthesis parameters. <i>Nanoscale Advances</i> , 2020, 2, 5874-5882.	2.2	2
3	Direct visualization of electrical transport-induced alloy formation and composition changes in filled multi-wall carbon nanotubes by in situ scanning transmission electron microscopy. <i>Journal of Alloys and Compounds</i> , 2017, 721, 501-505.	2.8	2
4	Metal-free chemical vapor deposition growth of graphitic tubular structures on engineered perovskite oxide substrates. <i>Carbon</i> , 2016, 99, 591-598.	5.4	4
5	Morphology & composition correlations in carbon nanotubes synthesised with nitrogen and phosphorus containing precursors. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2137-2142.	1.3	6
6	Aerosol-assisted chemical vapour deposition synthesis of multi-wall carbon nanotubes: III. Towards upscaling. <i>Carbon</i> , 2015, 88, 148-156.	5.4	33
7	Stiffness, strength and interwall sliding in aligned and continuous multi-walled carbon nanotube/glass composite microcantilevers. <i>Acta Materialia</i> , 2015, 100, 118-125.	3.8	9
8	WS ₂ 2D nanosheets in 3D nanoflowers. <i>Chemical Communications</i> , 2014, 50, 12360-12362.	2.2	26
9	Comparison of carbon materials as electrodes for enzyme electrocatalysis: hydrogenase as a case study. <i>Faraday Discussions</i> , 2014, 172, 473-496.	1.6	28
10	Controlled growth of Ni nanocrystals on SrTiO ₃ and their application in the catalytic synthesis of carbon nanotubes. <i>Chemical Communications</i> , 2013, 49, 3748.	2.2	18
11	Flame spray pyrolysis generated transition metal oxide nanoparticles as catalysts for the growth of carbon nanotubes. <i>RSC Advances</i> , 2013, 3, 20040.	1.7	6
12	Aerosol-assisted chemical vapour deposition synthesis of multi-wall carbon nanotubes: II. An analytical study. <i>Carbon</i> , 2013, 58, 159-169.	5.4	37
13	Aerosol-assisted chemical vapour deposition synthesis of multi-wall carbon nanotubes: I. Mapping the reactor. <i>Carbon</i> , 2013, 58, 151-158.	5.4	36
14	Synthesis of carbon nanocoil forests on BaSrTiO ₃ substrates with the aid of a Sn catalyst. <i>Carbon</i> , 2013, 60, 5-15.	5.4	12
15	Customised transition metal oxide nanoparticles for the controlled production of carbon nanostructures. <i>RSC Advances</i> , 2012, 2, 3748.	1.7	7
16	Tailoring gas sensing properties of multi-walled carbon nanotubes by in situ modification with Si, P, and N. <i>Carbon</i> , 2012, 50, 2816-2823.	5.4	39
17	N-SWCNTs production by aerosol-assisted CVD method. <i>Chemical Physics Letters</i> , 2012, 538, 108-111.	1.2	16
18	Facile, fast, and inexpensive synthesis of monodisperse amorphous Nickel-Phosphide nanoparticles of predefined size. <i>Chemical Communications</i> , 2011, 47, 4108.	2.2	31

#	ARTICLE	IF	CITATIONS
19	Processing and properties of aligned multi-walled carbon nanotube/aluminoborosilicate glass composites made by sol-gel processing. Carbon, 2010, 48, 2212-2217.	5.4	36
20	Comparison of structural changes in nitrogen and boron-doped multi-walled carbon nanotubes. Carbon, 2010, 48, 3033-3041.	5.4	111