

Jessica Campos-Delgado

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.

27
papers

3,625
citations

19
h-index

28
g-index

28
ext. papers

3,901
ext. citations

8.1
avg, IF

4.42
L-index

#	Paper	IF	Citations
27	Simple in situ functionalization of carbon nanospheres. <i>Nanotechnology</i> , 2021 , 32, 085602	3.4	0
26	Key parameters to enhance the antibacterial effect of graphene oxide in solution.. <i>RSC Advances</i> , 2021 , 11, 6509-6516	3.7	3
25	Carbon nanotubes and carbon fibers in a flash: an easy and convenient preparation of carbon nanostructures using a conventional microwave. <i>Canadian Journal of Chemistry</i> , 2020 , 98, 49-55	0.9	3
24	Effect of graphene oxide on bacteria and peripheral blood mononuclear cells. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2016 , 14, e423-e430	1.8	3
23	Terahertz and mid-infrared reflectance of epitaxial graphene. <i>Scientific Reports</i> , 2016 , 6, 24301	4.9	19
22	Direct growth of graphene on Si(111). <i>Journal of Applied Physics</i> , 2014 , 115, 223704	2.5	19
21	Direct growth of graphitic carbon on Si(111). <i>Applied Physics Letters</i> , 2013 , 102, 013118	3.4	24
20	Iron Particle Nanodrilling of Few Layer Graphene at Low Electron Beam Accelerating Voltages. <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 76-82	3.1	8
19	CVD synthesis of mono- and few-layer graphene using alcohols at low hydrogen concentration and atmospheric pressure. <i>Chemical Physics Letters</i> , 2013 , 584, 142-146	2.5	36
18	Raman scattering study of the phonon dispersion in twisted bilayer graphene. <i>Nano Research</i> , 2013 , 6, 269-274	10	70
17	Geometric and Electronic Structure of Closed Graphene Edges. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 2097-2102	6.4	16
16	Marked adsorption irreversibility of graphitic nanoribbons for CO ₂ and H ₂ O. <i>Journal of the American Chemical Society</i> , 2011 , 133, 14880-3	16.4	55
15	Graphene edges: a review of their fabrication and characterization. <i>Nanoscale</i> , 2011 , 3, 86-95	7.7	353
14	Chemical vapor deposition synthesis of N-, P-, and Si-doped single-walled carbon nanotubes. <i>ACS Nano</i> , 2010 , 4, 1696-702	16.7	101
13	Observation of magnetic edge state in graphene nanoribbons. <i>Physical Review B</i> , 2010 , 81,	3.3	120
12	Spectroscopic characterization of N-doped single-walled carbon nanotube strands: an X-ray photoelectron spectroscopy and Raman study. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 3959-64	1.3	30
11	Graphene and graphite nanoribbons: Morphology, properties, synthesis, defects and applications. <i>Nano Today</i> , 2010 , 5, 351-372	17.9	695

10	Loop formation in graphitic nanoribbon edges using furnace heating or Joule heating. <i>Journal of Vacuum Science & Technology B</i> , 2009 , 27, 1996		24
9	Resonant Raman study on bulk and isolated graphitic nanoribbons. <i>Small</i> , 2009 , 5, 2698-702	11	13
8	Thermal stability studies of CVD-grown graphene nanoribbons: Defect annealing and loop formation. <i>Chemical Physics Letters</i> , 2009 , 469, 177-182	2.5	147
7	Controlled formation of sharp zigzag and armchair edges in graphitic nanoribbons. <i>Science</i> , 2009 , 323, 1701-5	33.3	592
6	Ex-MWNTs: graphene sheets and ribbons produced by lithium intercalation and exfoliation of carbon nanotubes. <i>Nano Letters</i> , 2009 , 9, 1527-33	11.5	326
5	Synthesis, electronic structure, and Raman scattering of phosphorus-doped single-wall carbon nanotubes. <i>Nano Letters</i> , 2009 , 9, 2267-72	11.5	121
4	Electron and phonon renormalization near charged defects in carbon nanotubes. <i>Nature Materials</i> , 2008 , 7, 878-83	27	236
3	Bulk production of a new form of sp(2) carbon: crystalline graphene nanoribbons. <i>Nano Letters</i> , 2008 , 8, 2773-8	11.5	524
2	The two peaks G? band in carbon nanotubes. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 2197-2200		23
1	Controlling the dimensions, reactivity and crystallinity of multiwalled carbon nanotubes using low ethanol concentrations. <i>Chemical Physics Letters</i> , 2008 , 453, 55-61	2.5	64