Jessica Campos-Delgado

List of Publications by Year
in descending order

28 papers	4,126 citations	361045 20 h-index	500791 28 g-index
28 all docs	28 docs citations	28 times ranked	6223 citing authors

#	Article	IF	Citations
1	Graphene and graphite nanoribbons: Morphology, properties, synthesis, defects and applications. Nano Today, 2010, 5, 351-372.	6.2	817
2	Controlled Formation of Sharp Zigzag and Armchair Edges in Graphitic Nanoribbons. Science, 2009, 323, 1701-1705.	6.0	655
3	Bulk Production of a New Form of sp² Carbon: Crystalline Graphene Nanoribbons. Nano Letters, 2008, 8, 2773-2778.	4.5	588
4	Graphene edges: a review of their fabrication and characterization. Nanoscale, 2011, 3, 86-95.	2.8	410
5	Ex-MWNTs: Graphene Sheets and Ribbons Produced by Lithium Intercalation and Exfoliation of Carbon Nanotubes. Nano Letters, 2009, 9, 1527-1533.	4.5	369
6	Electron and phonon renormalization near charged defects in carbon nanotubes. Nature Materials, 2008, 7, 878-883.	13.3	263
7	Thermal stability studies of CVD-grown graphene nanoribbons: Defect annealing and loop formation. Chemical Physics Letters, 2009, 469, 177-182.	1.2	170
8	Synthesis, Electronic Structure, and Raman Scattering of Phosphorus-Doped Single-Wall Carbon Nanotubes. Nano Letters, 2009, 9, 2267-2272.	4.5	134
9	Observation of magnetic edge state in graphene nanoribbons. Physical Review B, 2010, 81, .	1.1	132
10	Chemical Vapor Deposition Synthesis of N-, P-, and Si-Doped Single-Walled Carbon Nanotubes. ACS Nano, 2010, 4, 1696-1702.	7.3	113
11	Raman scattering study of the phonon dispersion in twisted bilayer graphene. Nano Research, 2013, 6, 269-274.	5.8	85
12	Controlling the dimensions, reactivity and crystallinity of multiwalled carbon nanotubes using low ethanol concentrations. Chemical Physics Letters, 2008, 453, 55-61.	1.2	66
13	Marked Adsorption Irreversibility of Graphitic Nanoribbons for CO₂ and H₂O. Journal of the American Chemical Society, 2011, 133, 14880-14883.	6.6	62
14	CVD synthesis of mono- and few-layer graphene using alcohols at low hydrogen concentration and atmospheric pressure. Chemical Physics Letters, 2013, 584, 142-146.	1.2	43
15	Spectroscopic Characterization of N-Doped Single-Walled Carbon Nanotube Strands: An X-ray Photoelectron Spectroscopy and Raman Study. Journal of Nanoscience and Nanotechnology, 2010, 10, 3959-3964.	0.9	34
16	Loop formation in graphitic nanoribbon edges using furnace heating or Joule heating. Journal of Vacuum Science & Technology B, 2009, 27, 1996.	1.3	26
17	The two peaks Gâ€² band in carbon nanotubes. Physica Status Solidi (B): Basic Research, 2008, 245, 2197-2200.	0.7	25
18	Direct growth of graphitic carbon on Si(111). Applied Physics Letters, 2013, 102, .	1.5	24

#	Article	IF	Citations
19	Terahertz and mid-infrared reflectance of epitaxial graphene. Scientific Reports, 2016, 6, 24301.	1.6	23
20	Direct growth of graphene on Si(111). Journal of Applied Physics, 2014, 115, 223704.	1.1	21
21	Geometric and Electronic Structure of Closed Graphene Edges. Journal of Physical Chemistry Letters, 2012, 3, 2097-2102.	2.1	19
22	Resonant Raman Study on Bulk and Isolated Graphitic Nanoribbons. Small, 2009, 5, 2698-2702.	5.2	14
23	Iron Particle Nanodrilling of Few Layer Graphene at Low Electron Beam Accelerating Voltages. Particle and Particle Systems Characterization, 2013, 30, 76-82.	1.2	9
24	Key parameters to enhance the antibacterial effect of graphene oxide in solution. RSC Advances, 2021, 11, 6509-6516.	1.7	8
25	Plasmonic Spherical Nanoparticles Coupled with Titania Nanotube Arrays Prepared by Anodization as Substrates for Surface-Enhanced Raman Spectroscopy Applications: A Review. Molecules, 2021, 26, 7443.	1.7	7
26	Carbon nanotubes and carbon fibers in a flash: an easy and convenient preparation of carbon nanostructures using a conventional microwave. Canadian Journal of Chemistry, 2020, 98, 49-55.	0.6	4
27	Effect of Graphene Oxide on Bacteria and Peripheral Blood Mononuclear Cells. Journal of Applied Biomaterials and Functional Materials, 2016, 14, 423-430.	0.7	3
28	Simple in situ functionalization of carbon nanospheres. Nanotechnology, 2021, 32, 085602.	1.3	2