

Daniel C Elias

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.

19 papers	9,936 citations	17 h-index	20 g-index
20 ext. papers	10,820 ext. citations	12.6 avg, IF	5.42 L-index

#	Paper	IF	Citations
19	Hierarchy of Hofstadter states and replica quantum Hall ferromagnetism in graphene superlattices. <i>Nature Physics</i> , 2014 , 10, 525-529	16.2	137
18	Raman fingerprint of aligned graphene/h-BN superlattices. <i>Nano Letters</i> , 2013 , 13, 5242-6	11.5	83
17	Interaction phenomena in graphene seen through quantum capacitance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 3282-6	11.5	197
16	Cloning of Dirac fermions in graphene superlattices. <i>Nature</i> , 2013 , 497, 594-7	50.4	884
15	Cross-sectional imaging of individual layers and buried interfaces of graphene-based heterostructures and superlattices. <i>Nature Materials</i> , 2012 , 11, 764-7	27	664
14	How close can one approach the Dirac point in graphene experimentally?. <i>Nano Letters</i> , 2012 , 12, 4629-34	11.5	136
13	Dirac cones reshaped by interaction effects in suspended graphene. <i>Nature Physics</i> , 2011 , 7, 701-704	16.2	577
12	Rapid fabrication of bilayer graphene devices using direct laser writing photolithography. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2011 , 29, 021204	1.3	10
11	Interaction-driven spectrum reconstruction in bilayer graphene. <i>Science</i> , 2011 , 333, 860-3	33.3	226
10	Limits on charge carrier mobility in suspended graphene due to flexural phonons. <i>Physical Review Letters</i> , 2010 , 105, 266601	7.4	297
9	Thermal enhancement of chemical doping in graphene: a Raman spectroscopy study. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 334202	1.8	32
8	Control of graphene's properties by reversible hydrogenation: evidence for graphane. <i>Science</i> , 2009 , 323, 610-3	33.3	3338
7	Giant intrinsic carrier mobilities in graphene and its bilayer. <i>Physical Review Letters</i> , 2008 , 100, 016602	7.4	2509
6	Graphene in Multilayered CPP Spin Valves. <i>IEEE Transactions on Magnetism</i> , 2008 , 44, 2624-2627	2	54
5	Observation of distinct electron-phonon couplings in gated bilayer graphene. <i>Physical Review Letters</i> , 2008 , 101, 257401	7.4	114
4	Electronic properties of bilayer graphene probed by Resonance Raman Scattering. <i>Physica Status Solidi (B): Basic Research</i> , 2008 , 245, 2060-2063	1.3	16
3	Determination of LA and TO phonon dispersion relations of graphene near the Dirac point by double resonance Raman scattering. <i>Physical Review B</i> , 2007 , 76,	3.3	140

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| 2 | Electronic properties of graphene. <i>Physica Status Solidi (B): Basic Research</i> , 2007 , 244, 4106-4111 | 1.3 | 229 |
| 1 | Probing the electronic structure of bilayer graphene by Raman scattering. <i>Physical Review B</i> , 2007 , 76, | 3.3 | 277 |