

Liam Britnell

List of Publications by Citations

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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.

11
papers

6,436
citations

9
h-index

12
g-index

12
ext. papers

7,165
ext. citations

12.7
avg, IF

5
L-index

#	Paper	IF	Citations
11	Vertical field-effect transistor based on graphene-WS ₂ heterostructures for flexible and transparent electronics. <i>Nature Nanotechnology</i> , 2013 , 8, 100-3	28.7	1342
10	Probing the nature of defects in graphene by Raman spectroscopy. <i>Nano Letters</i> , 2012 , 12, 3925-30	11.5	1341
9	Micrometer-scale ballistic transport in encapsulated graphene at room temperature. <i>Nano Letters</i> , 2011 , 11, 2396-9	11.5	1203
8	Fluorographene: a two-dimensional counterpart of Teflon. <i>Small</i> , 2010 , 6, 2877-84	11	979
7	Hunting for monolayer boron nitride: optical and Raman signatures. <i>Small</i> , 2011 , 7, 465-8	11	791
6	Electron tunneling through ultrathin boron nitride crystalline barriers. <i>Nano Letters</i> , 2012 , 12, 1707-10	11.5	579
5	Deformation of wrinkled graphene. <i>ACS Nano</i> , 2015 , 9, 3917-25	16.7	120
4	Single- and double-sided chemical functionalization of bilayer graphene. <i>Small</i> , 2013 , 9, 631-9	11	47
3	Multilayer stacking and metal deposition effects on large area graphene on GaAs. <i>Carbon</i> , 2016 , 96, 83-90	10.4	8
2	The performance and durability of high-temperature proton exchange membrane fuel cells enhanced by single-layer graphene. <i>Nano Energy</i> , 2022 , 93, 106829	17.1	3
1	Predicted bandgap opening in highly-oriented wrinkles formed in chemical vapour deposition grown graphene. <i>Materials Research Express</i> , 2019 , 6, 026311	1.7	1