

# Liam Britnell

## 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.

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