

# Liam Britnell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10534533/publications.pdf>

Version: 2024-02-01

11  
papers

7,750  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

13248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the Nature of Defects in Graphene by Raman Spectroscopy. Nano Letters, 2012, 12, 3925-3930.	9.1	1,696
2	Vertical field-effect transistor based on grapheneâ€“WS <sub>2</sub> heterostructures for flexible and transparent electronics. Nature Nanotechnology, 2013, 8, 100-103.	31.5	1,543
3	Micrometer-Scale Ballistic Transport in Encapsulated Graphene at Room Temperature. Nano Letters, 2011, 11, 2396-2399.	9.1	1,440
4	Fluorographene: A Twoâ€“Dimensional Counterpart of Teflon. Small, 2010, 6, 2877-2884.	10.0	1,146
5	Hunting for Monolayer Boron Nitride: Optical and Raman Signatures. Small, 2011, 7, 465-468.	10.0	950
6	Electron Tunneling through Ultrathin Boron Nitride Crystalline Barriers. Nano Letters, 2012, 12, 1707-1710.	9.1	724
7	Deformation of Wrinkled Graphene. ACS Nano, 2015, 9, 3917-3925.	14.6	143
8	Singleâ€“and Doubleâ€“Sided Chemical Functionalization of Bilayer Graphene. Small, 2013, 9, 631-639.	10.0	49
9	The performance and durability of high-temperature proton exchange membrane fuel cells enhanced by single-layer graphene. Nano Energy, 2022, 93, 106829.	16.0	25
10	Multilayer stacking and metal deposition effects on large area graphene on GaAs. Carbon, 2016, 96, 83-90.	10.3	10
11	Predicted bandgap opening in highly-oriented wrinkles formed in chemical vapour deposition grown graphene. Materials Research Express, 2019, 6, 026311.	1.6	2