

# Bjarke JÃ,rgensen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1705718/publications.pdf>

Version: 2024-02-01

15  
papers

1,869  
citations

840776

11  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

3499  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bandgap opening in graphene induced by patterned hydrogen adsorption. <i>Nature Materials</i> , 2010, 9, 315-319.	27.5	1,344
2	Atomic Hydrogen Adsorbate Structures on Graphene. <i>Journal of the American Chemical Society</i> , 2009, 131, 8744-8745.	13.7	255
3	Controlling Hydrogenation of Graphene on Ir(111). <i>ACS Nano</i> , 2013, 7, 3823-3832.	14.6	69
4	Interaction between Coronene and Graphite from Temperature-Programmed Desorption and DFT-vdW Calculations: Importance of Entropic Effects and Insights into Graphite Interlayer Binding. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13520-13529.	3.1	45
5	High- versus Low-Quality Graphene: A Mechanistic Investigation of Electrografted Diazonium-Based Films for Growth of Polymer Brushes. <i>Small</i> , 2014, 10, 922-934.	10.0	23
6	Facile electrochemical transfer of large-area single crystal epitaxial graphene from Ir(100). <i>Journal Physics D: Applied Physics</i> , 2015, 48, 115306.	2.8	23
7	Prediction of Starch, Soluble Sugars and Amino Acids in Potatoes ( <i>Solanum tuberosum</i> L.) Using Hyperspectral Imaging, Dielectric and LF-NMR Methodologies. <i>Potato Research</i> , 2016, 59, 357-374.	2.7	22
8	Novel non-destructive quality assessment techniques of onion bulbs: a comparative study. <i>Journal of Food Science and Technology</i> , 2018, 55, 3314-3324.	2.8	22
9	Hydrogenation of PAH molecules through interaction with hydrogenated carbonaceous grains. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 3381-3387.	2.8	17
10	Noninvasive Determination of Firmness and Dry Matter Content of Stored Onion Bulbs Using Shortwave Infrared Imaging with Whole Spectra and Selected Wavelengths. <i>Applied Spectroscopy</i> , 2018, 72, 1467-1478.	2.2	14
11	The influence of coronene super-hydrogenation on the coronene-graphite interaction. <i>Journal of Chemical Physics</i> , 2016, 145, 174708.	3.0	11
12	Dielectric spectroscopy for evaluating dry matter content of potato tubers. <i>Journal of Food Engineering</i> , 2016, 189, 9-16.	5.2	10
13	Detection of Glycoalkaloids and Chlorophyll in Potatoes ( <i>Solanum tuberosum</i> L.) by Hyperspectral Imaging. <i>American Journal of Potato Research</i> , 2017, 94, 573-582.	0.9	10
14	Acquisition and Analysis of Hyperspectral Thermal Images for Sample Segregation. <i>Applied Spectroscopy</i> , 2021, 75, 317-324.	2.2	2
15	Work function difference of naphthyl end-capped oligothiophene in different crystal alignments studied by Kelvin probe force microscopy. <i>Organic Electronics</i> , 2021, 89, 106060.	2.6	2