

Ursel Bangert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10404920/publications.pdf>

Version: 2024-02-01

22
papers

3,026
citations

471509

17
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

5216
citing authors

#	ARTICLE	IF	CITATIONS
1	Macroscopic Graphene Membranes and Their Extraordinary Stiffness. Nano Letters, 2008, 8, 2442-2446.	9.1	607
2	Free-standing graphene at atomic resolution. Nature Nanotechnology, 2008, 3, 676-681.	31.5	575
3	Single Atoms of Pt-Group Metals Stabilized by N-Doped Carbon Nanofibers for Efficient Hydrogen Production from Formic Acid. ACS Catalysis, 2016, 6, 3442-3451.	11.2	270
4	Control of Radiation Damage in MoS ₂ by Graphene Encapsulation. ACS Nano, 2013, 7, 10167-10174.	14.6	237
5	Graphene Reknits Its Holes. Nano Letters, 2012, 12, 3936-3940.	9.1	227
6	Probing the Bonding and Electronic Structure of Single Atom Dopants in Graphene with Electron Energy Loss Spectroscopy. Nano Letters, 2013, 13, 4989-4995.	9.1	187
7	Metal-Graphene Interaction Studied via Atomic Resolution Scanning Transmission Electron Microscopy. Nano Letters, 2011, 11, 1087-1092.	9.1	172
8	Direct Experimental Evidence of Metal-Mediated Etching of Suspended Graphene. ACS Nano, 2012, 6, 4063-4071.	14.6	141
9	Silicon-Carbon Bond Inversions Driven by 60-keV Electrons in Graphene. Physical Review Letters, 2014, 113, 115501.	7.8	123
10	Interaction of Metals with Suspended Graphene Observed by Transmission Electron Microscopy. Journal of Physical Chemistry Letters, 2012, 3, 953-958.	4.6	85
11	Electronic Structure Modification of Ion Implanted Graphene: The Spectroscopic Signatures of p- and n-Type Doping. ACS Nano, 2015, 9, 11398-11407.	14.6	75
12	Evaporation and deposition of alkyl-capped silicon nanocrystals in ultrahigh vacuum. Nature Nanotechnology, 2007, 2, 486-489.	31.5	74
13	Scanning tunnelling microscopy of suspended graphene. Nanoscale, 2012, 4, 3065.	5.6	74
14	Evolution of Gold Nanostructures on Graphene. Small, 2011, 7, 2868-2872.	10.0	56
15	Atomically resolved imaging of highly ordered alternating fluorinated graphene. Nature Communications, 2014, 5, 4902.	12.8	42
16	Local Plasmon Engineering in Doped Graphene. ACS Nano, 2018, 12, 1837-1848.	14.6	25
17	Plasmons in MoS ₂ studied via experimental and theoretical correlation of energy loss spectra. Journal of Microscopy, 2020, 279, 256-264.	1.8	22
18	Atomic Structure of Graphene and h-BN Layers and Their Interactions with Metals. , 0, , .		10

#	ARTICLE	IF	CITATIONS
19	Electronic functionalisation of graphene via external doping and dosing. International Materials Reviews, 2015, 60, 133-149.	19.3	9
20	Structure and Composition of Nanoscopic Domains in Functional Perovskite-Type Materials. Chimia, 2006, 60, 742-748.	0.6	7
21	Electron energy loss spectroscopy on alkylated silicon nanocrystals. Journal of Applied Physics, 2008, 104, 084318.	2.5	6
22	Scanning Transmission Electron Microscopy and Spectroscopy of Suspended Graphene. , 0, , .		2