

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	Plasmons in MoS ₂ studied via experimental and theoretical correlation of energy loss spectra. <i>Journal of Microscopy</i> , 2020, 279, 256-264.	1.8	22
2	Local Plasmon Engineering in Doped Graphene. <i>ACS Nano</i> , 2018, 12, 1837-1848.	14.6	25
3	Single Atoms of Pt-Group Metals Stabilized by N-Doped Carbon Nanofibers for Efficient Hydrogen Production from Formic Acid. <i>ACS Catalysis</i> , 2016, 6, 3442-3451.	11.2	270
4	Electronic functionalisation of graphene via external doping and dosing. <i>International Materials Reviews</i> , 2015, 60, 133-149.	19.3	9
5	Electronic Structure Modification of Ion Implanted Graphene: The Spectroscopic Signatures of p- and n-Type Doping. <i>ACS Nano</i> , 2015, 9, 11398-11407.	14.6	75
6	Silicon ¹³³ Carbon Bond Inversions Driven by 60-keV Electrons in Graphene. <i>Physical Review Letters</i> , 2014, 113, 115501.	7.8	123
7	Atomically resolved imaging of highly ordered alternating fluorinated graphene. <i>Nature Communications</i> , 2014, 5, 4902.	12.8	42
8	Control of Radiation Damage in MoS ₂ by Graphene Encapsulation. <i>ACS Nano</i> , 2013, 7, 10167-10174.	14.6	237
9	Probing the Bonding and Electronic Structure of Single Atom Dopants in Graphene with Electron Energy Loss Spectroscopy. <i>Nano Letters</i> , 2013, 13, 4989-4995.	9.1	187
10	Direct Experimental Evidence of Metal-Mediated Etching of Suspended Graphene. <i>ACS Nano</i> , 2012, 6, 4063-4071.	14.6	141
11	Interaction of Metals with Suspended Graphene Observed by Transmission Electron Microscopy. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 953-958.	4.6	85
12	Scanning tunnelling microscopy of suspended graphene. <i>Nanoscale</i> , 2012, 4, 3065.	5.6	74
13	Graphene Reknits Its Holes. <i>Nano Letters</i> , 2012, 12, 3936-3940.	9.1	227
14	Metal ¹³³ Graphene Interaction Studied via Atomic Resolution Scanning Transmission Electron Microscopy. <i>Nano Letters</i> , 2011, 11, 1087-1092.	9.1	172
15	Evolution of Gold Nanostructures on Graphene. <i>Small</i> , 2011, 7, 2868-2872.	10.0	56
16	Free-standing graphene at atomic resolution. <i>Nature Nanotechnology</i> , 2008, 3, 676-681.	31.5	575
17	Macroscopic Graphene Membranes and Their Extraordinary Stiffness. <i>Nano Letters</i> , 2008, 8, 2442-2446.	9.1	607
18	Electron energy loss spectroscopy on alkylated silicon nanocrystals. <i>Journal of Applied Physics</i> , 2008, 104, 084318.	2.5	6

#	ARTICLE	IF	CITATIONS
19	Evaporation and deposition of alkyl-capped silicon nanocrystals in ultrahigh vacuum. Nature Nanotechnology, 2007, 2, 486-489.	31.5	74
20	Structure and Composition of Nanoscopic Domains in Functional Perovskite-Type Materials. Chimia, 2006, 60, 742-748.	0.6	7
21	Scanning Transmission Electron Microscopy and Spectroscopy of Suspended Graphene. , 0, , .		2
22	Atomic Structure of Graphene and h-BN Layers and Their Interactions with Metals. , 0, , .		10