

Lola Brown

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11968802/publications.pdf>

Version: 2024-02-01

17
papers

4,272
citations

586496

16
h-index

1051228

16
g-index

17
all docs

17
docs citations

17
times ranked

9159
citing authors

#	ARTICLE	IF	CITATIONS
1	Stacking, strain, and twist in 2D materials quantified by 3D electron diffraction. <i>Physical Review Materials</i> , 2019, 3, .	0.9	30
2	Imaging chiral symmetry breaking from Kekulé bond order in graphene. <i>Nature Physics</i> , 2016, 12, 950-958.	6.5	111
3	Klein tunnelling and electron trapping in nanometre-scale graphene quantum dots. <i>Nature Physics</i> , 2016, 12, 1069-1075.	6.5	150
4	Tunable Optical Excitations in Twisted Bilayer Graphene Form Strongly Bound Excitons. <i>Nano Letters</i> , 2015, 15, 5932-5937.	4.5	53
5	Polycrystalline Graphene with Single Crystalline Electronic Structure. <i>Nano Letters</i> , 2014, 14, 5706-5711.	4.5	134
6	Van Hove Singularities and Excitonic Effects in the Optical Conductivity of Twisted Bilayer Graphene. <i>Nano Letters</i> , 2014, 14, 3353-3357.	4.5	132
7	Atomic Imaging Across Strain Boundaries in Bilayer Graphene with ADF-STEM and DF-TEM. <i>Microscopy and Microanalysis</i> , 2014, 20, 1058-1059.	0.2	0
8	Stacking Order Dependent Second Harmonic Generation and Topological Defects in <i>h</i> -BN Bilayers. <i>Nano Letters</i> , 2013, 13, 5660-5665.	4.5	141
9	Strain solitons and topological defects in bilayer graphene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11256-11260.	3.3	407
10	Polycrystallinity and Stacking in CVD Graphene. <i>Accounts of Chemical Research</i> , 2013, 46, 2286-2296.	7.6	53
11	Hyperspectral Imaging of Structure and Composition in Atomically Thin Heterostructures. <i>Nano Letters</i> , 2013, 13, 3942-3946.	4.5	42
12	Graphene and boron nitride lateral heterostructures for atomically thin circuitry. <i>Nature</i> , 2012, 488, 627-632.	13.7	747
13	Twinning and Twisting of Tri- and Bilayer Graphene. <i>Nano Letters</i> , 2012, 12, 1609-1615.	4.5	224
14	Angle-Resolved Raman Imaging of Interlayer Rotations and Interactions in Twisted Bilayer Graphene. <i>Nano Letters</i> , 2012, 12, 3162-3167.	4.5	299
15	High-Throughput Graphene Imaging on Arbitrary Substrates with Widefield Raman Spectroscopy. <i>ACS Nano</i> , 2012, 6, 373-380.	7.3	47
16	Tailoring Electrical Transport Across Grain Boundaries in Polycrystalline Graphene. <i>Science</i> , 2012, 336, 1143-1146.	6.0	535
17	Oxidation Resistance of Graphene-Coated Cu and Cu/Ni Alloy. <i>ACS Nano</i> , 2011, 5, 1321-1327.	7.3	1,167