

Markus Ostler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12050968/publications.pdf>

Version: 2024-02-01

16
papers

1,378
citations

687363

13
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

2259
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and Intercalation of Graphene on Silicon Carbide Studied by Low-Energy Electron Microscopy. Annalen Der Physik, 2017, 529, 1700046.	2.4	17
2	Single Crystalline Metal Films as Substrates for Graphene Growth. Annalen Der Physik, 2017, 529, 1700023.	2.4	5
3	Polarization doping of graphene on silicon carbide. 2D Materials, 2014, 1, 035003.	4.4	84
4	Healing of graphene on single crystalline Ni(111) films. Applied Physics Letters, 2014, 105, 191612.	3.3	16
5	Buffer layer free graphene on SiC(0001) via interface oxidation in water vapor. Carbon, 2014, 70, 258-265.	10.3	42
6	Luminescence, Patterned Metallic Regions, and Photon-Mediated Electronic Changes in Single-Sided Fluorinated Graphene Sheets. ACS Nano, 2014, 8, 7801-7808.	14.6	28
7	Observation of 4 nm Pitch Stripe Domains Formed by Exposing Graphene to Ambient Air. ACS Nano, 2013, 7, 10032-10037.	14.6	48
8	Strong Plasmon Reflection at Nanometer-Size Gaps in Monolayer Graphene on SiC. Nano Letters, 2013, 13, 6210-6215.	9.1	121
9	Formation of high-quality quasi-free-standing bilayer graphene on SiC(0 0 0 1) by oxygen intercalation upon annealing in air. Carbon, 2013, 52, 83-89.	10.3	104
10	Effective screening and the plasmaron bands in graphene. Physical Review B, 2011, 84, .	3.2	85
11	Highly p-doped epitaxial graphene obtained by fluorine intercalation. Applied Physics Letters, 2011, 98, .	3.3	141
12	Giant Faraday rotation in single- and multilayer graphene. Nature Physics, 2011, 7, 48-51.	16.7	521
13	Automated preparation of high-quality epitaxial graphene on 6H-SiC(0001). Physica Status Solidi (B): Basic Research, 2010, 247, 2924-2926.	1.5	62
14	Atomic layer deposited aluminum oxide films on graphite and graphene studied by XPS and AFM. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 398-401.	0.8	41
15	Quasi-Freestanding Graphene on SiC(0001). Materials Science Forum, 0, 645-648, 629-632.	0.3	46
16	Decoupling the Graphene Buffer Layer from SiC(0001) via Interface Oxidation. Materials Science Forum, 0, 717-720, 649-652.	0.3	17