

Markus Ostler

List of Publications by Year in descending order

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16
papers

1,378
citations

687363

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h-index

1058476

14
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all docs

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docs citations

16
times ranked

2259
citing authors

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