

Dmitry A Olyanich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8855137/publications.pdf>

Version: 2024-02-01

24
papers

149
citations

1307594

7
h-index

1199594

12
g-index

24
all docs

24
docs citations

24
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Si(111) $\sqrt{3} \times \sqrt{3}$ R30° phase modified by In adsorption: Stabilization of a homogeneous surface by stress relief. <i>Physical Review B</i> , 2006, 73, .	3.2	44
2	The manipulation of C ₆₀ in molecular arrays with an STM tip in regimes below the decomposition threshold. <i>Nanotechnology</i> , 2013, 24, 055302.	2.6	11
3	Self-assembly of C60 fullerenes on quasi-one-dimensional Si(111) $\sqrt{3} \times \sqrt{3}$ R30°-1-In surface. <i>Surface Science</i> , 2012, 606, 1821-1824.	1.9	10
4	C60 layer growth on the Co/Si(111) $\sqrt{3} \times \sqrt{3}$ R30° surface. <i>Surface Science</i> , 2016, 636, 139-147.	6.1	10
5	C60 capping of metallic 2D TI-Au compound with preservation of its basic properties at the buried interface. <i>Applied Surface Science</i> , 2020, 501, 144253.	6.1	8
6	First-principles study of Si(111)-In reconstruction. <i>Surface Science</i> , 2012, 606, 1914-1917.	1.9	7
7	Adsorption and self-assembly of fullerenes on Si(111) $\sqrt{3} \times \sqrt{3}$ R30° surface. <i>Surface Science</i> , 2016, 636, 139-147.	1.9	7
8	C60 versus C ₇₀ on Si(111) $\sqrt{3} \times \sqrt{3}$ R30° surface. <i>Surface Science</i> , 2016, 636, 139-147.	1.9	7
9	The (2A-2) reconstructions on the surface of cobalt silicides: Atomic configuration at the annealed Co/Si(111) interface. <i>Surface Science</i> , 2017, 662, 6-11.	1.9	6
10	Growth of Au thin film on Cu-modified Si(111) surface. <i>Surface Science</i> , 2009, 603, 3400-3403.	1.9	5
11	Diffusion and clustering of adatoms on discommensurate surface template: Ge atoms on Si(111) $\sqrt{3} \times \sqrt{3}$ R30°-5Å-Cu reconstruction. <i>Surface Science</i> , 2010, 604, 666-673.	1.9	5
12	Magic C60 islands forming due to moiré interference between islands and substrate. <i>Surface Science</i> , 2015, 635, 94-98.	1.9	5
13	C60 layer growth on intact and TI-modified Si(111) $\sqrt{3} \times \sqrt{3}$ R30°-Au surfaces. <i>Applied Surface Science</i> , 2018, 456, 801-807.	6.1	5
14	Growth of In nanocrystallite arrays on the Si(100)-c(4 \times 12)-Al surface. <i>Surface Science</i> , 2006, 600, 4986-4991.	1.9	4
15	Structure of the Co/Si(111) $\sqrt{3} \times \sqrt{3}$ R30° surface. <i>Surface Science</i> , 2016, 636, 139-147.	1.9	4
16	Effect of Si(100)-c(4 \times 12)-Al and Si(111)-(5.55 \times 5.55)-Cu reconstructions on the deposition of cobalt onto silicon surface. <i>Technical Physics Letters</i> , 2010, 36, 100-103.	0.7	3
17	Growth of copper nanoislands on the Si(100)-c(4 \times 12)-Al surface studied by scanning tunneling microscopy. <i>Technical Physics Letters</i> , 2007, 33, 912-914.	0.7	2
18	Relative stabilities of adsorbed versus substitutional Al atoms in submonolayer Al on Si(111) $\sqrt{3} \times \sqrt{3}$ R30° surface. <i>Physical Review B</i> , 2008, 78, .	3.2	2

#	ARTICLE	IF	CITATIONS
19	Self-assembled C60 layers on incommensurate Cu/Si(111) pseudo-5 Å ² surface. Surface Science, 2015, 642, 6-10.	1.9	2
20	Scaling of size distributions of C 60 and C 70 fullerene surface islands. Applied Surface Science, 2017, 407, 117-120.	6.1	2
21	C 70 self-assembly on In- and Tl-adsorbed Si(111) surfaces. Surface Science, 2017, 656, 1-6.	1.9	0
22	Modification of the sample holder for a variable temperature scanning tunneling microscope (Omicron). Instruments and Experimental Techniques, 2013, 56, 745-748.	0.5	0
23	Molecular simulations of C60 self-assembly on metal-adsorbed Si(111) surfaces. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2016, 34, 051806.	1.2	0
24	Interaction of yttrium atoms with a C60 fullerite film. Surface Science, 2020, 702, 121716.	1.9	0