

# Dmitry A Olyanich

## List of Publications by Year in descending order

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24  
papers

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citations

1307594

7  
h-index

1199594

12  
g-index

24  
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24  
docs citations

24  
times ranked

192  
citing authors

#	ARTICLE	IF	CITATIONS
1	C60 capping of metallic 2D TI-Au compound with preservation of its basic properties at the buried interface. Applied Surface Science, 2020, 501, 144253.	6.1	8
2	Interaction of yttrium atoms with a C60 fullerite film. Surface Science, 2020, 702, 121716.	1.9	0
3	C60 layer growth on intact and TI-modified Si(111)5 $\times$ 5 $\times$ 2-Au surfaces. Applied Surface Science, 2018, 456, 801-807.	6.1	5
4	Scaling of size distributions of C 60 and C 70 fullerene surface islands. Applied Surface Science, 2017, 407, 117-120.	6.1	2
5	The (2 $\times$ 2) reconstructions on the surface of cobalt silicides: Atomic configuration at the annealed Co/Si(111) interface. Surface Science, 2017, 662, 6-11.	1.9	6
6	C 70 self-assembly on In- and TI-adsorbed Si(111) surfaces. Surface Science, 2017, 656, 1-6.	1.9	7
7	Adsorption and self-assembly of fullerenes on Si(111) C60 versus C70. Surface Science, 2016, 653, 138-142.	1.9	7
8	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
9	Magic C60 islands forming due to moir $\text{\AA}$ interference between islands and substrate. Surface Science, 2015, 635, 94-98.	1.9	5
10	Self-assembled C60 layers on incommensurate Cu/Si(111) $\sqrt{5}\times\sqrt{5}$ pseudo-5 $\times$ 5 $\times$ 1 surface. Surface Science, 2015, 642, 6-10.	1.9	2
11	Structure of the Co/Si(111) C60 layer growth on the Co/Si(111) surfaces. Surface Science, 2015, 642, 6-10.	1.9	4
12	C60 layer growth on the Co/Si(111) surfaces. Surface Science, 2015, 642, 6-10.	6.1	10
13	Modification of the sample holder for a variable temperature scanning tunneling microscope (Omicron). Instruments and Experimental Techniques, 2013, 56, 745-748.	0.5	0
14	The manipulation of C <sub>60</sub> in molecular arrays with an STM tip in regimes below the decomposition threshold. Nanotechnology, 2013, 24, 055302.	2.6	11
15	Self-assembly of C60 fullerenes on quasi-one-dimensional Si(111)4 $\times$ 1-In surface. Surface Science, 2012, 606, 1821-1824.	1.9	10
16	First-principles study of Si(111)-In reconstruction. Surface Science, 2012, 606, 1914-1917.	1.9	7
17	Effect of Si(100)-(4 $\times$ 12)-Al and Si(111)-(5.55 $\times$ 5.55)-Cu reconstructions on the deposition of cobalt onto silicon surface. Technical Physics Letters, 2010, 36, 100-103.	0.7	3
18	Diffusion and clustering of adatoms on discommensurate surface template: Ge atoms on Si(111) $\sqrt{5}\times\sqrt{5}$ -Cu reconstruction. Surface Science, 2010, 604, 666-673.	1.9	5

#	ARTICLE	IF	CITATIONS
19	Growth of Au thin film on Cu-modified Si(111) surface. Surface Science, 2009, 603, 3400-3403.	1.9	5
20	Relative stabilities of adsorbed versus substitutional Al atoms in submonolayer $\frac{Al}{Si} < \frac{Al}{Si}$ Physical Review B, 2008, 78, .	3.2	2
21	$4 \text{ \AA} - 1$ $7 \text{ \AA} - 3$ in the $4 \text{ \AA} - 12$ Technical Physics Letters, 2007, 33, 912-914.	0.7	2
22	Growth of copper nanoislands on the Si(100)-c(4 Å—12)-Al surface studied by scanning tunneling microscopy. Technical Physics Letters, 2007, 33, 912-914.	0.7	2
23	Growth of In nanocrystallite arrays on the Si(100)-c(4 Å—12)-Al surface. Surface Science, 2006, 600, 4986-4991.	1.9	4
24	Si(111)-3x3-Au phase modified by In adsorption: Stabilization of a homogeneous surface by stress relief. Physical Review B, 2006, 73, .	3.2	44