Olga V Molodtsova

List of Publications by Year
in descending order

44	1,104	430874 18	395702 33
papers	citations	h-index	g-index

45	45	45	1553
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface functionalization of few-layer graphene on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e120" altimg="si50.svg"><mml:mi>Î²</mml:mi></mml:math>-SiC(001) by Neutral Red dye. Applied Surface Science, 2022, 585, 152542.	6.1	4
2	Systematic study of niobium thermal treatments for superconducting radio frequency cavities employing x-ray photoelectron spectroscopy. Superconductor Science and Technology, 2022, 35, 065019.	3.5	8
3	In-situ study of multi-phase indium nanoparticle growth on/into CuPcF4 organic thin film in ultra-high vacuum conditions. Applied Surface Science, 2021, 546, 149136.	6.1	2
4	Noble metal nanoparticles in organic matrix. Applied Surface Science, 2020, 506, 144980.	6.1	7
5	2D/3D Metallic Nano-objects Self-Organized in an Organic Molecular Thin Film. ACS Omega, 2020, 5, 10441-10450.	3.5	4
6	Layer-by-Layer Graphene Growth on Î²-SiC/Si(001). ACS Nano, 2019, 13, 526-535.	14.6	14
7	A photochemical approach for a fast and self-limited covalent modification of surface supported graphene with photoactive dyes. Nanotechnology, 2018, 29, 275705.	2.6	6
8	Large positive in-plane magnetoresistance induced by localized states at nanodomain boundaries in graphene. Nature Communications, 2017, 8, 14453.	12.8	27
9	Graphene on cubic-SiC. Progress in Materials Science, 2017, 89, 1-30.	32.8	30
10	Hybrid organic-inorganic systems formed by self-assembled gold nanoparticles in CuPcF4 molecular crystal. Organic Electronics, 2016, 32, 228-236.	2.6	5
11	A new dynamic-XPS end-station for beamline P04 at PETRA III/DESY. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 777, 189-193.	1.6	11
12	Transport Gap Opening and High Onâ€“Off Current Ratio in Trilayer Graphene with Self-Aligned Nanodomain Boundaries. ACS Nano, 2015, 9, 8967-8975.	14.6	21
13	Morphology and properties of a hybrid organic-inorganic system: Al nanoparticles embedded into CuPc thin film. Journal of Applied Physics, 2014, 115, .	2.5	12
14	Rotated domain network in graphene on cubic-SiC(001). Nanotechnology, 2014, 25, 135605.	2.6	14
15	Continuous wafer-scale graphene on cubic-SiC(001). Nano Research, 2013, 6, 562-570.	10.4	31
16	Transition metal phthalocyanines: Insight into the electronic structure from soft x-ray spectroscopy. Journal of Chemical Physics, 2012, 137, 054306.	3.0	92
17	Morphology and Electronic Properties of Hybrid Organic-Inorganic System: Ag Nanoparticles Embedded into CuPc Matrix. Advances in Materials Physics and Chemistry, 2012, 02, 60-62.	0.7	1
18	Potassium doped Co phthalocyanine films: Charge transfer to the metal center and the ligand ring. Organic Electronics, 2011, 12, 372-375.	2.6	10

#	Article	IF	Citations
19	Electronic properties of potassium-doped FePc. Organic Electronics, 2010, 11, 1461-1468.	2.6	24
20	Core-level photoelectron study of indium chains on Si(111) at 10K. Journal of Electron Spectroscopy and Related Phenomena, 2010, 177, 1-4.	1.7	1
21	Properties of hybrid organic-inorganic systems: Au nanoparticles embedded into an organic CuPc matrix. Applied Physics Letters, 2010, 97, .	3.3	14
22	Graphene Synthesis on Cubic SiC/Si Wafers. Perspectives for Mass Production of Graphene-Based Electronic Devices. Nano Letters, 2010, 10, 992-995.	9.1	199
23	The electronic structure of cobalt phthalocyanine. Applied Physics A: Materials Science and Processing, 2009, 94, 485-489.	2.3	40
24	Chemistry and electronic properties of ferromagnetic metalâ€•organic semiconductor interfaces: Fe on CuPc. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 2763-2770.	1.8	5
25	Ferromagnetic cobalt and iron top contacts on an organic semiconductor: Evidence for a reacted interface. Organic Electronics, 2009, 10, 8-11.	2.6	27
26	Spin and Orbital Ground State of Co in Cobalt Phthalocyanine. Journal of Physical Chemistry A, 2009, 113, 8917-8922.	2.5	66
27	Engineering of the Energy Level Alignment at Organic Semiconductor Interfaces by Intramolecular Degrees of Freedom: Transition Metal Phthalocyanines. Journal of Physical Chemistry C, 2009, 113, 13219-13222.	3.1	46
28	Prediction of the Equilibrium Structures and Photomagnetic Properties of the Prussian Blue Analogue RbMn[Fe(CN)₆] by Density Functional Theory. Journal of Physical Chemistry A, 2008, 112, 5742-5748.	2.5	17
29	Bulk and Surface Switching in Mnâ˜Fe-Based Prussian Blue Analogues. Journal of Physical Chemistry C, 2008, 112, 14158-14167.	3.1	18
30	Electronic structure of the organic semiconductor copper phthalocyanine: Experiment and theory. Journal of Chemical Physics, 2008, 128, 034703.	3.0	32
31	Unoccupied electronic states in an organic semiconductor probed with x-ray spectroscopy and first-principles calculations. Journal of Chemical Physics, 2008, 129, 154705.	3.0	16
32	The unoccupied electronic structure of potassium doped copper phthalocyanine studied by near edge absorption fine structure. Journal of Applied Physics, 2008, 103, 053711.	2.5	13
33	Molecular orientation and ordering in CoPc and FePc thin films grown on Au(001)-5Ã—20. Journal of Applied Physics, 2008, 104, .	2.5	37
34	Silver on copper phthalocyanine: Abrupt and inert interfaces. Applied Surface Science, 2007, 254, 99-102.	6.1	9
35	Consistent experimental determination of the charge neutrality level and the pillow effect at metal/organic interfaces. Applied Physics Letters, 2007, 91, .	3.3	12
36	Formation of sharp metal-organic semiconductor interfaces: Ag and Sn on CuPc. European Physical Journal B, 2007, 57, 379-384.	1.5	6

#	Article	IF	Citations
37	Electronic structure of pristine CuPc: Experiment and calculations. Applied Surface Science, 2007, 254, 20-25.	6.1	37
38	Potassium doped CuPc: Electronic and atomic structure formation. European Physical Journal Special Topics, 2006, 132, 121-125.	0.2	2
39	Characterisation of metal-organic semiconductor interfaces: In and Sn on CuPc. European Physical Journal Special Topics, 2006, 132, 101-104.	0.2	2
40	Electronic properties of the organic semiconductor interfaces CuPcâˆ•C60 and C60âˆ•CuPc. Journal of Applied Physics, 2006, 99, 053704.	2.5	73
41	Electronic properties of the organic semiconductor hetero-interface CuPc/C60. Applied Surface Science, 2005, 252, 143-147.	6.1	21
42	Chemistry and electronic properties of a metal-organic semiconductor interface: In on CuPc. Physical Review B, 2005, 72, .	3.2	43
43	Electronic properties of potassium-doped CuPc. Journal of Applied Physics, 2005, 98, 093702.	2.5	44
44	Controllable Synthesis of Few-Layer Graphene on Î²-SiC(001). , 0, , .		0