

Eleonora F Lazneva

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Selective growth of a MgO(100)-c(2 \times 2) superstructure on a SrTiO ₃ (100)-(2 \times 2) substrate. <i>Surface Science</i> , 1999, 425, 15-21.	1.9	34
2	CO ₂ [*] intermediates in the CO/ZnO(0001) interface. <i>Surface Science</i> , 1995, 323, 102-108.	1.9	33
3	Thermally induced modification of the graphene oxide film on the tantalum surface. <i>Materials and Design</i> , 2017, 113, 319-325.	7.0	29
4	A total current spectroscopy study of metal oxide surfaces: I. Unoccupied electronic states of ZnO and MgO. <i>Journal of Physics Condensed Matter</i> , 1999, 11, 9581-9588.	1.8	27
5	Unoccupied Electronic States at the Interface of Oligo(phenylene-vinylene) Films with Oxidized Silicon. <i>Journal of Physical Chemistry C</i> , 2013, 117, 12633-12638.	3.1	27
6	Electronic properties of a zinc oxide surface modified by ultra-thin layers of conjugated organic molecules. <i>Surface Science</i> , 2005, 586, 129-136.	1.9	24
7	Modification of the electronic properties of the TiO ₂ (110) surface upon deposition of the ultrathin conjugated organic layers. <i>Applied Surface Science</i> , 2007, 253, 7376-7380.	6.1	24
8	Structure of vacant electronic states of an oxidized germanium surface upon deposition of perylene tetracarboxylic dianhydride films. <i>Physics of the Solid State</i> , 2016, 58, 377-381.	0.6	23
9	VLEED from a ZnO(0001) substructure. <i>Surface Science</i> , 1994, 307-309, 1177-1181.	1.9	22
10	Interface formation between oligo(phenylenevinylene) films and highly ordered pyrolytic graphite and Ge(1 1 1) surfaces. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2003, 131-132, 67-75.	1.7	22
11	Electronic properties of the surface of perylene tetracarboxylic acid dianhydride film upon deposition of the ultrathin conjugated layers of Pyronine B. <i>Applied Surface Science</i> , 2010, 256, 2419-2422.	6.1	21
12	Hypothesis for the Mechanism of Ascorbic Acid Activity in Living Cells Related to Its Electron-Accepting Properties. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2667-2676.	2.5	19
13	Low-energy electron mean free path in thin films of copper phthalocyanine. <i>Technical Physics Letters</i> , 2003, 29, 974-976.	0.7	18
14	Organic-organic interfaces and unoccupied electronic states of thin films of perylene and naphthalene derivatives. <i>Journal of Molecular Structure</i> , 2005, 744-747, 145-149.	3.6	18
15	Interface doping of conjugated organic films by means of diffusion of atomic components from the surfaces of semiconductors and of metal oxides. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 708-711.	3.9	17
16	Low-Energy Electron Interaction with Melatonin and Related Compounds. <i>Journal of Physical Chemistry B</i> , 2017, 121, 3965-3974.	2.6	17
17	Conduction band electronic states of ultrathin layers of thiophene/phenylene co-oligomers on an oxidized silicon surface. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2019, 235, 40-45.	1.7	17
18	Unoccupied states evolution with oxidation of ultrathin Mg, Zn and Cd layers on SrTiO ₃ (100) surfaces. <i>Applied Surface Science</i> , 2001, 175-176, 663-669.	6.1	16

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19	Resonance Electron Attachment to Tetracyanoquinodimethane. <i>Journal of Physical Chemistry A</i> , 2014, 118, 6810-6818.	2.5	16
20	Low-energy electron interaction with retusin extracted from <i>Maackia amurensis</i> : towards a molecular mechanism of the biological activity of flavonoids. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 16805-16812.	2.8	16
21	Invited review article laser induced desorption. <i>Radiation Effects and Defects in Solids</i> , 1991, 115, 257-284.	1.2	15
22	Oxidation of ultrathin copper layers on zinc oxide polar surfaces: unoccupied electronic states. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 7297-7303.	1.8	12
23	Influence of atomic Cu-layer epitaxy on CO_2 and CO photoinduced desorption from $\text{ZnO}(0001)$. <i>Applied Surface Science</i> , 1994, 82-83, 569-575.	6.1	11
24	A total current spectroscopy study of metal oxide surfaces: II. Unoccupied electronic states on $\text{TiO}_2(110)$ and $\text{SrTiO}_3(100)$ surfaces. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 7705-7711.	1.8	11
25	Electronic properties of the interface between hexadecafluoro copper phthalocyanine and unsubstituted copper phthalocyanine films. <i>Semiconductors</i> , 2013, 47, 956-961.	0.5	11
26	Laser-induced O_2 desorption from TiO_2 surfaces. <i>Surface Science</i> , 1998, 395, 82-87.	1.9	10
27	Electron stimulated ring opening in diphenylphthalide dicarboxylic acid: Its likely role in the unique properties of phthalide-based materials. <i>Journal of Chemical Physics</i> , 2019, 151, 214309.	3.0	10
28	Electronic properties of the polycrystalline tin dioxide interface with conjugated organic layers. <i>Surface Science</i> , 2011, 605, 1452-1456.	1.9	9
29	Role of Resonance Electron Attachment in Phytoremediation of Halogenated Herbicides. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12098-12104.	2.6	9
30	Density of the unoccupied electronic states of the ultrathin films of the aziridinylphenylpyrrol substituted fullerene. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015, 205, 52-56.	1.7	8
31	Potential barrier and photovoltage at interfaces of hexadecafluoro-copper-phthalocyanine and copper phthalocyanine films on the surface of tin dioxide. <i>Semiconductors</i> , 2012, 46, 988-992.	0.5	7
32	Identification of Fe 3d empty states from the total current spectra of an (0001) surface. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 6569-6575.	1.8	6
33	Laser stimulated fragmentation and desorption from the surface of organic films: Perylene derivatives. <i>Technical Physics Letters</i> , 2009, 35, 781-784.	0.7	6
34	Formation of $\text{AgInS}_2/\text{ZnS}$ Colloidal Nanocrystals and Their Photoluminescence Properties. <i>Physics of the Solid State</i> , 2019, 61, 2325-2328.	0.6	4
35	Oxygen effect on the conductivity of the $\text{Cu}_x\text{O}/\text{ZnO}(0001)$ and $(000\bar{1}\bar{1})$ systems. <i>Applied Surface Science</i> , 1999, 142, 210-214.	6.1	3
36	Electrical conductivity of mixed structures based on conjugated organic materials and metals oxides upon adsorption of volatile organic compounds. <i>Physics of the Solid State</i> , 2009, 51, 1753-1757.	0.6	3

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37	Formation of the conduction band electronic structure during deposition of ultrathin dicarboximide-substituted perylene films on the oxidized silicon surface. <i>Physics of the Solid State</i> , 2015, 57, 1472-1476.	0.6	3
38	Water-soluble copper phthalocyanine for optimization of gas-sensor characteristics of tin dioxide upon adsorption of ammonia. <i>Physics of the Solid State</i> , 2015, 57, 2550-2554.	0.6	3
39	Electronic structure of the conduction band of the interface region of ultrathin films of substituted perylenedicarboximides and the germanium oxide surface. <i>Physics of the Solid State</i> , 2016, 58, 1901-1905.	0.6	3
40	Density of Electronic States in the Conduction Band of Ultrathin Films of Naphthalenedicarboxylic Anhydride and Naphthalenetetracarboxylic Dianhydride on the Surface of Oxidized Silicon. <i>Physics of the Solid State</i> , 2018, 60, 804-808.	0.6	3
41	Unoccupied Electron States and the Formation of Interface between Films of Dimethyl-Substituted Thiophene-Phenylene Coologomers and Oxidized Silicon Surface. <i>Physics of the Solid State</i> , 2018, 60, 1029-1034.	0.6	3
42	The Unoccupied Electronic States of the Ultrathin Diphenylphthalide Films on the Surface of the Highly Oriented Pyrolytic Graphite. <i>Physics of the Solid State</i> , 2019, 61, 1922-1926.	0.6	3
43	Atomic Composition and Morphology of Thin Films of Resveratrol Deposited on Oxidized Silicon and Polycrystalline Gold Surfaces. <i>Physics of the Solid State</i> , 2019, 61, 468-473.	0.6	3
44	Unoccupied Electronic States and Potential Barrier in Films of Substituted Diphenylphthalides on the Surface of Highly Ordered Pyrolytic Graphite. <i>Physics of the Solid State</i> , 2021, 63, 362-367.	0.6	3
45	Interface formation between two organic films based on phthalocyanine and perylene derivatives. <i>Technical Physics Letters</i> , 2006, 32, 831-834.	0.7	2
46	Laser desorption from the surface of copper phthalocyanine films on silicon and cadmium sulfide. <i>Technical Physics Letters</i> , 2007, 33, 926-929.	0.7	2
47	Photovoltaic properties of interfaces of organic films of substituted perylene with TiO ₂ and SnO ₂ surfaces. <i>Semiconductors</i> , 2011, 45, 169-173.	0.5	2
48	Modification of electronic properties during adsorption of conjugate organic molecules on the surface of polycrystalline SnO ₂ . <i>Technical Physics</i> , 2012, 57, 256-261.	0.7	2
49	Effect of nitrogen-containing substituents on fragmentation of perylene derivatives under laser irradiation. <i>Technical Physics Letters</i> , 2012, 38, 1-3.	0.7	2
50	Electronic properties of ultrathin films based on pyrrolofullerene molecules on the surface of oxidized silicon. <i>Physics of the Solid State</i> , 2014, 56, 1659-1663.	0.6	2
51	Atomic composition and stability of Langmuir-Blodgett monolayers based on siloxane dimer of quaterthiophene on the surface of polycrystalline gold. <i>Physics of the Solid State</i> , 2017, 59, 2491-2496.	0.6	2
52	Propagation of Low-Energy Electrons and the Density of Unoccupied States in Ultrathin TCNQ Layers on the Oxidized Silicon Surface. <i>Physics of the Solid State</i> , 2020, 62, 1245-1250.	0.6	2
53	Unoccupied Electron States of Ultrathin Films of Thiophene-Phenylene Cooligomers on the Surface of Polycrystalline Gold. <i>Physics of the Solid State</i> , 2020, 62, 1960-1966.	0.6	2
54	Electron spectroscopy study of NO ₂ adsorption on the Pd/MgO/Cu system. <i>Surface Science</i> , 2003, 532-535, 425-430.	1.9	1

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55	Photoelectronic properties of organic films on the silicon surface. <i>Technical Physics</i> , 2006, 51, 894-897.	0.7	1
56	Formation and electron properties of the interface between organic (TPD) and inorganic (ZnO) materials. <i>Technical Physics Letters</i> , 2009, 35, 359-361.	0.7	1
57	Electric conductivity of siliconorganic polyhomoconjugated polymer films upon adsorption of volatile organic compounds. <i>Technical Physics</i> , 2009, 54, 301-304.	0.7	1
58	Laser-induced desorption of atomic and molecular fragments from a tin dioxide surface modified by a thin organic covering of copper phthalocyanine. <i>Semiconductors</i> , 2012, 46, 45-48.	0.5	1
59	Transmission of low-energy electrons through ultrathin layers of tin(IV) phthalocyanine oxide. <i>Physics of the Solid State</i> , 2014, 56, 2556-2560.	0.6	1
60	Electronic structure of the conduction band upon the formation of ultrathin fullerene films on the germanium oxide surface. <i>Physics of the Solid State</i> , 2016, 58, 1257-1261.	0.6	1
61	Density of unoccupied electronic states of vapor-deposited films of dioctyl-substituted and diphenyl-substituted perylenedicarboximides. <i>Physics of the Solid State</i> , 2017, 59, 403-407.	0.6	1
62	Density of Vacant Electronic States of Semiconductor Films of Molecules of Naphthalene and Diphenylphthalide Modified by Electroactive Functional Groups. <i>Physics of the Solid State</i> , 2020, 62, 1256-1261.	0.6	1
63	Laser-induced CO ₂ desorption from a CO/Cu/ZnO(0001) surface. <i>Surface Science Letters</i> , 1993, 290, L677-L679.	0.1	0
64	Photovoltaic properties of a heterojunction based on copper phthalocyanine films on the surface of polycrystalline cadmium sulfide. <i>Physics of the Solid State</i> , 2013, 55, 1373-1376.	0.6	0