Eleonora F Lazneva

List of Publications by Year
in descending order

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64	626	471509 17	677142 22
papers	citations	h-index	g-index

64	64	64	401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unoccupied Electronic States and Potential Barrier in Films of Substituted Diphenylphthalides on the Surface of Highly Ordered Pyrolytic Graphite. Physics of the Solid State, 2021, 63, 362-367.	0.6	3
2	Density of Vacant Electronic States of Semiconductor Films of Molecules of Naphthalene and Diphenylphthalide Modified by Electroactive Functional Groups. Physics of the Solid State, 2020, 62, 1256-1261.	0.6	1
3	Propagation of Low-Energy Electrons and the Density of Unoccupied States in Ultrathin TCNQ Layers on the Oxidized Silicon Surface. Physics of the Solid State, 2020, 62, 1245-1250.	0.6	2
4	Unoccupied Electron States of Ultrathin Films of Thiopheneâ€“Phenylene Cooligomers on the Surface of Polycrystalline Gold. Physics of the Solid State, 2020, 62, 1960-1966.	0.6	2
5	Conduction band electronic states of ultrathin layers of thiophene/phenylene co-oligomers on an oxidized silicon surface. Journal of Electron Spectroscopy and Related Phenomena, 2019, 235, 40-45.	1.7	17
6	The Unoccupied Electronic States of the Ultrathin Diphenylphthalide Films on the Surface of the Highly Oriented Pyrolytic Graphite. Physics of the Solid State, 2019, 61, 1922-1926.	0.6	3
7	Atomic Composition and Morphology of Thin Films of Resveratrol Deposited on Oxidized Silicon and Polycrystalline Gold Surfaces. Physics of the Solid State, 2019, 61, 468-473.	0.6	3
8	Formation of AgInS2/ZnS Colloidal Nanocrystals and Their Photoluminescence Properties. Physics of the Solid State, 2019, 61, 2325-2328.	0.6	4
9	Electron stimulated ring opening in diphenylphthalide dicarboxylic acid: Its likely role in the unique properties of phthalide-based materials. Journal of Chemical Physics, 2019, 151, 214309.	3.0	10
10	Density of Electronic States in the Conduction Band of Ultrathin Films of Naphthalenedicarboxylic Anhydride and Naphthalenetetracarboxylic Dianhydride on the Surface of Oxidized Silicon. Physics of the Solid State, 2018, 60, 804-808.	0.6	3
11	Unoccupied Electron States and the Formation of Interface between Films of Dimethyl-Substituted Thiopheneâ€“Phenylene Coolygomers and Oxidized Silicon Surface. Physics of the Solid State, 2018, 60, 1029-1034.	0.6	3
12	Low-Energy Electron Interaction with Melatonin and Related Compounds. Journal of Physical Chemistry B, 2017, 121, 3965-3974.	2.6	17
13	Density of unoccupied electronic states of vapor-deposited films of dioctyl-substituted and diphenyl-substituted perylenedicarboximides. Physics of the Solid State, 2017, 59, 403-407.	0.6	1
14	Thermally induced modification of the graphene oxide film on the tantalum surface. Materials and Design, 2017, 113, 319-325.	7.0	29
15	Atomic composition and stability of Langmuirâ€“Blodgett monolayers based on siloxane dimer of quaterthiophene on the surface of polycrystalline gold. Physics of the Solid State, 2017, 59, 2491-2496.	0.6	2
16	Hypothesis for the Mechanism of Ascorbic Acid Activity in Living Cells Related to Its Electron-Accepting Properties. Journal of Physical Chemistry A, 2016, 120, 2667-2676.	2.5	19
17	Structure of vacant electronic states of an oxidized germanium surface upon deposition of perylene tetracarboxylic dianhydride films. Physics of the Solid State, 2016, 58, 377-381.	0.6	23
18	Role of Resonance Electron Attachment in Phytoremediation of Halogenated Herbicides. Journal of Physical Chemistry B, 2016, 120, 12098-12104.	2.6	9

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19	Electronic structure of the conduction band upon the formation of ultrathin fullerene films on the germanium oxide surface. Physics of the Solid State, 2016, 58, 1257-1261.	0.6	1
20	Electronic structure of the conduction band of the interface region of ultrathin films of substituted perylenedicarboximides and the germanium oxide surface. Physics of the Solid State, 2016, 58, 1901-1905.	0.6	3
21	Formation of the conduction band electronic structure during deposition of ultrathin dicarboximide-substituted perylene films on the oxidized silicon surface. Physics of the Solid State, 2015, 57, 1472-1476.	0.6	3
22	Low-energy electron interaction with retusin extracted from Maackia amurensis: towards a molecular mechanism of the biological activity of flavonoids. Physical Chemistry Chemical Physics, 2015, 17, 16805-16812.	2.8	16
23	Water-soluble copper phthalocyanine for optimization of gas-sensor characteristics of tin dioxide upon adsorption of ammonia. Physics of the Solid State, 2015, 57, 2550-2554.	0.6	3
24	Density of the unoccupied electronic states of the ultrathin films of the aziridinylphenylpyrrol substituted fullerene. Journal of Electron Spectroscopy and Related Phenomena, 2015, 205, 52-56.	1.7	8
25	Transmission of low-energy electrons through ultrathin layers of tin(IV) phthalocyanine oxide. Physics of the Solid State, 2014, 56, 2556-2560.	0.6	1
26	Electronic properties of ultrathin films based on pyrrolofullerene molecules on the surface of oxidized silicon. Physics of the Solid State, 2014, 56, 1659-1663.	0.6	2
27	Resonance Electron Attachment to Tetracyanoquinodimethane. Journal of Physical Chemistry A, 2014, 118, 6810-6818.	2.5	16
28	Electronic properties of the interface between hexadecafluoro copper phthalocyanine and unsubstituted copper phthalocyanine films. Semiconductors, 2013, 47, 956-961.	0.5	11
29	Photovoltaic properties of a heterojunction based on copper phthalocyanine films on the surface of polycrystalline cadmium sulfide. Physics of the Solid State, 2013, 55, 1373-1376.	0.6	0
30	Unoccupied Electronic States at the Interface of Oligo(phenylene-vinylene) Films with Oxidized Silicon. Journal of Physical Chemistry C, 2013, 117, 12633-12638.	3.1	27
31	Potential barrier and photovoltage at interfaces of hexadecafluoro-copper-phthalocyanine and copper phthalocyanine films on the surface of tin dioxide. Semiconductors, 2012, 46, 988-992.	0.5	7
32	Laser-induced desorption of atomic and molecular fragments from a tin dioxide surface modified by a thin organic covering of copper phthalocyanine. Semiconductors, 2012, 46, 45-48.	0.5	1
33	Modification of electronic properties during adsorption of conjugate organic molecules on the surface of polycrystalline SnO2. Technical Physics, 2012, 57, 256-261.	0.7	2
34	Effect of nitrogen-containing substituents on fragmentation of perylene derivatives under laser irradiation. Technical Physics Letters, 2012, 38, 1-3.	0.7	2
35	Photovoltaic properties of interfaces of organic films of substituted perylene with TiO2 and SnO2 surfaces. Semiconductors, 2011, 45, 169-173.	0.5	2
36	Interface doping of conjugated organic films by means of diffusion of atomic components from the surfaces of semiconductors and of metal oxides. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 708-711.	3.9	17

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37	Electronic properties of the polycrystalline tin dioxide interface with conjugated organic layers. Surface Science, 2011, 605, 1452-1456.	1.9	9
38	Electronic properties of the surface of perylene tetracarboxylic acid dianhydride film upon deposition of the ultrathin conjugated layers of Pyronine B. Applied Surface Science, 2010, 256, 2419-2422.	6.1	21
39	Formation and electron properties of the interface between organic (TPD) and inorganic (ZnO) materials. Technical Physics Letters, 2009, 35, 359-361.	0.7	1
40	Laser stimulated fragmentation and desorption from the surface of organic films: Perylene derivatives. Technical Physics Letters, 2009, 35, 781-784.	0.7	6
41	Electrical conductivity of mixed structures based on conjugated organic materials and metals oxides upon adsorption of volatile organic compounds. Physics of the Solid State, 2009, 51, 1753-1757.	0.6	3
42	Electric conductivity of siliconorganic polyhomoconjugated polymer films upon adsorption of volatile organic compounds. Technical Physics, 2009, 54, 301-304.	0.7	1
43	Laser desorption from the surface of copper phthalocyanine films on silicon and cadmium sulfide. Technical Physics Letters, 2007, 33, 926-929.	0.7	2
44	Modification of the electronic properties of the TiO2 (110) surface upon deposition of the ultrathin conjugated organic layers. Applied Surface Science, 2007, 253, 7376-7380.	6.1	24
45	Interface formation between two organic films based on phthalocyanine and perylene derivatives. Technical Physics Letters, 2006, 32, 831-834.	0.7	2
46	Photoelectronic properties of organic films on the silicon surface. Technical Physics, 2006, 51, 894-897.	0.7	1
47	Organicâ€“organic interfaces and unoccupied electronic states of thin films of perylene and naphthalene derivatives. Journal of Molecular Structure, 2005, 744-747, 145-149.	3.6	18
48	Electronic properties of a zinc oxide surface modified by ultra-thin layers of conjugated organic molecules. Surface Science, 2005, 586, 129-136.	1.9	24
49	Electron spectroscopy study of NO2 adsorption on the Pd/MgO/Cu system. Surface Science, 2003, 532-535, 425-430.	1.9	1
50	Interface formation between oligo(phenyleleâ€“vinylene) films and highly ordered pyrolytic graphite and Ge(1 1 1) surfaces. Journal of Electron Spectroscopy and Related Phenomena, 2003, 131-132, 67-75.	1.7	22
51	Low-energy electron mean free path in thin films of copper phthalocyanine. Technical Physics Letters, 2003, 29, 974-976.	0.7	18
52	Unoccupied states evolution with oxidation of ultrathin Mg, Zn and Cd layers on SrTiO3(100) surfaces. Applied Surface Science, 2001, 175-176, 663-669.	6.1	16
53	A total current spectroscopy study of metal oxide surfaces: II. Unoccupied electronic states on TiO2(110) and SrTiO3(100) surfaces. Journal of Physics Condensed Matter, 2000, 12, 7705-7711.	1.8	11
54	Oxygen effect on the conductivity of the CuxO/ZnO(0001) and (0001Ì„) systems. Applied Surface Science, 1999, 142, 210-214.	6.1	3

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55	Selective growth of a MgO(100)-c(2Ã—2) superstructure on a SrTiO3(100)-(2Ã—2) substrate. Surface Science, 1999, 425, 15-21.	1.9	34
56	A total current spectroscopy study of metal oxide surfaces: I. Unoccupied electronic states of ZnO and MgO. Journal of Physics Condensed Matter, 1999, 11, 9581-9588.	1.8	27
57	Laser-induced O2 desorption from TiO2 surfaces. Surface Science, 1998, 395, 82-87.	1.9	10
58	Oxidation of ultrathin copper layers on zinc oxide polar surfaces: unoccupied electronic states. Journal of Physics Condensed Matter, 1997, 9, 7297-7303.	1.8	12
59	Identification of Fe 3d empty states from the total current spectra of an (0001) surface. Journal of Physics Condensed Matter, 1996, 8, 6569-6575.	1.8	6
60	CO2â˜ intermediates in the CO/ZnO(0001) interface. Surface Science, 1995, 323, 102-108.	1.9	33
61	Influence of atomic Cu-layer epitaxy on Co2 and CO phtoinduced desorption from ZnO(0001). Applied Surface Science, 1994, 82-83, 569-575.	6.1	11
62	VLEED from a ZnO(0001) substructure. Surface Science, 1994, 307-309, 1177-1181.	1.9	22
63	Laser-induced CO2 desorption from a CO/Cu/ZnO(0001) surface. Surface Science Letters, 1993, 290, L677-L679.	0.1	0
64	Invited review article laser induced desorption. Radiation Effects and Defects in Solids, 1991, 115, 257-284.	1.2	15