Fedir Ivashchyshyn

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5707263/publications.pdf

Version: 2024-02-01

37 papers	191 citations	1306789 7 h-index	1199166 12 g-index
38 all docs	38 docs citations	38 times ranked	167 citing authors

#	Article	IF	Citations
1	Characteristics of organic light emitting diodes with copper iodide as injection layer. Thin Solid Films, 2010, 518, 7016-7018.	0.8	64
2	Generalized Electrodiffusion Equation with Fractality of Spaceâ€“Time: Experiment and Theory. Journal of Physical Chemistry A, 2018, 122, 4099-4110.	1.1	14
3	Modification of properties of GaSeâŸ·Î²-cyclodexterinâŸ·FeSO4âŸ©âŸ© Clathrat by synthesis in superposed electric and light-wave fields. Journal of Applied Physics, 2017, 121, .	1.1	10
4	Long time stability of ITO/NiPc/ZnO/Al devices with ZnO buffer layer formed by atomic layer deposition techniqueâ€“impedance spectroscopy analysis. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 172, 272-275.	1.7	9
5	Functional Energy Accumulation, Photo- and Magnetosensitive Hybridity in the GaSe-Based Hierarchical Structures. Energies, 2020, 13, 4321.	1.6	9
6	Thermogalvanic and local field effects in SiO2<SmCl3> structure. Applied Nanoscience (Switzerland), 2020, 10, 4725-4731.	1.6	9
7	Nonorganic semiconductor â€“ Conductive polymer intercalate nanohybrids: Fabrication, properties, application. Current Applied Physics, 2012, 12, 160-165.	1.1	8
8	Electronic Processes and Energy Storage in Inorganic/Organic Nanohybrids. Molecular Crystals and Liquid Crystals, 2014, 589, 132-140.	0.4	8
9	Intercalated Nanostructure Consisting of Inorganic Receptor and Organic Ambipolar Semiconductor. Journal of Nanoelectronics and Optoelectronics, 2013, 8, 292-296.	0.1	8
10	Quantum energy accumulation in semiconductorâ€‰<â€‰ionic liquidâ€‰>â€‰layered clathrates. Applied Nanoscience (Switzerland), 2022, 12, 1147-1153.	1.6	5
11	Semiconductor clathrates with a periodically modulated topology of a host ferroelectric liquid crystal in thermal, magnetic, and light-wave fields. Technical Physics, 2014, 59, 1085-1087.	0.2	4
12	Intercalated heterostructured nanohybrids of the semiconductor-nematic configuration: Preparation, properties, and applications. Physics of the Solid State, 2010, 52, 2026-2032.	0.2	3
13	Impedance anisotropy and quantum photocapacity of bio/inorganic clathrates InSe <histidine> and gase <histidine>. Semiconductor Physics, Quantum Electronics and Optoelectronics, 2015, 18, 362-366.	0.3	3
14	GaSe NANOSTRUCTURES WITH MAGNETOORDERED GEST ARRANGEMENT IN TEMPERATURE AND ELECTROMAGNETIC FIELD. Sensor Electronics and Microsystem Technologies, 2014, 7, 68-78.	0.1	3
15	Giant magnetoresistance effect in InSe<Î²-CD<FeSO4>> clathrate. Mathematical Modeling and Computing, 2020, 7, 322-333.	0.4	3
16	New Carbon Architectures with Nanobounded Geometry of Voids for the High-Efficiency Capacitive and Pseudocapacitive Accumulation of Energy. Materials Science, 2015, 51, 188-193.	0.3	2
17	The impact of phase state of guest histidine on properties and practical applications of nanohybrids on InSe and GaSe basis. Materials Science-Poland, 2017, 35, 239-245.	0.4	2
18	Structural and Magnetic Properties of Ni/C Composites Synthesized from Beet Pulp and Corn Stems. Magnetochemistry, 2021, 7, 31.	1.0	2

#	Article	IF	Citations
19	Ð'Ð¿Ð»Ð¸Ð² ÑÑ‚Ñ€ÑƒÐºÑ‚ÑƒÑ€Ð½Ð¾Ð³Ð¾ÑˆÑ‚Ñ€ÑƒÐ²Ð°Ð½Ð½Ñ•Ð²Ð¸Ð´Ñ–Ð² Ð²ÑƒÐ³Ð»ÐµÑ†ÐµÐ¼Ñ–ÑÑ‚Ð½Ð¸Ñ… Ð¼Ð°Ñ‚ÐµÑ€Ñ–Ð°Ð»Ñ–Ð² Ð½Ð°		
20	Cointercalate Semiconductors GaSe (InSe) with Guest Multiferroic NaNO2 + FeSO4. Journal of Nano- and Electronic Physics, 2017, 9, 03016-1-03016-7.	0.2	2
21	CLATHRATE SEMICONDUCTOR MULTIFERROICS, SYNTHESIZED IN SYSTEM GÐ°SE-NÐ°NO2-FÐµSO4 AND INFLUENCE OF COINTERCALATION. RadÃ¬oelektronika, ÃŒnformatika, UpravlÃ¬nnÃ¢, 2017, .	0.1	2
22	Comparison of Structure and Magnetic Properties of Ni/C Composites Synthesized from Wheat Straw by Different Methods. Applied Sciences (Switzerland), 2021, 11, 10031.	1.3	2
23	Microscopic theory of the influence of dipole superparamagnetics (type ‹beta-CD‹FeSO_4››) on current flow in semiconductor layered structures (type GaSe, InSe). Mathematical Modeling and Computing, 2021, 8, 89-105.	0.4	2
24	Biintercalate layered heterostructure: synthesis conditions and physical properties. Low Temperature Physics, 2021, 47, 1065-1071.	0.2	2
25	Structures with alternate semiconductor and nematic nanolayers: formation, properties, application. Russian Physics Journal, 2010, 53, 155-162.	0.2	1
26	Influence of Magnetic Field and Lighting during the Creation Process of Nanohybrid Semiconductor-Nematic Structures on Their Impedance and Photo Response. Journal of Materials Science and Technology, 2011, 27, 973-978.	5.6	1
27	Intercalate nanohybrid structure of non-organic/organic semiconductor configuration: formation, properties and application. Journal of Experimental Nanoscience, 2014, 9, 678-688.	1.3	1
28	Peculiarities of Properties of the GaSe (InSe)<CS(NH2)2> Nanohybrids, Synthesized under Lighting. Journal of Nano- and Electronic Physics, 2016, 8, 04015-1-04015-6.	0.2	1
29	Modification of the Properties of Clathrate/Cavitate Complexes with Hierarchical Architecture at Their Synthesis in Crossed Electric and Light-Wave Fields. Ukrainian Journal of Physics, 2017, 62, 625-632.	0.1	1
30	Electric Properties of MCM-41 SmCl3 Nanohybrid Encapsulate. Journal of Nano- and Electronic Physics, 2020, 12, 03014-1-03014-5.	0.2	1
31	Influence of optical radiation and magnetic field on the properties of InSe(NaNO2) clathrate. Ukrainian Journal of Physical Optics, 2020, 21, 115-125.	9.7	1
32	Biintercalate formed on the basis of 2D semiconductor matrix, ferroelectric and ferromagnetic phases. Molecular Crystals and Liquid Crystals, 0, , 1-12.	0.4	1
33	Photoprocesses in a semiconducting carbon photocapacitor with a double electrical layer. Semiconductors, 2010, 44, 835-840.	0.2	0
34	Study of efficiency of tribo-electrostatic separation of finely dispersed carbon powders.. , 2018, , .		0
35	The separation assessment of small-seeded mixtures of agricultural crops. Journal of Physics: Conference Series, 2021, 1781, 012020.	0.3	0
36	Electroconductive and Polarization Properties of Inorganic-organic MCM-41 Encapsulant. Journal of Nano- and Electronic Physics, 2020, 12, 03032-1-03032-5.	0.2	0

#	Article	IF	Citations
37	Quantum accumulation of electrical energy at interfacial boundaries in heterophase inorganic / organic clathrates. Computational Problems of Electrical Engineering, 2022, 12, 30-36.	0.2	0