

Alexey R Tameev

List of Publications by Year in descending order

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144
all docs

144
docs citations

144
times ranked

1354
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition metal carbides (MXenes) for efficient NiO-based inverted perovskite solar cells. Nano Energy, 2021, 82, 105771.	16.0	74
2	Optoelectronic Properties of Semiconductor Quantum Dot Solids for Photovoltaic Applications. Journal of Physical Chemistry Letters, 2017, 8, 4129-4139.	4.6	71
3	Fast Switching Properties and Ion Diffusion Behavior of Polytriphenylamine Derivative with Pendent Ionic Liquid Unit. ACS Applied Materials & Interfaces, 2018, 10, 32404-32412.	8.0	38
4	Copper Iodide Interlayer for Improved Charge Extraction and Stability of Inverted Perovskite Solar Cells. Materials, 2019, 12, 1406.	2.9	35
5	Near-infrared electroluminescence in polymer composites based on organic nanocrystals. Applied Physics Letters, 2002, 81, 3088-3090.	3.3	34
6	Nanostructure-Dependent Vertical Charge Transport in MEH-PPV Films. Advanced Functional Materials, 2007, 17, 2902-2910.	14.9	32
7	High-performance electrochromic supercapacitor based on quinacridone dye with good specific capacitance, fast switching time and robust stability. Chemical Engineering Journal, 2022, 431, 133733.	12.7	29
8	Hybrid heterostructures based on aromatic polyimide and semiconductor CdSe quantum dots for photovoltaic applications. Applied Physics Letters, 2013, 103, .	3.3	27
9	Ultraviolet-Visible-Near Infrared and Raman spectroelectrochemistry of poly(3,4-ethylenedioxythiophene) complexes with sulfonated polyelectrolytes. The role of inter- and intra-molecular interactions in polyelectrolyte. Electrochimica Acta, 2016, 222, 409-420.	5.2	26
10	On the development of a new approach to the design of lanthanide-based materials for solution-processed OLEDs. Dalton Transactions, 2019, 48, 17298-17309.	3.3	25
11	Molecular Dynamics and Conductivity of a PTB7:PC71BM Photovoltaic Polymer Blend: A Dielectric Spectroscopy Study. ACS Applied Polymer Materials, 2021, 3, 4869-4878.	4.4	25
12	Tris(ethylene diamine) nickel acetate as a promising precursor for hole transport layer in planar structured perovskite solar cells. Journal of Materials Chemistry C, 2018, 6, 6179-6186.	5.5	24
13	Electron drift mobility in pyrazolo[3,4-b]quinoline doped polystyrene layers. Applied Physics Letters, 2000, 77, 322-324.	3.3	23
14	Charge Carrier Mobility in Films of Carbon-Nanotube- Polymer Composites. Journal of Physics: Conference Series, 2007, 61, 1152-1156.	0.4	23
15	Photophysical properties of indolo[3,2-b]carbazoles as a promising class of optoelectronic materials. Semiconductors, 2010, 44, 1581-1587.	0.5	23
16	Hole mobility in thieno[3,2-b]thiophene oligomers. Mendeleev Communications, 2019, 29, 218-219.	1.6	23
17	Relaxation processes in a polymer composite for bulk heterojunction: A dielectric spectroscopy study. Polymer, 2020, 203, 122785.	3.8	23
18	Colorless to Multicolored, Fast Switching, and Highly Stable Electrochromic Devices Based on Thermally Cross-Linking Copolymer. ACS Applied Materials & Interfaces, 2021, 13, 41826-41835.	8.0	23

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19	<i>In situ</i> preparation and determination of electrochemical and electrochromic properties of copper phthalocyanine-polyaniline nanocomposite films. RSC Advances, 2019, 9, 34382-34388.	3.6	21
20	Photophysical and electrical properties of polyphenylquinolines containing carbazole or indolo[3,2-b]carbazole fragments as new optoelectronic materials. Semiconductors, 2011, 45, 1339-1345.	0.5	20
21	Conductive composites of polyaniline-polyacid complex and graphene nanostacks. Synthetic Metals, 2016, 211, 89-98.	3.9	20
22	Electrochemical polymerization process and excellent electrochromic properties of ferrocene-functionalized polytriphenylamine derivative. Dyes and Pigments, 2019, 163, 433-440.	3.7	20
23	Bipolar space charge formation and switching effect in thin polymer films. Applied Physics Letters, 2008, 92, 153307.	3.3	18
24	A facile approach to fabricating ultrathin layers of reduced graphene oxide on planar solids. Carbon, 2018, 134, 62-70.	10.3	18
25	Electron drift mobility in polystyrene doped with bispyrazolopyridine derivatives. Applied Physics Letters, 2002, 81, 969-971.	3.3	17
26	Thin nanocomposite layers based on a complex of polyaniline and graphene. Protection of Metals and Physical Chemistry of Surfaces, 2014, 50, 613-619.	1.1	17
27	The effect of the degree of graphene oxidation on the electric conductivity of nanocomposites based on a polyaniline complex. Technical Physics Letters, 2014, 40, 807-809.	0.7	17
28	Charge mobility and photovoltaic behaviour of carbocyanine dye layers deposited by thermal evaporation in vacuum. Thin Solid Films, 2004, 451-452, 109-111.	1.8	16
29	Effect of excessive pressure on the drift mobility of charge carriers in poly(diphenylene phthalide) films. Physics of the Solid State, 2011, 53, 195-200.	0.6	16
30	Photoconductivity of composites based on CdSe quantum dots and low-band-gap polymers. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 79, 206-211.	2.7	16
31	Graphene nanosheet/polyaniline composite for transparent hole transporting layer. Journal of Industrial and Engineering Chemistry, 2018, 65, 309-317.	5.8	16
32	Fast photorefractive polymer composites based on nanocrystalline J-aggregates of the cyanine dyes. Synthetic Metals, 2004, 144, 113-120.	3.9	15
33	Polyheteroarylene films with intrinsic switching mechanism for nonvolatile memory applications. Applied Physics Letters, 2008, 92, .	3.3	15
34	The specific effect of graphene additives in polyaniline-based nanocomposite layers on performance characteristics of electroluminescent and photovoltaic devices. High Energy Chemistry, 2016, 50, 134-138.	0.9	15
35	Synthesis of Zn(II) porphyrin dyes and revealing an influence of their alkyl substituents on performance of dye-sensitized solar cells. Synthetic Metals, 2020, 269, 116567.	3.9	14
36	Benzo[b]selenophene/thieno[3,2-b]indole-Based N,S,Se-Heteroacenes for Hole-Transporting Layers. ACS Omega, 2020, 5, 9377-9383.	3.5	14

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37	Dibenzo[f,h]furazano[3,4-b]quinoxalines: Synthesis by Intramolecular Cyclization through Direct Transition Metal-Free C-H Functionalization and Electrochemical, Photophysical, and Charge Mobility Characterization. ACS Omega, 2020, 5, 8200-8210.	3.5	13
38	Interfacial self-assembly of porphyrin-based SURMOF/graphene oxide hybrids with tunable pore size: An approach toward size-selective ambivalent heterogeneous photocatalysts. Applied Surface Science, 2022, 579, 152080.	6.1	13
39	On the efficiency limit of ZnO/CH ₃ NH ₃ PbI ₃ /CuI perovskite solar cells. Physical Chemistry Chemical Physics, 2017, 19, 19916-19921.	2.8	12
40	Synthesis of polymers and modification of polymeric materials in electromagnetic fields. Russian Chemical Reviews, 2018, 87, 923-949.	6.5	12
41	Pyrimidine-Based Push-Pull Systems with a New Anchoring Amide Group for Dye-Sensitized Solar Cells. Electronic Materials, 2021, 2, 142-153.	1.9	12
42	The Effect of Phosphorylated-Substituted Porphyrins on Mobility of Charge Carriers in P3HT Polymer Photoconductor. Protection of Metals and Physical Chemistry of Surfaces, 2018, 54, 1076-1080.	1.1	10
43	Charge carrier transport in polyimides based on 9,10-bis(p-aminophenyl)anthracene. Polymer International, 1998, 47, 198-202.	3.1	9
44	Structural control over conductivity and conduction type in thin films of polyphenylquinones. Semiconductors, 2012, 46, 491-495.	0.5	9
45	Copper(II) meso-Tetraphenyl- and meso-Tetrafluorenyl Porphyrinates as Charge Carrier Transporting and Electroluminescent Compounds. ACS Omega, 2022, 7, 8613-8622.	3.5	9
46	Spectroscopic study of polyphenylquinolines materials with efficient intramolecular charge transfer. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2013, 114, 737-750.	0.6	8
47	Comparative Characterization of Relaxed Organic-Inorganic Hybrid Perovskite Structures Using Molecular Dynamic Simulation and X-ray Diffraction Data. High Energy Chemistry, 2018, 52, 433-439.	0.9	8
48	Preparation and Characterization of a Flexible rGO-PTFE Film for a Supercapacitor Current Collector. Langmuir, 2020, 36, 8680-8686.	3.5	8
49	A common optical approach to thickness optimization in polymer and perovskite solar cells. Scientific Reports, 2021, 11, 5005.	3.3	8
50	Drift Mobility of Electrons in Pyrazoline-Containing Copolymers. Russian Journal of Electrochemistry, 2004, 40, 359-363.	0.9	7
51	Electrophysical properties of poly(N-vinylcarbazole)-carbon nanotubes composite films. Polymer Science - Series A, 2009, 51, 182-186.	1.0	7
52	Photoelectric and electrical properties of soluble polyphenylquinolines containing an oxygen or phenylamine bridge group between quinoline moieties. Semiconductors, 2009, 43, 359-364.	0.5	7
53	Mechanism of enhanced mobility and conductivity at donor-acceptor organic interfaces. Organic Electronics, 2011, 12, 589-594.	2.6	7
54	Effect of surface ligands on the performance of organic light-emitting diodes containing quantum dots. Proceedings of SPIE, 2014, , .	0.8	7

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55	Radiation-Induced Transient Currents in Films of Poly(arylene ether ketone) Including Phthalide Moiety. <i>Polymers</i> , 2020, 12, 13.	4.5	7
56	Towards efficient terbium-based solution-processed OLEDs: Hole mobility increase by the ligand design. <i>Journal of Alloys and Compounds</i> , 2021, 887, 161319.	5.5	7
57	12D•quinoxaline[2,3-b]phenoxazines: Synthesis, optical, electrochemical properties and insight into photovoltaic application. <i>Dyes and Pigments</i> , 2022, 197, 109848.	3.7	7
58	Interfacial self-assembly of ultrathin polydiacetylene/graphene oxide nanocomposites: A new method for synergetic enhancement of surface charge transfer without doping. <i>Colloids and Interface Science Communications</i> , 2022, 46, 100575.	4.1	7
59	Influence of transport site alignment on electron and hole mobilities in polymer films. <i>Chemical Physics Letters</i> , 1998, 294, 605-610.	2.6	6
60	Charge carrier transport in aromatic polyimides and polyimide/l-aggregate composites. , 2001, , .		6
61	The mechanism of metal conductivity over the interface between organic insulators. <i>Semiconductors</i> , 2010, 44, 211-217.	0.5	6
62	Synthesis and electrooptical properties of triphenylamine- and oxadiazole-containing polymers. <i>Polymer Science - Series B</i> , 2011, 53, 16-25.	0.8	6
63	Effect of interface in bilayer polydiphenylenephthalide film on electron transport. <i>Russian Journal of Electrochemistry</i> , 2012, 48, 316-319.	0.9	6
64	Synthesis and properties of new Ï€-conjugated imidazole/carbazole structures. <i>Dyes and Pigments</i> , 2017, 141, 512-520.	3.7	6
65	Ultrathin Polydiacetylene-Based Synergetic Composites with Plasmon-Enhanced Photoelectric Properties. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43838-43845.	8.0	6
66	Donorâ€“acceptor (E)-2-[2-(2,2â€“bithiophen-5-yl)vinyl]benzo[d]thiazole: synthesis, optical, electrochemical studies and charge transport characteristics. <i>Mendeleev Communications</i> , 2019, 29, 567-569.	1.6	6
67	Ink-Jet Printing of Polyaniline Layers for Perovskite Solar Cells. <i>Technical Physics Letters</i> , 2019, 45, 858-861.	0.7	6
68	Formation of a Two-Phase Structure in CH ₃ NH ₃ PbI ₃ Organometallic Perovskite. <i>Semiconductors</i> , 2020, 54, 654-657.	0.5	6
69	Action of Mechanical Forces on Polymerization and Polymers. <i>Polymers</i> , 2022, 14, 604.	4.5	6
70	A study of hole mobility in diaryldiacetylenes. <i>Synthetic Metals</i> , 1996, 78, 79-83.	3.9	5
71	The conduction switching effect in thin polymer layers. <i>Polymer Science - Series B</i> , 2008, 50, 305-309.	0.8	5
72	Charge Carrier Mobility in Films of Carbon-Nanotube-Polymer Composites. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 497, 1/[333]-6/[338].	0.9	5

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73	Mechanism of metallic conductivity at the interface of organic dielectrics. Technical Physics Letters, 2009, 35, 823-826.	0.7	5
74	Copolymers of carbazole- and indolocarbazole-containing phenylquinolines as new materials for electroluminescent devices. Semiconductors, 2013, 47, 1058-1067.	0.5	5
75	Sensitization of the photoelectric effect in carbazole- and indolocarbazole-containing poly(phenylquinoline)s by benzothiadiazole acceptor molecules. Semiconductors, 2014, 48, 1481-1484.	0.5	5
76	Gaussian approximation of the spectral dependence of the absorption spectrum in polymer semiconductors. Semiconductors, 2016, 50, 482-486.	0.5	5
77	The photovoltaic effect and charge carrier mobility in layered compositions of bithiophene or related rotaxane copolymer with C70 fullerene derivative. Technical Physics Letters, 2017, 43, 173-176.	0.7	5
78	Influence of the surface ligand molecules length on the optical properties and photoconductivity of PbS quantum dot condensates. Technical Physics Letters, 2017, 43, 879-881.	0.7	5
79	Water-processable nanocomposite based on polyaniline and 2D molybdenum disulfide for NIR-transparent ambipolar transport layers. Chemical Papers, 2018, 72, 1741-1752.	2.2	5
80	New push-pull systems based on indolo[3,2-b]carbazole and 1,2,4,5-tetrazine: synthesis, photophysical, and charge transport properties. Russian Chemical Bulletin, 2021, 70, 1109-1117.	1.5	5
81	Ion-Driven Self-Assembly of Lanthanide Bis-phthalocyaninates into Conductive Quasi-MOF Nanowires: an Approach toward Easily Recyclable Organic Electronics. Inorganic Chemistry, 2021, 60, 15509-15518.	4.0	5
82	A new 2-methylimidazole-assisted liquid-exfoliation method for a rapid scalable fabrication of chemically pure MoS2 nanosheets. Colloids and Interface Science Communications, 2022, 47, 100604.	4.1	5
83	New Unsymmetrically Substituted Benzothiadiazole-Based Luminophores: Synthesis, Optical, Electrochemical Studies, Charge Transport, and Electroluminescent Characteristics. Molecules, 2021, 26, 7596.	3.8	5
84	Infrared Electroluminescence in Polymer Composites Based on Organic Nanocrystals. Russian Journal of Electrochemistry, 2004, 40, 245-248.	0.9	4
85	Polymeric Semiconductors with a Pre-Specified Alternation of Conjugated Bonds and Metal Clusters. Macromolecular Rapid Communications, 2004, 25, 628-631.	3.9	4
86	The influence of the atmosphere on hole transport in poly(diphenylenephthalide) films. Technical Physics Letters, 2013, 39, 20-22.	0.7	4
87	Electrically Conductive Inks Based on Polymer Composition for Inkjet Printing. Inorganic Materials: Applied Research, 2018, 9, 147-150.	0.5	4
88	Study and Development of Photovoltaic Structures Based on Quantum Dot Solids of PbS with Various Ligands. Technical Physics Letters, 2018, 44, 1010-1012.	0.7	4
89	A Water-Soluble Polyaniline Complex for Ink-Jet Printing of Optoelectronic Devices. Technical Physics Letters, 2018, 44, 239-242.	0.7	4
90	New π -conjugated thieno[3,2-b]indole derivatives and charge carrier mobility in their thin films. Russian Chemical Bulletin, 2019, 68, 1204-1207.	1.5	4

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91	A new greenâ€œtransmissive polymer with electroactive poly(3,4-ethylenedioxythiophene):poly(styrene) Tj ETQq1 1 0.784314 r3B Polymer Science, 2020, 58, 937-947.	3.8	4
92	The Influence of Pendent Anions on Electrochemical and Electrochromic Properties of Thiophene-Triphenylamine-Based Polymeric Ionic Liquids. Journal of the Electrochemical Society, 2020, 167, 066506.	2.9	4
93	PbS Quantum Dots with Inorganic Ligands: Physical Modeling of the Charge and Excitation Transport in Photovoltaic Cells. Journal of Physical Chemistry C, 2021, 125, 6020-6025.	3.1	4
94	Effect of the heat treatment of CH ₃ NH ₃ PbI ₃ perovskite on its electrical and photoelectric properties. Mendelev Communications, 2021, 31, 469-470.	1.6	4
95	Hole transporting electrodeposited PEDOTâ€“polyelectrolyte layers for perovskite solar cells. Mendelev Communications, 2021, 31, 454-455.	1.6	4
96	The effect of PbS quantum dots on molecular dynamics and conductivity of PTB7:PC71BM bulk heterojunction as revealed by dielectric spectroscopy. Physical Chemistry Chemical Physics, 2022, 24, 9589-9596.	2.8	4
97	Bimolecular recombination of charge carriers in pure and molecularly doped branched polyphenylenevinylenes. Polymer Science - Series A, 2013, 55, 778-783.	1.0	3
98	The Effect of a Nanosize TiO _x Layer on the Performance of an Organic Solar Cell. Protection of Metals and Physical Chemistry of Surfaces, 2016, 52, 232-237.	1.1	3
99	Modification of the carrier mobility of conducting PF-EP polymer by formation of their composites with thiophene derivatives. Organic Electronics, 2020, 78, 105586.	2.6	3
100	A simple approach for determination of density of states distribution in an organic photoconductor. Organic Electronics, 2020, 86, 105889.	2.6	3
101	Extended UV detection bandwidth: h-BN/Al powder nanocomposites photodetectors sensitive in a middle UV region due to localized surface plasmon resonance effect. Europhysics Letters, 2021, 133, 28002.	2.0	3
102	Photoelectric properties of polyphenylene sulphide. Polymer Science USSR, 1987, 29, 2400-2411.	0.2	2
103	Comparison of equilibrium and nonequilibrium charge carrier mobilities in polycrystalline synthetic diamond and amorphous diamond-like carbon films. Semiconductors, 1997, 31, 980-982.	0.5	2
104	Charge mobility in N-picrylarylamine doped polycarbonate. Synthetic Metals, 2001, 121, 1423-1424.	3.9	2
105	Bistable electronic switching in poly(arylenephthalides). Technical Physics Letters, 2008, 34, 475-478.	0.7	2
106	Initial Rise of Transient Electroluminescence in Organic Films. Molecular Crystals and Liquid Crystals, 2008, 496, 107-117.	0.9	2
107	Hybrid bulk heterojunction solar cells based on low band gap polymers and CdSe nanocrystals. Proceedings of SPIE, 2014, , .	0.8	2
108	Complexes of poly-3,4-ethylenedioxythiophene with polymeric sulfonic acids of different structures: Synthesis and optical and electric properties. Protection of Metals and Physical Chemistry of Surfaces, 2015, 51, 390-395.	1.1	2

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109	A heterojunction photovoltaic cell based on a mixture of silane copolymer with C70 fullerene derivative. Technical Physics Letters, 2016, 42, 23-26.	0.7	2
110	Molecular dynamics study of perovskite structures with modified interatomic interaction potentials. High Energy Chemistry, 2016, 50, 400-405.	0.9	2
111	Ionic polymerization in an electric field and consequences of the spatial redistribution of growing macroions and counterions. Bulletin of the Russian Academy of Sciences: Physics, 2016, 80, 1131-1133.	0.6	2
112	Conductivity and Density of States of New Polyphenylquinoline. Polymers, 2019, 11, 934.	4.5	2
113	Perovskite Photovoltaic Cell with Hole Transport Layer Based on a Polyaniline Complex. Technical Physics Letters, 2019, 45, 794-796.	0.7	2
114	Features of the Temperature Dependences of the Photoconductivity of Organometallic CH ₃ NH ₃ PbI ₃ Perovskite Films. Semiconductors, 2019, 53, 1597-1602.	0.5	2
115	Optimizing the Thickness of Functional Layers of Polymer Solar Cells: Modeling and Experiment. Protection of Metals and Physical Chemistry of Surfaces, 2021, 57, 753-759.	1.1	2
116	Transient electroluminescence and anomalous dispersion of charge carriers in thin polymer films. Physics of the Solid State, 2009, 51, 1954-1960.	0.6	1
117	Estimation of the concentration of deep traps in organic photoconductors using two-photon absorption. Proceedings of SPIE, 2010, , .	0.8	1
118	Determining the optical absorption edge in organic semiconductor composites with a bulk heterojunction by the constant photocurrent method. Technical Physics Letters, 2014, 40, 735-738.	0.7	1
119	Multifunctional nanostructured photochromic photoswitches. , 2015, , .		1
120	Role of benzothiadiazole substituents in white electroluminescent single macromolecules of fluorene-based copolymers. Mendelevov Communications, 2020, 30, 165-167.	1.6	1
121	Electrodeposited polyaniline/Cu ₂ ZnSnSe ₄ heterojunction. Journal of Solid State Electrochemistry, 2021, 25, 237-245.	2.5	1
122	PbS quantum dot solids and quantum dot size gradient layers for photovoltaics. , 2018, , .		1
123	Electrophysical and Photoelectric Properties of Poly-3-Hexylthiophene Modified with Silicon Nanoparticles. Nanotechnologies in Russia, 2020, 15, 770-777.	0.7	1
124	<title>Electron and hole transport in N-picrylarylamine-doped polycarbonate</title>. , 2000, 4110, 345.		0
125	Charge Mobility and Photovoltaic Behavior of MEH-PPV Films Prepared by Various Methods. , 2006, , .		0
126	The influence of light on the conduction switching effect in thin polymer films. Polymer Science - Series B, 2008, 50, 340-344.	0.8	0

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127	Charge transport in polymer compositions including nanocrystals. High Energy Chemistry, 2008, 42, 576-577.	0.9	0
128	Luminescence and photovoltaic effect of multilayer structures based on CdSe and CdSe/ZnS nanoparticles embedded into organic semiconductors. Proceedings of SPIE, 2009, , .	0.8	0
129	Mechanism of the metal-type conduction in organic nanostructures. Russian Physics Journal, 2009, 52, 1144-1152.	0.4	0
130	Non-Equilibrium Charge Transport in Disordered Organic Films. , 0, , .		0
131	Near-field mapping of spectroelectrochemical properties of polyaniline. Proceedings of SPIE, 2010, , .	0.8	0
132	Enhanced Charge Mobility in Polymer Nanocomposites Incorporating Donor–Acceptor Interfaces. Japanese Journal of Applied Physics, 2011, 50, 01BJ19.	1.5	0
133	Transient electroluminescence in a single-layer polymer LED. Journal of Optical Technology (A) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.4	0
134	Luminescence-kinetic spectroscopy of compound complexes of polyphenylquinolines. Semiconductors, 2015, 49, 959-961.	0.5	0
135	Electronic processes at the interfaces between photoactive layers and TiO ₂ x buffer layers in organic solar cells. Bulletin of the Russian Academy of Sciences: Physics, 2016, 80, 1144-1146.	0.6	0
136	Impedance Spectroscopy of Polyaniline Films Modified by Carbon Particles. Journal of Russian Laser Research, 2019, 40, 249-254.	0.6	0
137	Analytic Modeling of the of <i>V</i> Characteristics of Quantum Dot-Based Photovoltaic Cells. International Journal of Nanoscience, 2019, 18, 1940083.	0.7	0
138	Formation and optical properties of hybrid organic-inorganic MAPbI ₃ perovskite films. IOP Conference Series: Materials Science and Engineering, 2019, 498, 012012.	0.6	0
139	Formation and study of PbS quantum dot films with different ligands. IOP Conference Series: Materials Science and Engineering, 2019, 475, 012025.	0.6	0
140	Influence of the length of organic molecules of ligands on the PbS QD solids optical properties. IOP Conference Series: Materials Science and Engineering, 2019, 475, 012012.	0.6	0
141	Arranging Nanoparticles in Organic Layers for the Enhancement of Photoconductivity. , 2020, , .		0
142	Photovoltaic Properties of Thin Films Based on a Composite of PbS Quantum Dots and a Fullerene Derivative: A Complex Ester of Butyric Acid. Bulletin of the Russian Academy of Sciences: Physics, 2020, 84, 505-507.	0.6	0
143	Influence of the surface ligands on the optical and electrical properties of PbS QD solids. , 2018, , .		0