

Andrey F Mironov

List of Publications by Year in descending order

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87
papers

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361296

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434063

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92
all docs

92
docs citations

92
times ranked

968
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorescent polymer films for optical oxygen sensors. <i>Biosensors and Bioelectronics</i> , 1992, 7, 199-206.	5.3	97
2	Bacteriochlorophyll a and Its Derivatives: Chemistry and Perspectives for Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2008, 8, 683-697.	0.9	67
3	Targeting Cancer Cells by Novel Engineered Modular Transporters. <i>Cancer Research</i> , 2006, 66, 10534-10540.	0.4	62
4	Recombinant modular transporters for cell-specific nuclear delivery of locally acting drugs enhance photosensitizer activity. <i>FASEB Journal</i> , 2003, 17, 1121-1123.	0.2	57
5	Novel types of boronated chlorin <i>e</i> ₆ conjugates via "click chemistry"™. <i>Applied Organometallic Chemistry</i> , 2009, 23, 370-374.	1.7	45
6	Cobalt bis(dicarbollide) versus closo-dodecaborate in boronated chlorin <i>e</i> ₆ conjugates: implications for photodynamic and boron-neutron capture therapy. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 645-652.	1.6	41
7	Chlorin <i>e</i> ₆ fused with a cobalt-bis(dicarbollide) nanoparticle provides efficient boron delivery and photoinduced cytotoxicity in cancer cells. <i>Photochemical and Photobiological Sciences</i> , 2013, 13, 92-102.	1.6	38
8	Synthesis and study of chlorin and porphyrin dimers with ether linkage. <i>Tetrahedron</i> , 1992, 48, 6485-6494.	1.0	35
9	The role of a Lewis acid in the Nenitzescu indole synthesis. <i>Tetrahedron Letters</i> , 2008, 49, 7106-7109.	0.7	34
10	Synthesis of a cycloimide bacteriochlorin <i>p</i> conjugate with the closo-dodecaborate anion. <i>Mendeleev Communications</i> , 2007, 17, 14-15.	0.6	33
11	New conjugates of cobalt bis(dicarbollide) with chlorophyll <i>a</i> derivatives. <i>Mendeleev Communications</i> , 2011, 21, 84-86.	0.6	31
12	Synthesis of chlorin "carbohydrate conjugates by "click chemistry"™. <i>Mendeleev Communications</i> , 2008, 18, 135-137.	0.6	30
13	Nanohybrid for Photodynamic Therapy and Fluorescence Imaging Tracking without Therapy. <i>Chemistry of Materials</i> , 2018, 30, 3677-3682.	3.2	30
14	Synthesis of chlorin and bacteriochlorin conjugates for photodynamic and boron neutron capture therapy. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008, 12, 1163-1172.	0.4	27
15	Cycloimide bacteriochlorin <i>p</i> derivatives: Photodynamic properties and cellular and tissue distribution. <i>Free Radical Biology and Medicine</i> , 2006, 40, 407-419.	1.3	26
16	New bacteriochlorin derivatives with a fused N-aminoimide ring. <i>Journal of Porphyrins and Phthalocyanines</i> , 2003, 07, 725-730.	0.4	25
17	1,3-dipolar cycloaddition in the synthesis of glycoconjugates of natural chlorins and bacteriochlorins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 336-345.	0.4	25
18	13,15-N-Cycloimide derivatives of chlorin <i>p</i> ₆ with isonicotinyl substituent are photosensitizers targeted to lysosomes. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 1184-1196.	1.6	23

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19	Tissue distribution and in vivo photosensitizing activity of 13,15-[N-(3-hydroxypropyl)]cycloimide chlorin p6 and 13,15-(N-methoxy)cycloimide chlorin p6 methyl ester. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006, 82, 28-36.	1.7	21
20	Synthesis, cytotoxicity and antiviral activity studies of the conjugates of cobalt bis(1,2-dicarbollide)(-I) with 5-ethynyl-2'-deoxyuridine and its cyclic derivatives. <i>Tetrahedron</i> , 2014, 70, 5704-5710.	1.0	21
21	Spectroscopical study of bacteriopurpurinimide-naphthalimide conjugates for fluorescent diagnostics and photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 133, 140-144.	1.7	19
22	A novel bacteriochlorin-styrylnaphthalimide conjugate for simultaneous photodynamic therapy and fluorescence imaging. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 30195-30206.	1.3	19
23	Synthesis of New Bioinorganic Systems Based on Nitrilium Derivatives of closo-Decaborate Anion and meso-Arylporphyrins with Pendant Amino Groups. <i>Macroheterocycles</i> , 2017, 10, 505-509.	0.9	18
24	Synthesis of cationic bacteriochlorins. <i>Mendeleev Communications</i> , 2004, 14, 204-207.	0.6	17
25	Novel bacteriochlorophyll-based photosensitizers and their photodynamic activity. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 129-138.	0.4	13
26	Synthesis and reactivity of propionitrilium derivatives of cobalt and iron bis(dicarbollides). <i>New Journal of Chemistry</i> , 2020, 44, 15836-15848.	1.4	13
27	Improved Method of 5,10,15,20-Tetrakis(4-hydroxyphenyl)porphyrins Synthesis. <i>Macroheterocycles</i> , 2013, 6, 59-61.	0.9	13
28	Synthesis of Cationic Derivatives of Chlorin μ 6. <i>Macroheterocycles</i> , 2014, 7, 414-416.	0.9	13
29	Synthesis and properties of the Zn-chlorin-bacteriochlorin dimer. <i>Mendeleev Communications</i> , 2007, 17, 209-211.	0.6	12
30	"Click chemistry" in the synthesis of the first glycoconjugates of bacteriochlorin series. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 1094-1109.	0.4	12
31	Synthesis and Investigation of Photophysical and Biological Properties of Novel <i>S</i> -Containing Bacteriopurpurinimides. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 10220-10230.	2.9	12
32	Synthesis of chlorophyll a glycoconjugates using olefin cross-metathesis. <i>Mendeleev Communications</i> , 2012, 22, 157-158.	0.6	11
33	Amino acid derivatives of natural chlorins as a platform for the creation of targeted photosensitizers in oncology. <i>Fine Chemical Technologies</i> , 2021, 15, 16-33.	0.1	11
34	New Derivatives of Bacteriopurpurin with Thiolated Au (I) Complexes: Dual Dark and Light Activated Antitumor Potency. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 49-58.	0.9	11
35	Pharmacokinetics of Chlorin e6-Cobalt Bis(Dicarbollide) Conjugate in Balb/c Mice with Engrafted Carcinoma. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2556.	1.8	10
36	Natural chlorins as a promising platform for creating targeted theranostics in oncology. <i>Mendeleev Communications</i> , 2020, 30, 406-418.	0.6	10

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37	Approaches to Improve Efficiency of Dye-Sensitized Solar Cells. <i>Macroheterocycles</i> , 2016, 9, 337-352.	0.9	10
38	Synthesis of Amphiphilic meso-ArylPorphyrins in Organic Solvents and Aqueous Micellar Medium. <i>Macroheterocycles</i> , 2011, 4, 116-121.	0.9	10
39	Covalent-bound Conjugates of Fullerene C60 and Metal Complexes of Porphyrins with Long-chain Substituents. <i>Mendeleev Communications</i> , 2012, 22, 257-259.	0.6	9
40	Synthesis and Liquid-crystal Properties of New Amphiphilic Long-chain Derivatives of Meso-arylporphyrins with Terminal Polar Groups. <i>Mendeleev Communications</i> , 2012, 22, 278-280.	0.6	9
41	Bacteriochlorin-containing triad: Structure and photophysical properties. <i>Dyes and Pigments</i> , 2015, 121, 21-29.	2.0	9
42	Synthesis of PSMA-targeted 13 ¹ - and 15 ² -substituted chlorin e ₆ derivatives and their biological properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 1030-1038.	0.4	9
43	Effect of linker length on the spectroscopic properties of bacteriochlorin â€“ 1,8-naphthalimide conjugates for fluorescence-guided photodynamic therapy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 390, 112338.	2.0	9
44	Synthesis and properties of meso-arylporphyrin â€“ closo-decaborate anion conjugates. <i>Macroheterocycles</i> , 2014, 7, 394-400.	0.9	9
45	Boron-Containing Conjugates of Natural Chlorophylls. <i>Macroheterocycles</i> , 2010, 3, 222-227.	0.9	9
46	Synthesis and mesomorphism of tetraphenylporphyrin derivatives. <i>Mendeleev Communications</i> , 2008, 18, 324-326.	0.6	8
47	Novel Cationic Meso-Arylporphyrins and Their Antiviral Activity against HSV-1. <i>Pharmaceuticals</i> , 2021, 14, 242.	1.7	8
48	Photodiagnosis and photodynamic effects of bacteriochlorin-naphthalimide conjugates on tumor cells and mouse model. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 223, 112294.	1.7	8
49	Bacteriochlorophyll a Derivatives with Sulfur-Containing Amino Acids as Promising Photosensitizers for Cancer PDT. <i>Macroheterocycles</i> , 2018, 11, 89-94.	0.9	8
50	Incorporation of hydrophobic chlorin photosensitizers into a liposome membrane. <i>Mendeleev Communications</i> , 2017, 27, 50-52.	0.6	7
51	Inverse electron demand Dielsâ€“Alder reaction as a novel method for functionalization of natural chlorins. <i>Mendeleev Communications</i> , 2019, 29, 206-208.	0.6	7
52	Conjugate of chlorin <i>Îµ</i> ₆ with iron bis(dicarbollide) nanocluster: synthesis and biological properties. <i>Future Medicinal Chemistry</i> , 2020, 12, 1015-1023.	1.1	7
53	Noncovalent assemblies of CdSe semiconductor quantum dots and an amphiphilic long-chain meso-arylporphyrin. <i>Mendeleev Communications</i> , 2014, 24, 247-249.	0.6	6
54	Synthesis and properties of Cu- and Pd-complexes of cyclen conjugates with pheophorbide and bacteriopheophorbide. <i>Fine Chemical Technologies</i> , 2020, 14, 95-103.	0.1	6

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55	New Pegylated Unsymmetrical meso-Arylporphyrins as Potential Photosensitizers. <i>Macroheterocycles</i> , 2016, 9, 169-174.	0.9	6
56	Synthesis of glycoconjugated chlorin p6 cycloimide. <i>Mendeleev Communications</i> , 2007, 17, 212-213.	0.6	5
57	Conjugates of natural chlorins with cyclen as chelators of transition metals. <i>Mendeleev Communications</i> , 2017, 27, 338-340.	0.6	5
58	Synthesis of new binary porphyrin-cyanine conjugates and their self-aggregation in organic-aqueous media. <i>Mendeleev Communications</i> , 2018, 28, 626-628.	0.6	5
59	Photophysical properties and photodynamic activity of 13,15-N-methoxy-cycloimide chlorin p6 methyl ester in micellar surfactant solutions. <i>Mendeleev Communications</i> , 2018, 28, 589-591.	0.6	5
60	Synthesis and mesomorphism of cationic derivatives of meso-aryl-substituted porphyrins and their metal complexes. <i>Mendeleev Communications</i> , 2010, 20, 239-241.	0.6	4
61	Low toxic ytterbium complexes of 2,4-dimethoxyhematoporphyrin IX for luminescence diagnostics of tumors. <i>Photonics & Lasers in Medicine</i> , 2013, 2, .	0.3	4
62	Synthesis of donor-acceptor systems based on the derivatives of chlorophyll a and [60]fullerene. <i>Mendeleev Communications</i> , 2015, 25, 32-33.	0.6	4
63	Alkylation of Chlorin p6 N-hydroxycycloimide with the use of 1,8-diazabicyclo[5.4.0]undec-7-ene. <i>Mendeleev Communications</i> , 2015, 25, 117-118.	0.6	4
64	Nanoparticles Based on Lexan Polymer Matrix and the Ytterbium Complex of Porphyrin: Synthesis, Spectral-Luminescence Properties and Prospects of Using for Neoplasm Diagnostics. <i>Macroheterocycles</i> , 2015, 8, 50-55.	0.9	4
65	Synthesis of Hydroxy Derivatives of Chlorin e6. <i>Macroheterocycles</i> , 2017, 10, 81-83.	0.9	4
66	Tin Carboxylate Complexes of Natural Bacteriochlorin for Combined Photodynamic and Chemotherapy of Cancer Å. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13563.	1.8	4
67	Synthesis of phosphorus-containing natural chlorins. <i>Mendeleev Communications</i> , 2010, 20, 135-136.	0.6	3
68	Synthesis of donor-acceptor porphyrins for DSSC: DFT-study, comparison of anchoring mode and effectiveness. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 538-547.	0.4	3
69	Synthesis of Chlorin-Fullerene Conjugate. <i>Macroheterocycles</i> , 2014, 7, 196-198.	0.9	3
70	XPS Studies of Asymmetrical Tetraarylporphyrins and Their Ytterbium Complexes. <i>Macroheterocycles</i> , 2015, 8, 252-258.	0.9	3
71	Synthesis of Conjugates Based on Fullerene C60 and meso-Tetraphenylporphyrins with Long Chain Substituents. <i>Macroheterocycles</i> , 2011, 4, 130-131.	0.9	3
72	<title>Recombinant modular transporters on the basis of epidermal growth factor for targeted intracellular delivery of photosensitizers</title>. , 2005, , .		2

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73	Synthesis of 5,10,15,20-tetra[6'-nitro-1,3,3-trimethylspiro-(indolino-2,2'-2H-chromen-5-yl)]porphyrin and its metal complexes. <i>Mendeleev Communications</i> , 2013, 23, 199-201.	0.6	2
74	A new cyclic thioanhydride derived from chlorophyll a and its aurophilic properties. <i>Dyes and Pigments</i> , 2021, 184, 108858.	2.0	2
75	Synthesis and Mesogenic Properties of Lipophilic and Amphiphilic Tetraphenylporphyrins. <i>Macroheterocycles</i> , 2009, 2, 228-236.	0.9	2
76	The First Selenoanhydride in the Series of Chlorophyll a Derivatives, Its Stability and Photoinduced Cytotoxicity. <i>Molecules</i> , 2021, 26, 7298.	1.7	2
77	Highly Purified Conjugates of Natural Chlorin with Cobalt Bis(dicarbollide) Nanoclusters for PDT and BNCT Therapy of Cancer. <i>Bioengineering</i> , 2022, 9, 5.	1.6	2
78	New efficient near-IR photosensitizer based on bacteriochlorin p N-methoxycycloimide oxyme methyl ester. <i>Proceedings of SPIE</i> , 2007, , .	0.8	1
79	Photodynamic antibacterial action of guanidine and biguanidine derivatives of chlorin e6. <i>Microscopy and Microanalysis</i> , 2021, 27, 554-556.	0.2	1
80	Synthesis and Spectral Characteristic of Ytterbium Complexes with Asymmetric Tetraarylporphyrins. <i>Macroheterocycles</i> , 2011, 4, 122-123.	0.9	1
81	Synthesis of Novel Fullerene-Porphyrin Conjugates for the Formation of Langmuir Monolayers. <i>Macroheterocycles</i> , 2012, 5, 333-337.	0.9	1
82	Synthesis of Cationic Bacteriochlorins.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
83	New near-infrared photosensitizers based on bacteriochlorin p derivatives: preliminary results of in vivo investigations. , 2007, , .		0
84	Novel Alkoxyaryl Substituted Porphyrins with Terminal Carboxymethyl and Carboxy Groups: Synthesis and Mesomorphic Properties. <i>Macroheterocycles</i> , 2011, 4, 127-129.	0.9	0
85	Synthesis and Properties of meso-Tetraphenylporphyrins with Sulfhydryl Groups. <i>Macroheterocycles</i> , 2015, 8, 239-243.	0.9	0
86	Natural Chlorins Octadecylamides - Upconversion Nanoparticles Complexes for the Study of Energy Transfer Process. <i>Macroheterocycles</i> , 2016, 9, 361-365.	0.9	0
87	Photosensitizers Based on Bacteriopurpurinimide Derivatives and Silica Nanoparticles: Synthesis and Photophysical Properties. <i>Macroheterocycles</i> , 2017, 10, 273-278.	0.9	0