Yu G Gorbunova

List of Publications by Year
in descending order

221	3,474	136950 32	265206 42
papers	citations	h-index	g-index

225	225	225	2079
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Octopusâ€Type Crownâ€Bisphthalocyaninate Anchor for Bottomâ€Up Assembly of Supramolecular Bilayers with Expanded Redoxâ€Switching Capability. Small, 2022, 18, e2104306.	10.0	3
2	Porous porphyrin-based metal-organic frameworks: synthesis, structure, sorption properties and application prospects. Russian Chemical Reviews, 2022, 91, .	6.5	12
3	Low-Symmetry Phthalocyanines Bearing Carboxy-Groups: Synthesis, Spectroscopic and Quantum-Chemical Characterization. Molecules, 2022, 27, 524.	3.8	1
4	Interface Asymmetry Induced and Surface Pressure Controlled Valence Tautomerism in Monolayers of bis-Phthalocyaninates of Lanthanides. Symmetry, 2022, 14, 340.	2.2	4
5	Metal-organic frameworks as the basis for new-generation functional materials. Russian Chemical Reviews, 2022, 91, .	6.5	8
6	Exploring replacement of axially coordinated ligands in ruthenium(II) phthalocyaninates. Polyhedron, 2022, 220, 115821.	2.2	3
7	An approach towards modification of UiO-type MOFs with phosphonate-substituted porphyrins. Polyhedron, 2022, 219, 115794.	2.2	3
8	1H NMR spectral analysis of structural features in a series of paramagnetic homoleptic binuclear triple-decker phthalocyaninato lanthanide complexes. Polyhedron, 2022, 219, 115792.	2.2	5
9	Nuclear magnetic resonance thermosensing properties of holmium(III) and thulium(III) tris(tetra-15-crown-5-phthalocyaninato) complexes. Journal of Porphyrins and Phthalocyanines, 2022, 26, 334-339.	0.8	4
10	METAL-ORGANIC FRAMEWORKS IN RUSSIA: FROM THE SYNTHESIS AND STRUCTURE TO FUNCTIONAL PROPERTIES AND MATERIALS. Journal of Structural Chemistry, 2022, 63, 671-843.	1.0	35
11	STRUCTURAL FEATURES OF HYDROGEN- BONDED ORGANIC FRAMEWORKS BASED ON NICKEL(II) 5,10,15,20-TETRAKIS(4- PHOSPHONATOPHENYL)PORPHYRINATE. Journal of Structural Chemistry, 2022, 63, 874-884.	1.0	1
12	Diaryl-pyrazinoporphyrins â€“ Prospective photocatalysts for efficient sulfoxidation. Journal of Catalysis, 2022, 413, 342-352.	6.2	4
13	Porphyrinylphosphonateâ€Based Metalâ€“Organic Framework: Tuning Proton Conductivity by Ligand Design. Chemistry - A European Journal, 2021, 27, 1598-1602.	3.3	16
14	Imidazoporphyrins with appended polycyclic aromatic hydrocarbons: To conjugate or not to conjugate?. Dyes and Pigments, 2021, 186, 109042.	3.7	6
15	Selective carbene transfer to amines and olefins catalyzed by ruthenium phthalocyanine complexes with donor substituents. Dalton Transactions, 2021, 50, 2023-2031.	3.3	8
16	Unusual Cyan-Purple Electrochromism of Sandwich Phthalocyaninates Observed on the Example of Âμ-Carbido Diruthenium(IV) Complex. Macroheterocycles, 2021, 14, 51-58.	0.5	3
17	Proton conductivity as a function of the metal center in porphyrinylphosphonate-based MOFs. Dalton Transactions, 2021, 50, 6549-6560.	3.3	13
18	Benzoannelated A3B-Phthalocyanines with Diethyleneglycol Substituents: Synthesis and Control of Aggregation. Macroheterocycles, 2021, 14, 130-134.	0.5	0

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19	In Memoriam â€“ Brilliant Chemist, Professor Larisa Tomilova. Macroheterocycles, 2021, 14, 8-13.	0.5	0
20	Cation-Induced Dimerization of Crown-Substituted Gallium Phthalocyanine by Complexing with Alkali Metals: The Crucial Role of a Central Metal. Inorganic Chemistry, 2021, 60, 1948-1956.	4.0	5
21	Immobilization of Heterocycle-Appended Porphyrins on UiO-66 and UiO-67 MOFs. Russian Journal of Inorganic Chemistry, 2021, 66, 193-201.	1.3	8
22	NMR Spectroscopyâ€"A Versatile Tool for Studying the Structure and Magnetic Properties of Paramagnetic Lanthanide Complexes in Solutions (Review). Russian Journal of Inorganic Chemistry, 2021, 66, 202-216.	1.3	17
23	Water-soluble multimode fluorescent thermometers based on porphyrins photosensitizers. Materials and Design, 2021, 203, 109613.	7.0	19
24	Heteroleptic Crown-Substituted Tris(phthalocyaninates) as Dynamic Supramolecular Scaffolds with Switchable Rotational States and Tunable Magnetic Properties. Inorganic Chemistry, 2021, 60, 9110-9121.	4.0	9
25	Spin Crossover in Nickel(II) Tetraphenylporphyrinate via Forced Axial Coordination at the Air/Water Interface. Molecules, 2021, 26, 4155.	3.8	5
26	Switchable Aromaticity of Phthalocyanine via Reversible Nucleophilic Aromatic Addition to an Electron-Deficient Phosphorus(V) Complex. Journal of the American Chemical Society, 2021, 143, 14053-14058.	13.7	10
27	Functional supramolecular systems: design and applications. Russian Chemical Reviews, 2021, 90, 895-1107.	6.5	93
28	NMR thermosensing properties on binuclear triple-decker complexes of terbium(III) and dysprosium(III) with 15-crown-5-phthalocyanine. Sensors and Actuators A: Physical, 2021, 331, 112933.	4.1	18
29	Carbene insertion to Nâ€"H bonds of 2-aminothiazole and 2-amino-1,3,4-thiadiazole derivatives catalyzed by iron phthalocyanine. , 2021, , 1198-1207.		0
30	Surfactant-Assisted Lateral Self-Assembly of One-Dimensional Supramolecular Aggregates of Lutetium Double-Decker Phthalocyaninates. Macroheterocycles, 2021, 14, 59-64.	0.5	1
31	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
32	SCIENTIFIC POTENTIAL AS A TOOL FOR RESPONDING TO GLOBAL CHALLENGES. , 2021, , 32-37.		0
33	Photocatalytic activity of pyrazinoporphyrin in the presence of gold nanoparticles and nanoclusters. Russian Chemical Bulletin, 2021, 70, 2100-2109.	1.5	6
34	Heterocycle-appended porphyrins: synthesis and challenges. Coordination Chemistry Reviews, 2020, 407, 213108.	18.8	33
35	Long-Sought Redox Isomerization of the Europium(III/II) Complex Achieved by Molecular Reorientation at the Interface. Langmuir, 2020, 36, 1423-1429.	3.5	15
36	Functionalized heterocycle-appended porphyrins: catalysis matters. RSC Advances, 2020, 10, 42388-42399.	3.6	8

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37	Supramolecular assemblies based on crown- and phosphoryl-substituted phthalocyanines and their metal complexes in microheterogeneous media. Russian Chemical Bulletin, 2020, 69, 1223-1244.	1.5	11
38	Tetra-(benzo-24-crown-8)-phthalocyanines as a platform for supramolecular ensembles: Synthesis and interaction with viologen. Journal of Porphyrins and Phthalocyanines, 2020, 24, 1083-1092.	0.8	0
39	A panchromatic pyrazine-fused porphyrin dimer. Mendeleev Communications, 2020, 30, 162-164.	1.6	9
40	Heterocycle-appended lanthanum(III) sandwich-type (porphyrinato)(phthalocyaninates). Dyes and Pigments, 2020, 181, 108550.	3.7	6
41	Cation-Induced Dimerization of Heteroleptic Crown-Substituted Trisphthalocyaninates as Revealed by X-ray Diffraction and NMR Spectroscopy. Inorganic Chemistry, 2020, 59, 9424-9433.	4.0	16
42	5,8-Disubstituted crown-naphthalonitriles as a platform for highly soluble naphthalocyanines. Dyes and Pigments, 2020, 180, 108484.	3.7	5
43	Specific Features of Cation-Induced Aggregation of Tetracrown-Substituted Aluminum(III) Phthalocyaninates. Russian Journal of Inorganic Chemistry, 2020, 65, 176-184.	1.3	3
44	Optical limiting properties, structure and simplified TD-DFT calculations of scandium tetra-15-crown-5 phthalocyaninates. Journal of Porphyrins and Phthalocyanines, 2020, 24, 589-601.	0.8	12
45	Synthesis, electronic structure and NH-tautomerism of novel mono- and dibenzoannelated phthalocyanines. Dyes and Pigments, 2020, 181, 108564.	3.7	6
46	Phthalocyanine Monolayers Self-Assembled Directly from its Thiobenzoyl Derivative. ECS Journal of Solid State Science and Technology, 2020, 9, 051006.	1.8	5
47	Adsorption and Permeation of Porphyrins through Lipid Membrane. Biophysical Journal, 2020, 118, 78a.	0.5	0
48	Macroheterocyclic Compounds - a Key Building Block in New Functional Materials and Molecular Devices. Macroheterocycles, 2020, 13, 311-467.	0.5	91
49	Hybrid materials based on graphene derivatives and porphyrin metal-organic frameworks. Russian Chemical Reviews, 2019, 88, 775-799.	6.5	26
50	Carbene insertion to Nâ€“H bonds of 2-aminothiazole and 2-amino-1,3,4-thiadiazole derivatives catalyzed by iron phthalocyanine. Journal of Porphyrins and Phthalocyanines, 2019, 23, 497-506.	0.8	3
51	Celebrating the 150th Anniversary of the Periodic Table of Chemical Elements: 5th EuChemS Inorganic Chemistry Conference. European Journal of Inorganic Chemistry, 2019, 2019, 4166-4169.	2.0	1
52	Modulation of transversal conductivity of europium(III) bisphthalocyaninate ultrathin films by peripheral substitution. Thin Solid Films, 2019, 692, 137591.	1.8	12
53	Reverse Arene Sandwich Structures Based upon Ï€â€Holeâ‹…â‹…â‹…[M^{II}] (d⁸â€‰M=Pt, Pd) Interactions, where Positively Charged Metal Centers Play the Role of a Nucleophile. Angewandte Chemie - International Edition, 2019, 58, 4164-4168.	13.8	51
54	Hybrid organicâ€“inorganic supramolecular systems based on a pyridine end-decorated molybdenum(<scp>ii</scp>) halide cluster and zinc(<scp>ii</scp>) porphyrinate. Dalton Transactions, 2019, 48, 1835-1842.	3.3	13

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55	Imidazoporphyrins as supramolecular tectons: synthesis and self-assembly of zinc 2-(4-pyridyl)-1H-imidazo[4,5-b]porphyrinate. CrystEngComm, 2019, 21, 1488-1498.	2.6	14
56	Restriction of the rotational relaxation of a butadiyne-bridged porphyrin dimer in ultrathin films. New Journal of Chemistry, 2019, 43, 11419-11425.	2.8	3
57	Deactivation of singlet oxygen by cerium oxide nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 382, 111925.	3.9	15
58	Platinum(<scp>ii</scp>) and palladium(<scp>ii</scp>) complexes with electron-deficient meso-diethoxyphosphorylporphyrins: synthesis, structure and tuning of photophysical properties by varying peripheral substituents. Dalton Transactions, 2019, 48, 8882-8898.	3.3	9
59	Highly Protonâ€Conductive Zinc Metalâ€Organic Framework Based On Nickel(II) Porphyrinylphosphonate. Chemistry - A European Journal, 2019, 25, 10552-10556.	3.3	28
60	Methodological Survey of Simplified TD-DFT Methods for Fast and Accurate Interpretation of UVâ€“Visâ€“NIR Spectra of Phthalocyanines. ACS Omega, 2019, 4, 7265-7284.	3.5	86
61	Effect of One- and Two-Electron Reduction of Terbium(III) Double-Decker Phthalocyanine on Single-Ion Magnet Behavior and NIR Absorption. Inorganic Chemistry, 2019, 58, 5058-5068.	4.0	21
62	Frontispiz: Reverse Arene Sandwich Structures Based upon Ï€â€Holeâ‹…â‹…â‹…[M^{II}] (d⁸â€‰M=Pt, Pd) Interactions, where Positively Charged Metal Centers Play the Role of a Nucleophile. Angewandte Chemie, 2019, 131, .	2.0	0
63	Electrochemical, Spectroelectrochemical, and Structural Studies of Mono- and Diphosphorylated Zinc Porphyrins and Their Self-Assemblies. Inorganic Chemistry, 2019, 58, 4665-4678.	4.0	10
64	Functional molecular switches involving tetrapyrrolic macrocycles. Coordination Chemistry Reviews, 2019, 387, 325-347.	18.8	71
65	Coordination self-assembly through weak interactions in meso-dialkoxyphosphoryl-substituted zinc porphyrinates. Dalton Transactions, 2019, 48, 5372-5383.	3.3	5
66	Frontispiece: Reverse Arene Sandwich Structures Based upon Ï€â€Holeâ‹…â‹…â‹…[M^{II}] (d⁸â€‰M=Pt, Pd) Interactions, where Positively Charged Metal Centers Play the Role of a Nucleophile. Angewandte Chemie - International Edition, 2019, 58, .	13.8	0
67	Synthesis of (transâ€A₂)BCâ€Type Porphyrins with Acceptor Diethoxyphosphoryl and Various Donor Groups and their Assembling in the Solid State and at Interfaces. European Journal of Organic Chemistry, 2019, 2019, 3146-3162.	2.4	7
68	Reverse Arene Sandwich Structures Based upon Ï€â€Holeâ‹…â‹…â‹…[M^{II}] (d⁸â€‰M=Pt, Pd) Interactions, where Positively Charged Metal Centers Play the Role of a Nucleophile. Angewandte Chemie, 2019, 131, 4208-4212.	2.0	9
69	Exploring the Optimal Synthetic Pathways towards Âµâ€Carbido Diruthenium(IV) Bisphthalocyaninates. European Journal of Inorganic Chemistry, 2019, 2019, 1923-1931.	2.0	14
70	Water-Soluble Chlorin/Arylaminoquinazoline Conjugate for Photodynamic and Targeted Therapy. Journal of Medicinal Chemistry, 2019, 62, 11182-11193.	6.4	38
71	Lipid Membrane Adsorption Determines Photodynamic Efficiency of Î²-Imidazolyl-Substituted Porphyrins. Biomolecules, 2019, 9, 853.	4.0	7
72	Unusual magnetic relaxation behavior of hydrophilic colloids based on gadolinium(III) octabutoxyphthalocyaninate. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	23

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73	Aromatic Nucleophilic Substitution as a Side Process in the Synthesis of Alkoxy- and Crown-Substituted (Na)phthalocyanines. Macroheterocycles, 2019, 12, 75-81.	0.5	16
74	Theoretical Explanation of Reactivity and Stability of Phosphorus(V) Porphyrins. Macroheterocycles, 2019, 12, 143-147.	0.5	1
75	Fluorescence Mode XANES Spectroscopy as a Powerful Tool for Redox-Isomerism Studies in Ultrathin Films. Macroheterocycles, 2019, 12, 264-267.	0.5	3
76	Revisiting 2,3-diaminoporphyrins: key synthons for heterocycle-appended porphyrins. Dyes and Pigments, 2018, 156, 243-249.	3.7	19
77	Understanding Self-Assembly of Porphyrin-Based SURMOFs: How Layered Minerals Can Be Useful. Langmuir, 2018, 34, 5184-5192.	3.5	21
78	Molecular brakes based on the Zn(ii) porphyrin dimer. New Journal of Chemistry, 2018, 42, 7816-7822.	2.8	3
79	Solubilization of Crown-Substituted Magnesium Phthalocyaninates in Solutions of Salts of Bile Acids. Protection of Metals and Physical Chemistry of Surfaces, 2018, 54, 33-42.	1.1	4
80	Photophysics and NLO properties of Ga(III) and In(III) phthalocyaninates bearing diethyleneglycol chains. Journal of Porphyrins and Phthalocyanines, 2018, 22, 137-148.	0.8	4
81	Plasmon-enhanced light absorption at organic-coated interfaces: collectivity matters. Journal of Materials Chemistry C, 2018, 6, 1413-1420.	5.5	11
82	Post-synthetic methods for functionalization of imidazole-fused porphyrins. Journal of Porphyrins and Phthalocyanines, 2018, 22, 619-631.	0.8	12
83	Cation-Induced Dimerization of Crown-Substituted Phthalocyanines by Complexation with Rubidium Nicotinate As Revealed by X-ray Structural Data. Inorganic Chemistry, 2018, 57, 82-85.	4.0	25
84	Spectrophotometric study of the cation-induced dimerization of heteroleptic terbium(III) tetra-15-crown-5-bisphthalocyaninate. Russian Chemical Bulletin, 2018, 67, 2195-2200.	1.5	2
85	Photophysical and photochemical properties of non-peripheral butoxy-substituted phthalocyanines with absorption in NIR range. Mendeleev Communications, 2018, 28, 275-277.	1.6	13
86	The Effect of Phosphorylâ€“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
87	Adsorption and photodynamic efficiency of meso-tetrakis(p-sulfonatophenyl)porphyrin on the surface of bilayer lipid membranes. Journal of Photochemistry and Photobiology B: Biology, 2018, 189, 74-80.	3.8	11
88	Crown-substituted naphthalocyanines: synthesis and supramolecular control over aggregation and photophysical properties. Dalton Transactions, 2018, 47, 15226-15231.	3.3	12
89	Residence time of singlet oxygen in membranes. Scientific Reports, 2018, 8, 14000.	3.3	17
90	Interfacial self-assembly of functional bilayer templates comprising porphyrin arrays and graphene oxide. Journal of Colloid and Interface Science, 2018, 530, 521-531.	9.4	18

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91	The First Example of Electron Phototransfer with the Participation of Two-Decker Lanthanide Phthalocyaninate. Protection of Metals and Physical Chemistry of Surfaces, 2018, 54, 170-173.	1.1	0
92	New Hybrid Materials Based on Nanostructured Aluminum Oxyhydroxide and Terbium(III) Bis(Tetra-15-Crown-5-Phthalocyaninate). Protection of Metals and Physical Chemistry of Surfaces, 2018, 54, 185-191.	1.1	3
93	Infrared 4f-Luminescence of Erbium(III) Complexes with Tetrapyrrole Ligands. Macroheterocycles, 2018, 11, 262-268.	0.5	4
94	Interaction of Octopus-like Cobalt(II) Phthalocyaninate with Fullerene C70 Studied by ESR Spectroscopy. Macroheterocycles, 2018, 11, 390-395.	0.5	2
95	DFT Evaluation of Reactivity of Î²-Substituted meso-Bromoporphyrins towards Nucleophilic Substitution. Macroheterocycles, 2018, 11, 150-154.	0.5	1
96	Supramolecular dimer of sandwich triple-decker phthalocyaninates studied by single-crystal X-ray diffraction analysis. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e378-e378.	0.1	0
97	Electronic structure and NH-tautomerism of a novel metal-free phenanthroline-annelated phthalocyanine. Dyes and Pigments, 2017, 140, 469-479.	3.7	9
98	Effect of metalation-demetalation reactions on the assembly and properties of 2D supramolecular arrays of tetrapyridylporphyrin and its Zn(II)-complex. Surface Science, 2017, 660, 39-46.	1.9	12
99	Gallium(III) and Indium(III) Complexes with meso-Monophosphorylated Porphyrins: Synthesis and Structure. A First Example of Dimers Formed by the Self-Assembly of meso-Porphyrinylphosphonic Acid Monoester. Inorganic Chemistry, 2017, 56, 3055-3070.	4.0	22
100	Layer-by-layer assembly of porphyrin-based metalâ€“organic frameworks on solids decorated with graphene oxide. New Journal of Chemistry, 2017, 41, 948-957.	2.8	31
101	First Example of Nonlinear Optical Materials Based on Nanoconjugates of Sandwich Phthalocyanines with Quantum Dots. Chemistry - A European Journal, 2017, 23, 2820-2830.	3.3	70
102	Optical limiters with improved performance based on nanoconjugates of thiol substituted phthalocyanine with CdSe quantum dots and Ag nanoparticles. Dalton Transactions, 2017, 46, 16190-16198.	3.3	36
103	Unexpected formation of a Î¼-carbido diruthenium(<scp>iv</scp>) complex during the metalation of phthalocyanine with Ru₃(CO)₁₂ and its catalytic activity in carbene transfer reactions. Dalton Transactions, 2017, 46, 15651-15655.	3.3	22
104	Tuning photochemical properties of phosphorus(<scp>v</scp>) porphyrin photosensitizers. Chemical Communications, 2017, 53, 9918-9921.	4.1	32
105	Crown-interlocked lanthanide diphthalocyaninates with switchable panchromatic absorption. Journal of Porphyrins and Phthalocyanines, 2017, 21, 406-415.	0.8	10
106	Revisiting the One-Step Synthesis of Heteroleptic Lanthanide(III) (Porphyrinato)(Phthalocyaninates): Opportunities and Limitations. Macroheterocycles, 2017, 10, 514-515.	0.5	6
107	Bilayer Porphyrin-Graphene Templates for Self-Assembly of Metal-Organic Frameworks on the Surface. Macroheterocycles, 2017, 10, 496-504.	0.5	4
108	Advances in Tetrapyrrolic Chemistry over 2013-2017 of Research group Headed by Full Member of RAS A. Yu. Tsivadze: Highlights on the Occasion of his Anniversary. Macroheterocycles, 2017, 10, 400-409.	0.5	2

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109	Luminescence Features of Neodymium(III) Compounds with Various Tetrapyrrole Macrocycles. Macroheterocycles, 2017, 10, 268-272.	0.5	1
110	New Octopusâ€like Phthalocyanines as Fullerene Receptors: Synthesis and Photophysical Investigation. Israel Journal of Chemistry, 2016, 56, 181-187.	2.3	6
111	Voltage-sensitive styryl dyes as singlet oxygen targets on the surface of bilayer lipid membrane. Journal of Photochemistry and Photobiology B: Biology, 2016, 161, 162-169.	3.8	19
112	MCD spectroscopy and TD-DFT calculations of magnesium tetra-(15-crown-5-oxanthreno)-phthalocyanine. Journal of Porphyrins and Phthalocyanines, 2016, 20, 505-513.	0.8	5
113	Impact of the coordination environment on the magnetic properties of single-molecule magnets based on homo- and hetero-dinuclear terbium(<scp>iii</scp>) heteroleptic tris(crownphthalocyaninate). Dalton Transactions, 2016, 45, 9320-9327.	3.3	24
114	Determination of the Structural Parameters of Heteronuclear (Phthalocyaninato)bis(crownphthalocyaninato)lanthanide(III) Triple-Deckers in Solution by Simultaneous Analysis of NMR and Single-Crystal X-ray Data. Inorganic Chemistry, 2016, 55, 9258-9269.	4.0	31
115	Phosphorus(V) Porphyrin-Based Molecular Turnstiles. Inorganic Chemistry, 2016, 55, 10774-10782.	4.0	32
116	General and Scalable Approach to A₂Bâ€•and A₂BCâ€Type Porphyrin Phosphonate Diesters. European Journal of Organic Chemistry, 2016, 2016, 4881-4892.	2.4	16
117	Substrate-mediated face-on self-assembly of non-amphiphilic phthalocyaninates on solids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 509, 376-383.	4.7	8
118	Improvement of nonlinear optical properties of phthalocyanine bearing diethyleneglycole chains: Influence of symmetry lowering vs. heavy atom effect. Journal of Porphyrins and Phthalocyanines, 2016, 20, 1296-1305.	0.8	25
119	On the synthesis of functionalized porphyrins and porphyrin conjugates via Î²-aminoporphyrins. New Journal of Chemistry, 2016, 40, 5758-5774.	2.8	34
120	A Molecular Chameleon: Reversible pH- and Cation-Induced Control of the Optical Properties of Phthalocyanine-Based Complexes in the Visible and Near-Infrared Spectral Ranges. Inorganic Chemistry, 2016, 55, 2450-2459.	4.0	46
121	Effect of Transition Metal Cations on Assembly of Highly Ordered 2D Multiporphyrin Arrays on Liquid and Solid Substrates. Macroheterocycles, 2016, 9, 378-386.	0.5	2
122	Photoconductive and nonlinear optical properties of composites based on metallophthalocyanines. Organic Photonics and Photovoltaics, 2015, 3, .	1.3	3
123	Insights into the Synthesis and the Solution Behavior of mesoâ€Aryloxyâ€•and Alkoxyâ€Substituted Porphyrins. European Journal of Organic Chemistry, 2015, 2015, 5610-5619.	2.4	14
124	Electrochemical and Spectroelectrochemical Studies of Diphosphorylated Metalloporphyrins. Generation of a Phlorin Anion Product. Inorganic Chemistry, 2015, 54, 3501-3512.	4.0	46
125	The crucial role of self-assembly in nonlinear optical properties of polymeric composites based on crown-substituted ruthenium phthalocyaninate. Journal of Materials Chemistry C, 2015, 3, 6692-6700.	5.5	35
126	Influence of heavy central atom on photoelectric, nonlinear optical, and photorefractive properties of metal phthalocyanines. High Energy Chemistry, 2015, 49, 36-43.	0.9	10

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127	Supramolecular Architectures Based on Phosphonic Acid Diesters. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 831-836.	1.6	11
128	New approach for post-functionalization of meso-formylporphyrins. RSC Advances, 2015, 5, 67242-67246.	3.6	13
129	Bridged dimeric aluminum(III) tetra-15-crown-5-phthalocyanines as precursors for creation of highly ordered polymer materials. Protection of Metals and Physical Chemistry of Surfaces, 2015, 51, 204-211.	1.1	3
130	Design of UV-Vis-NIR panchromatic crown-phthalocyanines with controllable aggregation. Dalton Transactions, 2015, 44, 1366-1378.	3.3	18
131	The Role of Oxygen in Electrochemical Reduction of Double-Decker Phthalocyaninates of Lanthanides. Macroheterocycles, 2015, 8, 135-142.	0.5	4
132	Crown-substituted phthalocyaninesâ€"components of molecular ionoelectronic materials and devices. Russian Journal of Inorganic Chemistry, 2014, 59, 1635-1664.	1.3	32
133	Effect of the anchoring group in porphyrin sensitizers: phosphonate versus carboxylate linkages. Turkish Journal of Chemistry, 2014, 38, 980-993.	1.2	14
134	Survey of Synthetic Routes towards Phosphorus Substituted Porphyrins. Macroheterocycles, 2014, 7, 122-132.	0.5	4
135	Behaviour of Low-Symmetry Crown-Phthalocyanine in Solution: Concentration Aggregation vs. Cation-Induced Assembly. Macroheterocycles, 2014, 7, 47-54.	0.5	9
136	Supramolecular associates of double-decker lanthanide phthalocyanines with macromolecular structures and nanoparticles as the basis of biosensor devices. Protection of Metals and Physical Chemistry of Surfaces, 2014, 50, 570-577.	1.1	13
137	Photorefractive and nonlinear optical properties of indium(III) tetra(15-crown-5)phthalocyaninate-based composites. Protection of Metals and Physical Chemistry of Surfaces, 2014, 50, 472-479.	1.1	15
138	Transport properties of asymmetric ion-exchange membranes based on MC-40, MF-4SC, and polyaniline. Petroleum Chemistry, 2014, 54, 551-555.	1.4	8
139	Insights into the crystal packing of phosphorylporphyrins based on the topology of their intermolecular interaction energies. CrystEngComm, 2014, 16, 10428-10438.	2.6	28
140	Supramolecular Assembly of Organophosphonate Diesters Using Paddle-Wheel Complexes: First Examples in Porphyrin Series. Crystal Growth and Design, 2014, 14, 5976-5984.	3.0	36
141	Nonlinear optical properties of systems based on (tetra-15-crown-5-phthalocyaninato)indium(III). High Energy Chemistry, 2014, 48, 97-103.	0.9	5
142	Orientation-Induced Redox Isomerism in Planar Supramolecular Systems. Journal of Physical Chemistry C, 2014, 118, 4250-4258.	3.1	38
143	Synthesis of porphyrin-bis(polyazamacrocycle) triads via Suzuki coupling reaction. Journal of Porphyrins and Phthalocyanines, 2014, 18, 35-48.	0.8	2
144	(24-Ð¡rown-8)-Linked Dimeric Phthalocyanines and Their Metal Complexes. Macroheterocycles, 2014, 7, 153-161.	0.5	4

#	Article	IF	Citations
145	Heteroleptic triple-decker terbium(III) (porphyrinato)(crownphthalocyaninate) as an efficient receptor of alkaline metal cations. Protection of Metals and Physical Chemistry of Surfaces, 2013, 49, 173-180.	1.1	8
146	Photoelectric, nonlinear optical, and photorefractive properties of polymer composites based on supramolecular ensembles of Ru(II) and Ga(III) complexes with tetra-15-crown-5-phthalocyanine. Protection of Metals and Physical Chemistry of Surfaces, 2013, 49, 57-65.	1.1	12
147	Synthesis, spectral properties, cation-induced dimerization and photochemical stability of tetra-(15-crown-5)-phthalocyaninato indium(III). Journal of Porphyrins and Phthalocyanines, 2013, 17, 564-572.	0.8	23
148	Regiospecific synthesis of lanthanum(III) and neodymium(III) triple-decker (tetrakis-meso-(3-bromophenyl)-porphyrinato)(crownphthalocyaninates). Journal of Porphyrins and Phthalocyanines, 2013, 17, 1027-1034.	0.8	5
149	Unusual Formation of a Stable 2D Copper Porphyrin Network. Inorganic Chemistry, 2013, 52, 999-1008.	4.0	60
150	First example of X-ray characterized aluminum(iii) complex with tetra-15-crown-5-phthalocyanine. Russian Chemical Bulletin, 2013, 62, 1930-1933.	1.5	5
151	Modern Synthetic Approaches to Phthalonitriles with Special Emphasis on Transition-Metal Catalyzed Cyanation Reactions. Macroheterocycles, 2013, 6, 23-32.	0.5	9
152	Electrochemical and spectroelectrochemical studies of Î²-phosphorylated Zn porphyrins. Journal of Porphyrins and Phthalocyanines, 2013, 17, 1035-1045.	0.8	18
153	Two-Dimensional Aggregation of Crown-Phthalocyanine Ligand at Air-Water Interface. Macroheterocycles, 2012, 5, 358-365.	0.5	5
154	Synthesis and Selfâ€Organization of Zinc Î²â€(Dialkoxyphosphoryl)porphyrins in the Solid State and in Solution. Chemistry - A European Journal, 2012, 18, 15092-15104.	3.3	31
155	Synthesis and Copper(I)â€Driven Disaggregation of a Zincâ€Complexed Phthalocyanine Bearing Four Lateral Coordinating Rings. European Journal of Organic Chemistry, 2012, 2012, 6888-6894.	2.4	11
156	Photoelectric and photorefractive properties of composites based on poly(vinylcarbazole) and ruthenium(II) tetra-15-crown-5-phthalocyanine with axially coordinated pyrazine molecules. High Energy Chemistry, 2012, 46, 331-335.	0.9	7
157	Efficient scrambling-free synthesis of heteroleptic terbium triple-decker (porphyrinato)(crown-phthalocyaninates). Dalton Transactions, 2012, 41, 9672.	3.3	24
158	Electrochemically controlled multistability of ultrathin films of double-decker cerium phthalocyaninates. Russian Journal of Electrochemistry, 2012, 48, 218-233.	0.9	9
159	Orientation-induced redox transformations in Langmuir monolayers of double-decker cerium bis[tetra-(15-crown-5)-phthalocyaninate] and multistability of its Langmuir-Blodgett films. Colloid Journal, 2012, 74, 334-345.	1.3	16
160	Quantum-Ð¡hemical Insight into the Reactivity of 5-Bromo-10,20-diaryl-porphyrins towards Nucleophiles. Macroheterocycles, 2012, 5, 338-342.	0.5	2
161	The First Example of Near-Infrared 4f Luminescence of Sandwich-Type Lanthanide Phthalocyaninates. Macroheterocycles, 2012, 5, 343-349.	0.5	26
162	Novel approaches to model-free analysis of lanthanide-induced shifts, targeted to the investigation of contact term behavior. Dalton Transactions, 2011, 40, 7165.	3.3	33

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163	NMR investigation of intramolecular dynamics of heteroleptic triple-decker (porphyrinato)(phthalocyaninato) lanthanides. Dalton Transactions, 2011, 40, 11474.	3.3	14
164	Selective one-step synthesis of triple-decker (porphyrinato)(phthalocyaninato) early lanthanides: the balance of concurrent processes. Dalton Transactions, 2011, 40, 11539.	3.3	22
165	A novel efficient approach to heteronuclear triple-decker complexes of rare earth elements with phthalocyanines. Russian Chemical Bulletin, 2011, 60, 2258-2262.	1.5	7
166	Preparation of MF-4SC composite membranes with the anisotropic distribution of polyaniline and ion-transport asymmetry. Polymer Science - Series B, 2011, 53, 35-41.	0.8	12
167	Complexes of zinc(II) tetra-(15-crown-5)-phthalocyaninate with axially coordinates N-donor ligands as potential components of photosensitive materials of telecommunication range. Protection of Metals and Physical Chemistry of Surfaces, 2011, 47, 494-502.	1.1	11
168	Supramolecular assembly of sandwich-type heteroleptic lanthanum (porphyrinato)(phthalocyaninates). Protection of Metals and Physical Chemistry of Surfaces, 2011, 47, 417-423.	1.1	10
169	Cation-promoted supramolecular assembly of bivalent metal tetra-15-crown-5-phthalocyaninates: Controlling the architecture of supramolecular aggregates. Protection of Metals and Physical Chemistry of Surfaces, 2011, 47, 441-446.	1.1	8
170	Potassium-promoted anionic selectivity of lanthanide bis(tetra-15-crown-phthalocyaninate) complexes. Protection of Metals and Physical Chemistry of Surfaces, 2011, 47, 465-470.	1.1	10
171	Physicochemical properties of solutions and ultrathin films of triple-decker gadolinium tetra-15-crown-5-phthalocyaninate. Protection of Metals and Physical Chemistry of Surfaces, 2011, 47, 447-456.	1.1	9
172	Erbium complexes with tetra-15-crown-5-phthalocyanine: Synthesis and spectroscopic study. Russian Journal of Inorganic Chemistry, 2011, 56, 1370-1379.	1.3	14
173	Photoelectric, nonlinear optical, and photorefractive properties of composites based on poly(N-vinylcarbazole) and gallium phthalocyaninate. Polymer Science - Series A, 2011, 53, 1069-1075.	1.0	19
174	The polyaniline/MF-4SK composite systems with modified surface layer. Russian Journal of Electrochemistry, 2011, 47, 579-585.	0.9	6
175	Electrochemical and spectroscopic studies of poly(diethoxyphosphoryl)porphyrins. Journal of Electroanalytical Chemistry, 2011, 656, 61-71.	3.8	40
176	The approach to the direct interpretation of 13C NMR of heteroleptic triple-decker (porphyrinato)(phthalocyaninato) lanthanum(III) without carbon labeling. Journal of Porphyrins and Phthalocyanines, 2011, 15, 667-673.	0.8	4
177	Synthesis and structure of heteroleptic triple-decker neodymium, europium, holmium, erbium, and ytterbium crown phthalocyaninates. Russian Journal of Inorganic Chemistry, 2010, 55, 347-354.	1.3	19
178	NMRâ€based analysis of structure of heteroleptic tripleâ€decker (phthalocyaninato) (porphyrinato) lanthanides in solutions. Magnetic Resonance in Chemistry, 2010, 48, 505-515.	1.9	35
179	1,2-Dicyano-4,5-bis[2â€™-(2â€•benzyloxyethoxy)ethoxy]benzene â€“ precursor towards new functionalized phthalocyanines. Mendeleev Communications, 2010, 20, 237-238.	1.6	4
180	1H NMR spectral analysis in series of heteroleptic triple-decker lanthanide phthalocyaninato complexes: Contact and dipolar contributions of lanthanide-induced shifts. Polyhedron, 2010, 29, 391-399.	2.2	32

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181	Early Lanthanides (Porphyrinato)(Crownphthalocyaninates): Efficient Synthesis and NIR Absorption Characteristics. Macroheterocycles, 2010, 3, 210-217.	0.5	14
182	Novel one-pot regioselective route towards heteroleptic lanthanide (phthalocyaninato)(porphyrinato) triple-decker complexes. Journal of Porphyrins and Phthalocyanines, 2009, 13, 283-290.	0.8	17
183	Solvent-induced supramolecular assemblies of crown-substituted ruthenium phthalocyaninate: morphology of assemblies and non-linear optical properties. Journal of Porphyrins and Phthalocyanines, 2009, 13, 92-98.	0.8	34
184	Asymmetric ion transport in perfluorinated membranes MF-4SC doped with polyaniline. Doklady Physical Chemistry, 2009, 427, 142-145.	0.9	13
185	Structure of supramolecular assemblies of ruthenium(II) complexes and nonlinear optical and photorefractive properties of polymer composites on their basis. High Energy Chemistry, 2009, 43, 543-551.	0.9	8
186	Synthesis, spectral properties and supramolecular dimerisation of heteroleptic triple-decker phthalocyaninato complexes with one outer crown-substituted ligand. Inorganica Chimica Acta, 2009, 362, 11-18.	2.4	37
187	Synthesis of meso-substituted porphyrins as precursors in creating highly ordered electroluminescent polymer materials. Protection of Metals and Physical Chemistry of Surfaces, 2009, 45, 529-534.	1.1	4
188	Photorefractive polymer composites based on ruthenium (II) tetra-15-crown-5-phthalocyanate axially coordinating ethylisonicotinate molecules photosensitive in telecommunication range. Protection of Metals and Physical Chemistry of Surfaces, 2009, 45, 535-542.	1.1	9
189	The influence of a solvent on the aggregation of ruthenium(II) tetra-15-crown-5-phthalocyaninate. Russian Journal of Physical Chemistry A, 2009, 83, 1907-1912.	0.6	3
190	Behavior of aluminum(III)-tetra-15-crown-5-phthalocyaninates in organic media by fluorescence and UV-visible spectroscopy. Journal of Porphyrins and Phthalocyanines, 2009, 13, 859-864.	0.8	18
191	Synthesis of meso-Polyphosphorylporphyrins and Example of Self-Assembling. Organic Letters, 2009, 11, 3842-3845.	4.6	49
192	Electrochemical Study of Tetra-15-Crown-5-Phthalocyanine and its Copper and Cobalt Complexes. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2009, 39, 247-249.	0.6	6
193	Nonlinear optical properties of systems based on ruthenium(II) tetra-15-crown-5-phthalocyaninate. High Energy Chemistry, 2008, 42, 297-304.	0.9	12
194	Redox-controlled multistability of double-decker cerium tetra-(15-crown-5)-phthalocyaninate ultrathin films. Journal of Porphyrins and Phthalocyanines, 2008, 12, 1154-1162.	0.8	37
195	Diphthalocyaninatolanthanum as a New Phthalocyaninatoâ€Dianion Donor for the Synthesis of Heteroleptic Tripleâ€Decker Rare Earth Element Crownâ€Phthalocyaninato Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 4800-4807.	2.0	42
196	Heteroleptic phthalocyaninato-[tetra(15-crown-5)phthalocyaninato] lanthanides(III) double-deckers: Synthesis and cation-induced supramolecular dimerisation. Inorganica Chimica Acta, 2007, 360, 122-130.	2.4	51
197	Synthesis and chemical behaviour of triple-decker lanthanum tetra-15-crown-5-phthalocyaninate. Mendeleev Communications, 2007, 17, 66-67.	1.6	16
198	Synthesis and spectroscopic study of praseodymium(III) complexes with tetra-15-crown-5-phthalocyanine. Russian Journal of Inorganic Chemistry, 2007, 52, 191-196.	1.3	8

#	Article	IF	Citations
199	Cation-induced aggregation of sandwich lutetium(III) and Yb(III) complexes with tetra(15-crown-5)-substituted phthalocyanine as probed by 1H NMR. Russian Journal of Inorganic Chemistry, 2007, 52, 543-550.	1.3	5
200	Crown-substituted Sc(III) phthalocyaninates: Synthesis and spectral properties. Russian Journal of Inorganic Chemistry, 2007, 52, 1758-1768.	1.3	9
201	Photorefractive IR-range composites on the basis of poly(vinyl carbazole) and ruthenium (II) tetra-15-crown-5-phthalocyanines. Russian Journal of Physical Chemistry A, 2007, 81, 982-989.	0.6	10
202	Electrochemical behavior of complex based on ruthenium(II) phthalocyaninate. Russian Journal of Electrochemistry, 2007, 43, 1350-1357.	0.9	3
203	The features of cerium coordination chemistry in the complexes with tetra-15-crown-5-phthalocyanine. Journal of Porphyrins and Phthalocyanines, 2006, 10, 931-936.	0.8	18
204	Photorefractive IR-spectrum composites prepared from polyimide and ruthenium(II) tetra-15-crown-5-phthalocyaninate with axially coordinated triethylenediamine molecules. Russian Journal of Physical Chemistry A, 2006, 80, 453-460.	0.6	10
205	Synthesis and structure of homo- and heteronuclear rare earth element complexes with tetra-15-crown-5-phthalocyanine. Mendeleev Communications, 2006, 16, 67-69.	1.6	11
206	Infrared Photorefractive Composites Based on Supramolecular Ensembles of Ruthenium(II) Tetra-15-crown-5-phthalocyaninate. Doklady Physical Chemistry, 2005, 403, 137-141.	0.9	11
207	Rosenmund-Braun Reaction Products 4â€²,5â€²-Dicyanobenzo-15-crown-5 and 4â€²,5â€²-Dicyanobenzo-15-crown-5,4â€²-cyano-5â€²-cyano(bromo)benzo-15-crown-5 Hydrates: Spectroscopic Properties and Crystal Structure. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2005, 31, 671-682.	1.0	5
208	Synthesis and structure of the (R4Pc)Ru(TED)2 complex, where R4Pc2â^' is the tetra-15-crown-5-phthalocyaninate dianion and TED is triethylenediamine. Mendeleev Communications, 2004, 14, 193-194.	1.6	28
209	Metal Phthalocyanine and Crown Etherâ€“Based Membranes for the Potentiometric Determination of Phenylalanine Methyl Ester Using an Ion-Selective Electrode. Journal of Analytical Chemistry, 2004, 59, 584-589.	0.9	2
210	Ruthenium(ii) complexes with tetra-15-crown-5-phthalocyanine: synthesis and spectroscopic investigation. Russian Chemical Bulletin, 2004, 53, 74-79.	1.5	11
211	Lanthanide Crownphthalocyaninates: Synthesis, Structure, and Peculiarities of Formation. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2004, 30, 245-251.	1.0	35
212	Monolayers and Langmuir-Blodgett films of crown-substituted phthalocyanines. Russian Chemical Bulletin, 2004, 53, 2532-2541.	1.5	12
213	Orthophosphoric Acid-;N,N-Dimethylformamide System: IR Study. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 515-518.	1.0	26
214	Title is missing!. Russian Chemical Bulletin, 2003, 52, 1633-1636.	1.5	12
215	Supramolecular systems constructed from Crownphthalocyaninates. Journal of Coordination Chemistry, 2003, 56, 1223-1232.	2.2	36
216	Spectroscopic Properties of Langmuirâ^'Blodgett Films of Lanthanide Bis(phthalocyanine)s Exposed to Volatile Organic Compounds. Sensing Applications. Langmuir, 2002, 18, 9560-9565.	3.5	52

#	Article	IF	Citations
217	Title is missing!. Journal of Analytical Chemistry, 2002, 57, 552-556.	0.9	6
218	Langmuirâ''Blodgett Films of Bis(octakispropyloxy) Samarium Bisphthalocyanine. Spectroscopic and Gas-Sensing Properties. Langmuir, 2001, 17, 5004-5010.	3.5	39
219	Langmuir-Blodgett Film Formation and Spectroscopic Characterization of Sulphonated Derivatives of Zinc Phthalocyanine. Journal of Raman Spectroscopy, 1996, 27, 649-655.	2.5	8
220	Langmuir-Blodgett Films of Asymmetrically Phenyl-Substituted Lutetium Bisphthalocyanines. Spectroscopy and Gas-Sensing Properties. Chemistry of Materials, 1995, 7, 1443-1447.	6.7	30
221	Directed Synthesis of Polyphenyl-substituted Lutetium Bisphthalocyanines. Mendeleev Communications, 1994, 4, 127-128.	1.6	10