

Yu G Gorbunova

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3512588/yu-g-gorbunova-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

202
papers

2,505
citations

29
h-index

35
g-index

225
ext. papers

3,065
ext. citations

3.1
avg, IF

5.2
L-index

#	Paper	IF	Citations
202	First Example of Nonlinear Optical Materials Based on Nanoconjugates of Sandwich Phthalocyanines with Quantum Dots. <i>Chemistry - A European Journal</i> , 2017 , 23, 2820-2830	4.8	59
201	Unusual formation of a stable 2D copper porphyrin network. <i>Inorganic Chemistry</i> , 2013 , 52, 999-1008	5.1	52
200	Methodological Survey of Simplified TD-DFT Methods for Fast and Accurate Interpretation of UV-Vis-NIR Spectra of Phthalocyanines. <i>ACS Omega</i> , 2019 , 4, 7265-7284	3.9	50
199	Spectroscopic Properties of Langmuir-Blodgett Films of Lanthanide Bis(phthalocyanine)s Exposed to Volatile Organic Compounds. Sensing Applications. <i>Langmuir</i> , 2002 , 18, 9560-9565	4	48
198	Functional molecular switches involving tetrapyrrolic macrocycles. <i>Coordination Chemistry Reviews</i> , 2019 , 387, 325-347	23.2	46
197	Synthesis of meso-polyphosphorylporphyrins and example of self-assembling. <i>Organic Letters</i> , 2009 , 11, 3842-5	6.2	46
196	Heteroleptic phthalocyaninato-[tetra(15-crown-5)phthalocyaninato] lanthanides(III) double-deckers: Synthesis and cation-induced supramolecular dimerisation. <i>Inorganica Chimica Acta</i> , 2007 , 360, 122-130	2.7	46
195	Electrochemical and spectroelectrochemical studies of diphosphorylated metalloporphyrins. Generation of a phlorin anion product. <i>Inorganic Chemistry</i> , 2015 , 54, 3501-12	5.1	40
194	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. <i>Inorganic Chemistry</i> , 2016 , 55, 2450-9	5.1	36
193	Diphthalocyaninato-lanthanum as a New Phthalocyaninato-Dianion Donor for the Synthesis of Heteroleptic Triple-Decker Rare Earth Element Crown-Phthalocyaninato Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 4800-4807	2.3	36
192	Macroheterocyclic Compounds - a Key Building Block in New Functional Materials and Molecular Devices. <i>Macroheterocycles</i> , 2020 , 13, 311-467	2.2	36
191	Electrochemical and spectroscopic studies of poly(diethoxyphosphoryl)porphyrins. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 656, 61-71	4.1	35
190	Langmuir-Blodgett Films of Bis(octakispropyloxy) Samarium Bisphthalocyanine. Spectroscopic and Gas-Sensing Properties. <i>Langmuir</i> , 2001 , 17, 5004-5010	4	35
189	Redox-controlled multistability of double-decker cerium tetra-(15-crown-5)-phthalocyaninate ultrathin films. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008 , 12, 1154-1162	1.8	33
188	Supramolecular systems constructed from Crownphthalocyaninates. <i>Journal of Coordination Chemistry</i> , 2003 , 56, 1223-1232	1.6	33
187	Orientation-Induced Redox Isomerism in Planar Supramolecular Systems. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 4250-4258	3.8	32
186	Reverse Arene Sandwich Structures Based upon [Hole][M] (d M=Pt, Pd) Interactions, where Positively Charged Metal Centers Play the Role of a Nucleophile. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4164-4168	16.4	31

185	Supramolecular Assembly of Organophosphonate Diesters Using Paddle-Wheel Complexes: First Examples in Porphyrin Series. <i>Crystal Growth and Design</i> , 2014 , 14, 5976-5984	3.5	31
184	The crucial role of self-assembly in nonlinear optical properties of polymeric composites based on crown-substituted ruthenium phthalocyaninate. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 6692-6700	7.1	31
183	Solvent-induced supramolecular assemblies of crown-substituted ruthenium phthalocyaninate: morphology of assemblies and non-linear optical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 92-98	1.8	31
182	Synthesis, spectral properties and supramolecular dimerisation of heteroleptic triple-decker phthalocyaninato complexes with one outer crown-substituted ligand. <i>Inorganica Chimica Acta</i> , 2009 , 362, 11-18	2.7	31
181	NMR-based analysis of structure of heteroleptic triple-decker (phthalocyaninato) (porphyrinato) lanthanides in solutions. <i>Magnetic Resonance in Chemistry</i> , 2010 , 48, 505-15	2.1	31
180	Optical limiters with improved performance based on nanoconjugates of thiol substituted phthalocyanine with CdSe quantum dots and Ag nanoparticles. <i>Dalton Transactions</i> , 2017 , 46, 16190-16198	4.3	30
179	Crown-substituted phthalocyanines—components of molecular ionoelectronic materials and devices. <i>Russian Journal of Inorganic Chemistry</i> , 2014 , 59, 1635-1664	1.5	30
178	Crown-Substituted Phthalocyanines: From Synthesis Towards Materials. <i>Handbook of Porphyrin Science</i> , 2012 , 271-388	0.3	30
177	Novel approaches to model-free analysis of lanthanide-induced shifts, targeted to the investigation of contact term behavior. <i>Dalton Transactions</i> , 2011 , 40, 7165-71	4.3	30
176	¹ H NMR spectral analysis in series of heteroleptic triple-decker lanthanide phthalocyaninato complexes: Contact and dipolar contributions of lanthanide-induced shifts. <i>Polyhedron</i> , 2010 , 29, 391-399	3.7	30
175	Lanthanide Crownphthalocyaninates: Synthesis, Structure, and Peculiarities of Formation. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2004 , 30, 245-251	1.6	30
174	Langmuir-Blodgett Films of Asymmetrically Phenyl-Substituted Lutetium Bisphthalocyanines. Spectroscopy and Gas-Sensing Properties. <i>Chemistry of Materials</i> , 1995 , 7, 1443-1447	9.6	30
173	Synthesis and self-organization of zinc E(dialkoxyphosphoryl)porphyrins in the solid state and in solution. <i>Chemistry - A European Journal</i> , 2012 , 18, 15092-104	4.8	29
172	Orthophosphoric Acid-;N,N-Dimethylformamide System: IR Study. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2003 , 29, 515-518	1.6	26
171	Insights into the crystal packing of phosphorylporphyrins based on the topology of their intermolecular interaction energies. <i>CrystEngComm</i> , 2014 , 16, 10428-10438	3.3	25
170	Synthesis and structure of the (R4Pc)Ru(TED) ₂ complex, where R4Pc ²⁻ is the tetra-15-crown-5-phthalocyaninate dianion and TED is triethylenediamine. <i>Mendeleev Communications</i> , 2004 , 14, 193-194	1.9	25
169	Phosphorus(V) Porphyrin-Based Molecular Turnstiles. <i>Inorganic Chemistry</i> , 2016 , 55, 10774-10782	5.1	25
168	Layer-by-layer assembly of porphyrin-based metalorganic frameworks on solids decorated with graphene oxide. <i>New Journal of Chemistry</i> , 2017 , 41, 948-957	3.6	23

167	Improvement of nonlinear optical properties of phthalocyanine bearing diethyleneglycole chains: Influence of symmetry lowering vs. heavy atom effect. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 1296-1305	1.8	23
166	On the synthesis of functionalized porphyrins and porphyrin conjugates via β -aminoporphyrins. <i>New Journal of Chemistry</i> , 2016 , 40, 5758-5774	3.6	23
165	Synthesis, spectral properties, cation-induced dimerization and photochemical stability of tetra-(15-crown-5)-phthalocyaninato indium(III). <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 564-572	1.8	22
164	Tuning photochemical properties of phosphorus(v) porphyrin photosensitizers. <i>Chemical Communications</i> , 2017 , 53, 9918-9921	5.8	21
163	Efficient scrambling-free synthesis of heteroleptic terbium triple-decker (porphyrinato)(crown-phthalocyaninates). <i>Dalton Transactions</i> , 2012 , 41, 9672-81	4.3	21
162	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. <i>Inorganic Chemistry</i> , 2016 , 55, 9258-69	5.1	21
161	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. <i>Inorganic Chemistry</i> , 2017 , 56, 3055-3070	5.1	20
160	The First Example of Near-Infrared 4f Luminescence of Sandwich-Type Lanthanide Phthalocyaninates. <i>Macroheterocycles</i> , 2012 , 5, 343-349	2.2	20
159	Impact of the coordination environment on the magnetic properties of single-molecule magnets based on homo- and hetero-dinuclear terbium(iii) heteroleptic tris(crownphthalocyaninate). <i>Dalton Transactions</i> , 2016 , 45, 9320-7	4.3	20
158	Highly Proton-Conductive Zinc Metal-Organic Framework Based On Nickel(II) Porphyrinylphosphonate. <i>Chemistry - A European Journal</i> , 2019 , 25, 10552-10556	4.8	18
157	Water-Soluble Chlorin/Arylaminoquinazoline Conjugate for Photodynamic and Targeted Therapy. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 11182-11193	8.3	18
156	Design of UV-Vis-NIR panchromatic crown-phthalocyanines with controllable aggregation. <i>Dalton Transactions</i> , 2015 , 44, 1366-78	4.3	17
155	Cation-Induced Dimerization of Crown-Substituted Phthalocyanines by Complexation with Rubidium Nicotinate As Revealed by X-ray Structural Data. <i>Inorganic Chemistry</i> , 2018 , 57, 82-85	5.1	17
154	Hybrid materials based on graphene derivatives and porphyrin metal-organic frameworks. <i>Russian Chemical Reviews</i> , 2019 , 88, 775-799	6.8	17
153	Selective one-step synthesis of triple-decker (porphyrinato)(phthalocyaninato) early lanthanides: the balance of concurrent processes. <i>Dalton Transactions</i> , 2011 , 40, 11539-49	4.3	17
152	Unexpected formation of a β -carbido diruthenium(iv) complex during the metalation of phthalocyanine with Ru(CO) and its catalytic activity in carbene transfer reactions. <i>Dalton Transactions</i> , 2017 , 46, 15651-15655	4.3	16
151	General and Scalable Approach to A2B- and A2BC-Type Porphyrin Phosphonate Diesters. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 4881-4892	3.2	16
150	Electrochemical and spectroelectrochemical studies of β -phosphorylated Zn porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 1035-1045	1.8	16

149	Voltage-sensitive styryl dyes as singlet oxygen targets on the surface of bilayer lipid membrane. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 161, 162-9	6.7	16
148	Photoelectric, nonlinear optical, and photorefractive properties of composites based on poly(N-vinylcarbazole) and gallium phthalocyaninate. <i>Polymer Science - Series A</i> , 2011 , 53, 1069-1075	1.2	15
147	Synthesis and structure of heteroleptic triple-decker neodymium, europium, holmium, erbium, and ytterbium crown phthalocyaninates. <i>Russian Journal of Inorganic Chemistry</i> , 2010 , 55, 347-354	1.5	15
146	Synthesis and chemical behaviour of triple-decker lanthanum tetra-15-crown-5-phthalocyaninate. <i>Mendeleev Communications</i> , 2007 , 17, 66-67	1.9	15
145	The features of cerium coordination chemistry in the complexes with tetra-15-crown-5-phthalocyanine. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006 , 10, 931-936	1.8	15
144	Heterocycle-appended porphyrins: synthesis and challenges. <i>Coordination Chemistry Reviews</i> , 2020 , 407, 213108	23.2	15
143	Functional supramolecular systems: design and applications. <i>Russian Chemical Reviews</i> , 2021 , 90, 895-1107	6.7	15
142	Effect of One- and Two-Electron Reduction of Terbium(III) Double-Decker Phthalocyanine on Single-Ion Magnet Behavior and NIR Absorption. <i>Inorganic Chemistry</i> , 2019 , 58, 5058-5068	5.1	14
141	Understanding Self-Assembly of Porphyrin-Based SURMOFs: How Layered Minerals Can Be Useful. <i>Langmuir</i> , 2018 , 34, 5184-5192	4	14
140	Behavior of aluminum(III)-tetra-15-crown-5-phthalocyaninates in organic media by fluorescence and UV-visible spectroscopy. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 859-864	1.8	14
139	Photorefractive and nonlinear optical properties of indium(III) tetra(15-crown-5)phthalocyaninate-based composites. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2014 , 50, 472-479	0.9	13
138	Novel one-pot regioselective route towards heteroleptic lanthanide (phthalocyaninato)(porphyrinato) triple-decker complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009 , 13, 283-290	1.8	13
137	Orientation-induced redox transformations in Langmuir monolayers of double-decker cerium bis[tetra-(15-crown-5)-phthalocyaninate] and multistability of its Langmuir-Blodgett films. <i>Colloid Journal</i> , 2012 , 74, 334-345	1.1	12
136	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. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2013 , 49, 57-65	0.9	12
135	Effect of the anchoring group in porphyrin sensitizers: phosphonate versus carboxylate linkages. <i>Turkish Journal of Chemistry</i> , 2014 , 38, 980-993	1	12
134	Asymmetric ion transport in perfluorinated membranes MF-4SC doped with polyaniline. <i>Doklady Physical Chemistry</i> , 2009 , 427, 142-145	0.8	12
133	Effect of metalation-demetalation reactions on the assembly and properties of 2D supramolecular arrays of tetrapyridylporphyrin and its Zn(II)-complex. <i>Surface Science</i> , 2017 , 660, 39-46	1.8	11
132	Deactivation of singlet oxygen by cerium oxide nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 382, 111925	4.7	11

131	Insights into the Synthesis and the Solution Behavior of meso-Aryloxy- and Alkoxy-Substituted Porphyrins. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5610-5619	3.2	11
130	Supramolecular Architectures Based on Phosphonic Acid Diesters. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015 , 190, 831-836	1	11
129	Supramolecular associates of double-decker lanthanide phthalocyanines with macromolecular structures and nanoparticles as the basis of biosensor devices. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2014 , 50, 570-577	0.9	11
128	Synthesis and Copper(I)-Driven Disaggregation of a Zinc-Complexed Phthalocyanine Bearing Four Lateral Coordinating Rings. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 6888-6894	3.2	11
127	Preparation of MF-4SC composite membranes with the anisotropic distribution of polyaniline and ion-transport asymmetry. <i>Polymer Science - Series B</i> , 2011 , 53, 35-41	0.8	11
126	Erbium complexes with tetra-15-crown-5-phthalocyanine: Synthesis and spectroscopic study. <i>Russian Journal of Inorganic Chemistry</i> , 2011 , 56, 1370-1379	1.5	11
125	NMR investigation of intramolecular dynamics of heteroleptic triple-decker (porphyrinato)(phthalocyaninato) lanthanides. <i>Dalton Transactions</i> , 2011 , 40, 11474-9	4.3	11
124	First example of structurally characterized double-decker sandwich rare-earth metal complex with crown-substituted phthalocyanine. Synthesis and structure of bis[tetra(15-crown-5)phthalocyaninato]ytterbium(iii). <i>Russian Chemical Bulletin</i> , 2003 , 52, 1633-1636	1.7	11
123	Early Lanthanides (Porphyrinato)(Crownphthalocyaninates): Efficient Synthesis and NIR Absorption Characteristics. <i>Macroheterocycles</i> , 2010 , 3, 210-217	2.2	11
122	Photophysical and photochemical properties of non-peripheral butoxy-substituted phthalocyanines with absorption in NIR range. <i>Mendeleev Communications</i> , 2018 , 28, 275-277	1.9	11
121	Residence time of singlet oxygen in membranes. <i>Scientific Reports</i> , 2018 , 8, 14000	4.9	11
120	Hybrid organic-inorganic supramolecular systems based on a pyridine end-decorated molybdenum(ii) halide cluster and zinc(ii) porphyrinate. <i>Dalton Transactions</i> , 2019 , 48, 1835-1842	4.3	10
119	Revisiting 2,3-diaminoporphyrins: key synthons for heterocycle-appended porphyrins. <i>Dyes and Pigments</i> , 2018 , 156, 243-249	4.6	10
118	Interfacial self-assembly of functional bilayer templates comprising porphyrin arrays and graphene oxide. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 521-531	9.3	10
117	Complexes of zinc(II) tetra-(15-crown-5)-phthalocyaninate with axially coordinates N-donor ligands as potential components of photosensitive materials of telecommunication range. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2011 , 47, 494-502	0.9	10
116	Supramolecular assembly of sandwich-type heteroleptic lanthanum (porphyrinato)(phthalocyaninates). <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2011 , 47, 417-423	0.9	10
115	Infrared Photorefractive Composites Based on Supramolecular Ensembles of Ruthenium(II) Tetra-15-crown-5-phthalocyaninate. <i>Doklady Physical Chemistry</i> , 2005 , 403, 137-141	0.8	10
114	Long-Sought Redox Isomerization of the Europium(III/II) Complex Achieved by Molecular Reorientation at the Interface. <i>Langmuir</i> , 2020 , 36, 1423-1429	4	10

113	Unusual magnetic relaxation behavior of hydrophilic colloids based on gadolinium(III) octabutoxyphthalocyaninate. <i>Journal of Nanoparticle Research</i> , 2019 , 21, 1	2.3	10
112	Exploring the Optimal Synthetic Pathways towards μ -Carbido Diruthenium(IV) Bisphthalocyaninates. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1923-1931	2.3	9
111	Nonlinear optical properties of systems based on ruthenium(II) tetra-15-crown-5-phthalocyaninate. <i>High Energy Chemistry</i> , 2008 , 42, 297-304	0.9	9
110	Photorefractive IR-range composites on the basis of poly(vinyl carbazole) and ruthenium (II) tetra-15-crown-5-phthalocyanines. <i>Russian Journal of Physical Chemistry A</i> , 2007 , 81, 982-989	0.7	9
109	Ruthenium(ii) complexes with tetra-15-crown-5-phthalocyanine: synthesis and spectroscopic investigation. <i>Russian Chemical Bulletin</i> , 2004 , 53, 74-79	1.7	9
108	Monolayers and Langmuir-Blodgett films of crown-substituted phthalocyanines. <i>Russian Chemical Bulletin</i> , 2004 , 53, 2532-2541	1.7	9
107	Aromatic Nucleophilic Substitution as a Side Process in the Synthesis of Alkoxy- and Crown-Substituted (Na)phthalocyanines. <i>Macrocyclics</i> , 2019 , 12, 75-81	2.2	9
106	The Effect of Phosphoryl-Substituted Porphyrins on Mobility of Charge Carriers in P3HT Polymer Photoconductor. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2018 , 54, 1076-1080	0.9	9
105	Crown-substituted naphthalocyanines: synthesis and supramolecular control over aggregation and photophysical properties. <i>Dalton Transactions</i> , 2018 , 47, 15226-15231	4.3	9
104	Electronic structure and NH-tautomerism of a novel metal-free phenanthroline-annelated phthalocyanine. <i>Dyes and Pigments</i> , 2017 , 140, 469-479	4.6	8
103	Imidazoporphyrins as supramolecular tectons: synthesis and self-assembly of zinc 2-(4-pyridyl)-1H-imidazo[4,5-b]porphyrinate. <i>CrystEngComm</i> , 2019 , 21, 1488-1498	3.3	8
102	Cation-Induced Dimerization of Heteroleptic Crown-Substituted Trisphthalocyaninates as Revealed by X-ray Diffraction and NMR Spectroscopy. <i>Inorganic Chemistry</i> , 2020 , 59, 9424-9433	5.1	8
101	Plasmon-enhanced light absorption at organic-coated interfaces: collectivity matters. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 1413-1420	7.1	8
100	Post-synthetic methods for functionalization of imidazole-fused porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 619-631	1.8	8
99	Modulation of transversal conductivity of europium(III) bisphthalocyaninate ultrathin films by peripheral substitution. <i>Thin Solid Films</i> , 2019 , 692, 137591	2.2	8
98	Electrochemically controlled multistability of ultrathin films of double-decker cerium phthalocyaninates. <i>Russian Journal of Electrochemistry</i> , 2012 , 48, 218-233	1.2	8
97	Heteroleptic triple-decker terbium(III) (porphyrinato)(crownphthalocyaninate) as an efficient receptor of alkaline metal cations. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2013 , 49, 173-180	0.9	8
96	Crown-interlocked lanthanide diphthalocyaninates with switchable panchromatic absorption. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017 , 21, 406-415	1.8	8

95	Influence of heavy central atom on photoelectric, nonlinear optical, and photorefractive properties of metal phthalocyanines. <i>High Energy Chemistry</i> , 2015 , 49, 36-43	0.9	8
94	Potassium-promoted anionic selectivity of lanthanide bis(tetra-15-crown-phthalocyaninate) complexes. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2011 , 47, 465-470	0.9	8
93	Physicochemical properties of solutions and ultrathin films of triple-decker gadolinium tetra-15-crown-5-phthalocyaninate. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2011 , 47, 447-456	0.9	8
92	Photorefractive polymer composites based on ruthenium (II) tetra-15-crown-5-phthalocyanate axially coordinating ethylisonicotinate molecules photosensitive in telecommunication range. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2009 , 45, 535-542	0.9	8
91	Photorefractive IR-spectrum composites prepared from polyimide and ruthenium(II) tetra-15-crown-5-phthalocyaninate with axially coordinated triethylenediamine molecules. <i>Russian Journal of Physical Chemistry A</i> , 2006 , 80, 453-460	0.7	8
90	Synthesis and structure of homo- and heteronuclear rare earth element complexes with tetra-15-crown-5-phthalocyanine. <i>Mendeleev Communications</i> , 2006 , 16, 67-69	1.9	8
89	Adsorption and photodynamic efficiency of meso-tetrakis(p-sulfonatophenyl)porphyrin on the surface of bilayer lipid membranes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018 , 189, 74-80	6.7	8
88	Reverse Arene Sandwich Structures Based upon π -Hole π [MII] (d8 M=Pt, Pd) Interactions, where Positively Charged Metal Centers Play the Role of a Nucleophile. <i>Angewandte Chemie</i> , 2019 , 131, 4208-4212	3.6	7
87	New approach for post-functionalization of meso-formylporphyrins. <i>RSC Advances</i> , 2015 , 5, 67242-67246	3.7	7
86	Behaviour of Low-Symmetry Crown-Phthalocyanine in Solution: Concentration Aggregation vs. Cation-Induced Assembly. <i>Macrocyclics</i> , 2014 , 7, 47-54	2.2	7
85	Photoelectric and photorefractive properties of composites based on poly(vinylcarbazole) and ruthenium(II) tetra-15-crown-5-phthalocyanine with axially coordinated pyrazine molecules. <i>High Energy Chemistry</i> , 2012 , 46, 331-335	0.9	7
84	Modern Synthetic Approaches to Phthalonitriles with Special Emphasis on Transition-Metal Catalyzed Cyanation Reactions. <i>Macrocyclics</i> , 2013 , 6, 23-32	2.2	7
83	Cation-promoted supramolecular assembly of bivalent metal tetra-15-crown-5-phthalocyaninates: Controlling the architecture of supramolecular aggregates. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2011 , 47, 441-446	0.9	7
82	Structure of supramolecular assemblies of ruthenium(II) complexes and nonlinear optical and photorefractive properties of polymer composites on their basis. <i>High Energy Chemistry</i> , 2009 , 43, 543-551	0.9	7
81	Crown-substituted Sc(III) phthalocyaninates: Synthesis and spectral properties. <i>Russian Journal of Inorganic Chemistry</i> , 2007 , 52, 1758-1768	1.5	7
80	Langmuir-Blodgett Film Formation and Spectroscopic Characterization of Sulphonated Derivatives of Zinc Phthalocyanine. <i>Journal of Raman Spectroscopy</i> , 1996 , 27, 649-655	2.3	7
79	Directed Synthesis of Polyphenyl-substituted Lutetium Bisphthalocyanines. <i>Mendeleev Communications</i> , 1994 , 4, 127-128	1.9	7
78	Supramolecular assemblies based on crown- and phosphoryl-substituted phthalocyanines and their metal complexes in microheterogeneous media. <i>Russian Chemical Bulletin</i> , 2020 , 69, 1223-1244	1.7	7

77	Water-soluble multimode fluorescent thermometers based on porphyrins photosensitizers. <i>Materials and Design</i> , 2021 , 203, 109613	8.1	7
76	Electrochemical, Spectroelectrochemical, and Structural Studies of Mono- and Diphosphorylated Zinc Porphyrins and Their Self-Assemblies. <i>Inorganic Chemistry</i> , 2019 , 58, 4665-4678	5.1	6
75	Optical limiting properties, structure and simplified TD-DFT calculations of scandium tetra-15-crown-5 phthalocyaninates. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 589-601	1.8	6
74	Transport properties of asymmetric ion-exchange membranes based on MC-40, MF-4SC, and polyaniline. <i>Petroleum Chemistry</i> , 2014 , 54, 551-555	1.1	6
73	A novel efficient approach to heteronuclear triple-decker complexes of rare earth elements with phthalocyanines. <i>Russian Chemical Bulletin</i> , 2011 , 60, 2258-2262	1.7	6
72	Synthesis and spectroscopic study of praseodymium(III) complexes with tetra-15-crown-5-phthalocyanine. <i>Russian Journal of Inorganic Chemistry</i> , 2007 , 52, 191-196	1.5	6
71	Porphyrinylphosphonate-Based Metal-Organic Framework: Tuning Proton Conductivity by Ligand Design. <i>Chemistry - A European Journal</i> , 2021 , 27, 1598-1602	4.8	6
70	NMR Spectroscopy A Versatile Tool for Studying the Structure and Magnetic Properties of Paramagnetic Lanthanide Complexes in Solutions (Review). <i>Russian Journal of Inorganic Chemistry</i> , 2021 , 66, 202-216	1.5	6
69	A panchromatic pyrazine-fused porphyrin dimer. <i>Mendeleev Communications</i> , 2020 , 30, 162-164	1.9	5
68	Heterocycle-appended lanthanum(III) sandwich-type (porphyrinato)(phthalocyaninates). <i>Dyes and Pigments</i> , 2020 , 181, 108550	4.6	5
67	Substrate-mediated face-on self-assembly of non-amphiphilic phthalocyaninates on solids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 509, 376-383	5.1	5
66	Nonlinear optical properties of systems based on (tetra-15-crown-5-phthalocyaninato)indium(III). <i>High Energy Chemistry</i> , 2014 , 48, 97-103	0.9	5
65	First example of X-ray characterized aluminum(III) complex with tetra-15-crown-5-phthalocyanine. <i>Russian Chemical Bulletin</i> , 2013 , 62, 1930-1933	1.7	5
64	The polyaniline/MF-4SK composite systems with modified surface layer. <i>Russian Journal of Electrochemistry</i> , 2011 , 47, 579-585	1.2	5
63	Electrochemical Study of Tetra-15-Crown-5-Phthalocyanine and its Copper and Cobalt Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009 , 39, 247-249		5
62	Cation-induced aggregation of sandwich lutetium(III) and Yb(III) complexes with tetra(15-crown-5)-substituted phthalocyanine as probed by ¹ H NMR. <i>Russian Journal of Inorganic Chemistry</i> , 2007 , 52, 543-550	1.5	5
61	Revisiting the One-Step Synthesis of Heteroleptic Lanthanide(III) (Porphyrinato)(Phthalocyaninates): Opportunities and Limitations. <i>Macroheterocycles</i> , 2017 , 10, 514-515 ²⁻²		5
60	New Octopus-like Phthalocyanines as Fullerene Receptors: Synthesis and Photophysical Investigation. <i>Israel Journal of Chemistry</i> , 2016 , 56, 181-187	3.4	5

59	Synthesis of (trans-A2)BC-Type Porphyrins with Acceptor Diethoxyphosphoryl and Various Donor Groups and their Assembling in the Solid State and at Interfaces. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3146-3162	3.2	4
58	Solubilization of Crown-Substituted Magnesium Phthalocyaninates in Solutions of Salts of Bile Acids. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2018 , 54, 33-42	0.9	4
57	Survey of Synthetic Routes towards Phosphorus Substituted Porphyrins. <i>Macroheterocycles</i> , 2014 , 7, 122-132	2.2	4
56	The approach to the direct interpretation of ¹³ C NMR of heteroleptic triple-decker (porphyrinato)(phthalocyaninato) lanthanum(III) without carbon labeling. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 667-673	1.8	4
55	Two-Dimensional Aggregation of Crown-Phthalocyanine Ligand at Air-Water Interface. <i>Macroheterocycles</i> , 2012 , 5, 358-365	2.2	4
54	1,2-Dicyano-4,5-bis[2-(2-benzyloxyethoxy)ethoxy]benzene [precursor towards new functionalized phthalocyanines. <i>Mendeleev Communications</i> , 2010 , 20, 237-238	1.9	4
53	Rosenmund-Braun Reaction Products 4,5-Dicyanobenzo-15-crown-5 and 4,5-Dicyanobenzo-15-crown-5,4-cyano-5-cyano(bromo)benzo-15-crown-5 Hydrates: Spectroscopic Properties and Crystal Structure. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2005 , 31, 671-682	1.6	4
52	(24-Crown-8)-Linked Dimeric Phthalocyanines and Their Metal Complexes. <i>Macroheterocycles</i> , 2014 , 7, 153-161	2.2	4
51	The Role of Oxygen in Electrochemical Reduction of Double-Decker Phthalocyaninates of Lanthanides. <i>Macroheterocycles</i> , 2015 , 8, 135-142	2.2	4
50	MCD spectroscopy and TD-DFT calculations of magnesium tetra-(15-crown-5-oxanthreno)-phthalocyanine. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 505-513	1.8	4
49	NMR thermosensing properties on binuclear triple-decker complexes of terbium(III) and dysprosium(III) with 15-crown-5-phthalocyanine. <i>Sensors and Actuators A: Physical</i> , 2021 , 331, 112933	3.9	4
48	Platinum(ii) and palladium(ii) complexes with electron-deficient meso-diethoxyphosphorylporphyrins: synthesis, structure and tuning of photophysical properties by varying peripheral substituents. <i>Dalton Transactions</i> , 2019 , 48, 8882-8898	4.3	3
47	Bridged dimeric aluminum(III) tetra-15-crown-5-phthalocyanines as precursors for creation of highly ordered polymer materials. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2015 , 51, 204-211	0.9	3
46	5,8-Disubstituted crown-naphthalonitriles as a platform for highly soluble naphthalocyanines. <i>Dyes and Pigments</i> , 2020 , 180, 108484	4.6	3
45	Synthesis, electronic structure and NH-tautomerism of novel mono- and dibenzoannelated phthalocyanines. <i>Dyes and Pigments</i> , 2020 , 181, 108564	4.6	3
44	Molecular brakes based on the Zn(II) porphyrin dimer. <i>New Journal of Chemistry</i> , 2018 , 42, 7816-7822	3.6	3
43	Photophysics and NLO properties of Ga(III) and In(III) phthalocyaninates bearing diethyleneglycol chains. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018 , 22, 137-148	1.8	3
42	Carbene insertion to N-H bonds of 2-aminothiazole and 2-amino-1,3,4-thiadiazole derivatives catalyzed by iron phthalocyanine. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019 , 23, 497-506	1.8	3

41	Regiospecific synthesis of lanthanum(III) and neodymium(III) triple-decker (tetrakis-meso-(3-bromophenyl)-porphyrinato)(crownphthalocyaninates). <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 1027-1034	1.8	3
40	Photoconductive and nonlinear optical properties of composites based on metallophthalocyanines. <i>Organic Photonics and Photovoltaics</i> , 2015 , 3,	5	3
39	Synthesis of meso-substituted porphyrins as precursors in creating highly ordered electroluminescent polymer materials. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2009 , 45, 529-534	0.9	3
38	Immobilization of Heterocycle-Appended Porphyrins on UiO-66 and UiO-67 MOFs. <i>Russian Journal of Inorganic Chemistry</i> , 2021 , 66, 193-201	1.5	3
37	Restriction of the rotational relaxation of a butadiyne-bridged porphyrin dimer in ultrathin films. <i>New Journal of Chemistry</i> , 2019 , 43, 11419-11425	3.6	2
36	Coordination self-assembly through weak interactions in meso-dialkoxyphosphoryl-substituted zinc porphyrinates. <i>Dalton Transactions</i> , 2019 , 48, 5372-5383	4.3	2
35	Phthalocyanine Monolayers Self-Assembled Directly from its Thiobenzoyl Derivative. <i>ECS Journal of Solid State Science and Technology</i> , 2020 , 9, 051006	2	2
34	Synthesis of porphyrin-bis(polyazamacrocyclic) triads via Suzuki coupling reaction. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 35-48	1.8	2
33	The influence of a solvent on the aggregation of ruthenium(II) tetra-15-crown-5-phthalocyaninate. <i>Russian Journal of Physical Chemistry A</i> , 2009 , 83, 1907-1912	0.7	2
32	Electrochemical behavior of complex based on ruthenium(II) phthalocyaninate. <i>Russian Journal of Electrochemistry</i> , 2007 , 43, 1350-1357	1.2	2
31	Metal Phthalocyanine and Crown Ether Based Membranes for the Potentiometric Determination of Phenylalanine Methyl Ester Using an Ion-Selective Electrode. <i>Journal of Analytical Chemistry</i> , 2004 , 59, 584-589	1.1	2
30	Tetra-15-Crown-5-Phthalocyaninatocobalt as a Reagent for the Spectrophotometric Determination of Potassium and Sodium in Chloroform/Ethanol/Water Solutions. <i>Journal of Analytical Chemistry</i> , 2002 , 57, 552-556	1.1	2
29	Effect of Transition Metal Cations on Assembly of Highly Ordered 2D Multiporphyrin Arrays on Liquid and Solid Substrates. <i>Macromolecules</i> , 2016 , 9, 378-386	2.2	2
28	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. <i>Macromolecules</i> , 2017 , 10, 400-409 ^{2.2}	2.2	2
27	Interaction of Octopus-like Cobalt(II) Phthalocyaninate with Fullerene C70 Studied by ESR Spectroscopy. <i>Macromolecules</i> , 2018 , 11, 390-395	2.2	2
26	Fluorescence Mode XANES Spectroscopy as a Powerful Tool for Redox-Isomerism Studies in Ultrathin Films. <i>Macromolecules</i> , 2019 , 12, 264-267	2.2	2
25	Functionalized heterocycle-appended porphyrins: catalysis matters.. <i>RSC Advances</i> , 2020 , 10, 42388-42399	3.9	2
24	Lipid Membrane Adsorption Determines Photodynamic Efficiency of Imidazolyl-Substituted Porphyrins. <i>Biomolecules</i> , 2019 , 9,	5.9	2

23	Selective carbene transfer to amines and olefins catalyzed by ruthenium phthalocyanine complexes with donor substituents. <i>Dalton Transactions</i> , 2021 , 50, 2023-2031	4.3	2
22	Proton conductivity as a function of the metal center in porphyrinylphosphonate-based MOFs. <i>Dalton Transactions</i> , 2021 , 50, 6549-6560	4.3	2
21	Cation-Induced Dimerization of Crown-Substituted Gallium Phthalocyanine by Complexing with Alkali Metals: The Crucial Role of a Central Metal. <i>Inorganic Chemistry</i> , 2021 , 60, 1948-1956	5.1	2
20	Spin Crossover in Nickel(II) Tetraphenylporphyrinate via Forced Axial Coordination at the Air/Water Interface. <i>Molecules</i> , 2021 , 26,	4.8	2
19	Switchable Aromaticity of Phthalocyanine via Reversible Nucleophilic Aromatic Addition to an Electron-Deficient Phosphorus(V) Complex. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14053-14058	16.4	2
18	Specific Features of Cation-Induced Aggregation of Tetracrown-Substituted Aluminum(III) Phthalocyaninates. <i>Russian Journal of Inorganic Chemistry</i> , 2020 , 65, 176-184	1.5	1
17	New Hybrid Materials Based on Nanostructured Aluminum Oxyhydroxide and Terbium(III) Bis(Tetra-15-Crown-5-Phthalocyaninate). <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2018 , 54, 185-191	0.9	1
16	Octopus-Type Crown-Bisphthalocyaninate Anchor for Bottom-Up Assembly of Supramolecular Bilayers with Expanded Redox-Switching Capability. <i>Small</i> , 2021 , e2104306	11	1
15	Heteroleptic Crown-Substituted Tris(phthalocyaninates) as Dynamic Supramolecular Scaffolds with Switchable Rotational States and Tunable Magnetic Properties. <i>Inorganic Chemistry</i> , 2021 , 60, 9110-9121	5.1	1
14	Imidazoporphyrins with appended polycyclic aromatic hydrocarbons: To conjugate or not to conjugate?. <i>Dyes and Pigments</i> , 2021 , 186, 109042	4.6	1
13	¹ H NMR spectral analysis of structural features in a series of paramagnetic homoleptic binuclear triple-decker phthalocyaninato lanthanide complexes. <i>Polyhedron</i> , 2022 , 219, 115792	2.7	1
12	Photocatalytic activity of pyrazinoporphyrin in the presence of gold nanoparticles and nanoclusters. <i>Russian Chemical Bulletin</i> , 2021 , 70, 2100-2109	1.7	1
11	Celebrating the 150th Anniversary of the Periodic Table of Chemical Elements: 5th EuChemS Inorganic Chemistry Conference. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4166-4169	2.3	0
10	Interface Asymmetry Induced and Surface Pressure Controlled Valence Tautomerism in Monolayers of bis-Phthalocyaninates of Lanthanides. <i>Symmetry</i> , 2022 , 14, 340	2.7	0
9	Ion-Driven Self-Assembly of Lanthanide Bis-phthalocyaninates into Conductive Quasi-MOF Nanowires: an Approach toward Easily Recyclable Organic Electronics. <i>Inorganic Chemistry</i> , 2021 , 60, 15509-15518	5.1	0
8	Spectrophotometric study of the cation-induced dimerization of heteroleptic terbium(III) tetra-15-crown-5-bisphthalocyaninate. <i>Russian Chemical Bulletin</i> , 2018 , 67, 2195-2200	1.7	0
7	An approach towards modification of UiO-type MOFs with phosphonate-substituted porphyrins. <i>Polyhedron</i> , 2022 , 219, 115794	2.7	0
6	Nuclear magnetic resonance thermosensing properties of holmium(III) and thulium(III) tris(tetra-15-crown-5-phthalocyaninato) complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2022 , 26, 334-339	1.8	0

- 5 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 0.9
- 4 SCIENTIFIC POTENTIAL AS A TOOL FOR RESPONDING TO GLOBAL CHALLENGES **2021**, 32-37
- 3 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 1.8
- 2 Carbene insertion to N-H bonds of 2-aminothiazole and 2-amino-1,3,4-thiadiazole derivatives catalyzed by iron phthalocyanine **2021**, 1198-1207
- 1 Exploring replacement of axially coordinated ligands in ruthenium(II) phthalocyaninates. *Polyhedron*, **2022**, 115821 2.7