

# Victor Borovkov

## List of Publications by Citations

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121  
papers

3,245  
citations

28  
h-index

54  
g-index

135  
ext. papers

3,475  
ext. citations

5.2  
avg. IF

5.29  
L-index

#	Paper	IF	Citations
121	Chirality-sensing supramolecular systems. <i>Chemical Reviews</i> , <b>2008</b> , 108, 1-73	68.1	936
120	Origin, control, and application of supramolecular chirogenesis in bisporphyrin-based systems. <i>Accounts of Chemical Research</i> , <b>2004</b> , 37, 449-59	24.3	172
119	Supramolecular chirogenesis in zinc porphyrins: mechanism, role of guest structure, and application for the absolute configuration determination. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 2979-89	16.4	153
118	Temperature Effect on Supramolecular Chirality Induction in Bis(zinc porphyrin). <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 4403-4407	16.4	88
117	The origin of solvent-controlled supramolecular chirality switching in a bis(zinc porphyrin) system. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 5310-4	16.4	80
116	Rationalization of supramolecular chirality in a bisporphyrin system. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 5481-5	16.4	67
115	Supramolecular chirogenesis in zinc porphyrins: equilibria, binding properties, and thermodynamics. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 2993-3006	16.4	67
114	Solid-state supramolecular chirogenesis: high optical activity and gradual development of zinc octaethylporphyrin aggregates. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 1746-9	16.4	61
113	Supramolecular chirogenesis in zinc porphyrins: interaction with bidentate ligands, formation of tweezer structures, and the origin of enhanced optical activity. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 7176-92	4.2	60
112	Synthesis and properties of cis - 1,2 - bis (octaethylporphyrinyl)ethylene. <i>Tetrahedron Letters</i> , <b>1993</b> , 34, 2153-2156	2	59
111	Direct determination of absolute configuration of monoalcohols by bis(magnesium porphyrin). <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 13676-7	16.4	56
110	Synthesis of Zn-, Mn-, and Fe-Containing Mono- and Heterometallated Ethanediyl-Bridged Porphyrin Dimers. <i>Helvetica Chimica Acta</i> , <b>1999</b> , 82, 919-934	2	53
109	Supramolecular chirogenesis in bis(zinc porphyrin): An absolute configuration probe highly sensitive to guest structure. <i>Organic Letters</i> , <b>2000</b> , 2, 1565-8	6.2	49
108	Remarkable stability and enhanced optical activity of a chiral supramolecular bis-porphyrin tweezer in both solution and solid state. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 11282-3	16.4	48
107	Photophysical Properties, Self-Assembly Behavior, and Energy Transfer of Porphyrin-Based Functional Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 11401-11407	3.8	45
106	Stoichiometry-controlled supramolecular chirality induction and inversion in bisporphyrin systems. <i>Organic Letters</i> , <b>2002</b> , 4, 169-71	6.2	45
105	Supramolecular Chirality in Porphyrin Chemistry. <i>Symmetry</i> , <b>2014</b> , 6, 256-294	2.7	44

104	Syn-Anti Conformational Changes in Zinc Porphyrin Dimers Induced by Temperature-Controlled Alcohol Ligation. <i>Journal of Physical Chemistry B</i> , <b>1999</b> , 103, 5151-5156	3.4	44
103	Supramolecular chirality induction in bis(zinc porphyrin) by amino acid derivatives: rationalization and applications of the ligand bulkiness effect. <i>Chirality</i> , <b>2001</b> , 13, 329-35	2.1	41
102	Phase-sensitive supramolecular chirogenesis in bisporphyrin systems. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 1378-81	16.4	39
101	Supramolecular Chirogenesis in Zinc Porphyrins: Investigation of Zinc-Freebase Bis-Porphyrin, New Mechanistic Insights, Extension of Sensing Abilities, and Solvent Effect. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 8677-8686	2.8	35
100	Helicene-Based Chiral Auxiliaries and Chirogenesis. <i>Symmetry</i> , <b>2018</b> , 10, 10	2.7	34
99	Supramolecular chirogenesis in bis-porphyrins: interaction with chiral acids and application for the absolute configuration assignment. <i>Organic Letters</i> , <b>2007</b> , 9, 433-5	6.2	34
98	Monomeric, dimeric and hexameric resorcin[4]arene assemblies with alcohols in apolar solvents. <i>Chemical Communications</i> , <b>2008</b> , 3873-5	5.8	33
97	Supramolecular Chirogenesis in Host-Guest Systems Containing Porphyrinoids	89-146	32
96	New insights into the geometry of resorcin[4]arenes: solvent-mediated supramolecular conformational and chiroptical control. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 976-82	4.2	30
95	Ethane-bridged zinc porphyrin dimers in Langmuir-Blodgett thin films: structural and spectroscopic properties. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 4691-8	3.4	28
94	Elucidation of the Mechanism of Supramolecular Chirality Inversion in Bis(zinc porphyrin) by Dynamic Approach Using CD and <sup>1</sup> H NMR Spectroscopy. <i>Journal of Physical Chemistry A</i> , <b>2000</b> , 104, 9213-9219	2.8	28
93	An insight on type I collagen from horse tendon for the manufacture of implantable devices. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 154, 291-306	7.9	26
92	Porphyrin-quinone compounds as synthetic models of the reaction centre in photosynthesis. <i>Russian Chemical Reviews</i> , <b>1989</b> , 58, 602-619	6.8	26
91	Syn-Anti conformation switching of a bis-porphyrin derivative at the air-water interface and in the solid state as an effective tool for chemical sensing. <i>Soft Matter</i> , <b>2013</b> , 9, 2302	3.6	25
90	Organic Photovoltaic Cell with Donor-Acceptor Double Heterojunctions. <i>Japanese Journal of Applied Physics</i> , <b>1996</b> , 35, L1438-L1441	1.4	25
89	Application of quinone thio derivatives as a basis for assembling complex molecular systems at an electrode surface. <i>Journal of Electroanalytical Chemistry</i> , <b>1992</b> , 326, 197-212	4.1	25
88	Pyrogallol[4]arenes as artificial receptors for l-carnitine. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 1374-1376	2	22
87	Chiral Bis-chlorin: enantiomer resolution and absolute configuration determination. <i>Organic Letters</i> , <b>2005</b> , 7, 1015-8	6.2	22

86	An Acid-Base Controlled Molecular Switch. syn-anti-Conformational Switching in a Exo Bis(Iron Porphyrin). <i>Chemistry Letters</i> , <b>2003</b> , 32, 428-429	1.7	22
85	Optically active supramolecular systems based on porphyrins. <i>Russian Chemical Reviews</i> , <b>2006</b> , 75, 737-748	4.8	21
84	Supramolecular chirogenesis with bis-chlorin versus bis-porphyrin hosts: peculiarities of chirality induction and modulation of optical activity. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 8743-54	4.2	21
83	Convenient Method for Efficient Iron and Manganese Ion Insertion into Various Porphyrins under Mild Conditions. <i>Synlett</i> , <b>1999</b> , 1999, 61-62	2.2	21
82	Enhanced sensing properties of cobalt bis-porphyrin derivative thin films by a magneto-plasmonic-opto-chemical sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 246, 1039-1048	8.5	20
81	Temperature controlled syn-anti conformational switching in zinc containing porphyrin dimers via ligand assistance. <i>Tetrahedron Letters</i> , <b>1999</b> , 40, 5051-5054	2	20
80	Redox-Induced cis-trans Isomerisation of Bis(porphyrinyl)ethenes: A Possible Basis for a Molecular Memory Element?. <i>Chemistry Letters</i> , <b>1996</b> , 25, 485-486	1.7	19
79	Porphyrin-Based Functional Nanoparticles: Conformational and Photophysical Properties of Bis-Porphyrin and Bis-Porphyrin Encapsulated Polymer Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 24029-24036	3.8	18
78	Supramolecular chiral recognition by bis-chlorins: a two-point interaction mode combined with the host's conformational modulation controlled by the guest's stereochemistry and bulkiness. <i>Organic Letters</i> , <b>2006</b> , 8, 2337-40	6.2	18
77	A new type of chiral porphyrin: Organopalladium porphyrins with chiral chelating diphosphine ligands. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 2162-2170	2.3	18
76	Enantioselective One-Pot Synthesis of $\beta$ -Epoxy Ketones via Aerobic Oxidation of Cyclopropanols. <i>Organic Letters</i> , <b>2017</b> , 19, 3544-3547	6.2	17
75	Highly Crowded trans-Olefin. Molecular Structure of trans-1,2-Bis[meso-[nickel(II)octaethylporphyrinyl]]ethene. <i>Chemistry Letters</i> , <b>1993</b> , 22, 1071-1074	1.7	17
74	Photochromic atropisomer generation and conformation determination in a ruthenium bis(bipyridine) phosphonite gamma-cyclodextrin system. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 12232-7	16.4	16
73	Tailor-Made Supramolecular Chirogenic System Based on Cs-Symmetric Rigid Organophosphoric Acid Host and Amino Alcohols: Mechanistic Studies, Bulkiness Effect, and Chirality Sensing. <i>Organic Letters</i> , <b>2016</b> , 18, 440-3	6.2	15
72	Conformational switching in bis(zinc porphyrin) Langmuir-Schaefer film as an effective tool for selectively sensing aromatic amines. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 385, 282-4	9.3	14
71	A Versatile Bisporphyrinoid Motif for Supramolecular Chirogenesis. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 189-197	3.2	14
70	Supramolecular chirogenesis in weakly interacting hosts: role of the temperature, structural, and electronic factors in enhancement of chiroptical sensitivity. <i>Organic Letters</i> , <b>2008</b> , 10, 1283-6	6.2	14
69	Structurally Controlled Porphyrin-Aggregation Process in Phospholipid Membranes. <i>Photochemistry and Photobiology</i> , <b>1996</b> , 63, 477-482	3.6	14

68	Mechanistic Studies on Oxidation Reaction of Ethane-Bridged Porphyrin Dimers totrans-Ethylene-Bridged Species. <i>Chemistry Letters</i> , <b>1993</b> , 22, 1409-1412	1.7	14
67	Sui Generis Helicene-Based Supramolecular Chirogenic System: Enantioselective Sensing, Solvent Control, and Application in Chiral Group Transfer Reaction. <i>ACS Omega</i> , <b>2017</b> , 2, 592-598	3.9	13
66	The role of the central metal ion of ethane-bridged bis-porphyrins in histidine sensing. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 533, 762-770	9.3	13
65	Synthesis and fluorescence behavior of novel Ru(bpy) <sub>3</sub> porphyrin conjugates. <i>Tetrahedron Letters</i> , <b>2000</b> , 41, 4781-4786	2	12
64	A Quinoline-Appended Cyclodextrin Derivative as a Highly Selective Receptor and Colorimetric Probe for Nucleotides. <i>IScience</i> , <b>2020</b> , 23, 100927	6.1	10
63	Effective Supramolecular Chirogenesis in Ethane-Bridged Bis-Porphyrinoids. <i>Symmetry</i> , <b>2010</b> , 2, 184-200	2.7	10
62	cis/trans Isomerisation and atropisomerism of octaethyl 1,2-bis(coproporphyrinyl)ethylene ester. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 1927-1928		10
61	Directional Approach to Enantiomerically Enriched Functionalized [7]Oxa-helicenoids and Groove-Based Selective Cyanide Sensing. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 1847-1860	4.2	10
60	Direct Asymmetric Three-Component Mannich Reaction Catalyzed by Chiral Counteranion-Assisted Silver. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 10369-10377	4.2	10
59	Durability enhancement of chirally modified metallic nickel catalysts for enantioselective hydrogenation. <i>Catalysis Communications</i> , <b>2011</b> , 15, 15-17	3.2	9
58	Molecular organization and syn/anti conformational equilibria in ethane-bridged bis(zinc porphyrin) floating films at the air/water interface. <i>Surface Science</i> , <b>2004</b> , 572, 66-76	1.8	9
57	High Efficient Catalytic Oxidation of Steroidal Olefins by Metalloporphyrin-Reductant-Molecular Oxygen Biomimetic Systems. <i>Chemistry Letters</i> , <b>1995</b> , 24, 441-442	1.7	9
56	Synthesis and Properties of Pheophorbide-Quinone Compounds. <i>Bulletin of the Chemical Society of Japan</i> , <b>1992</b> , 65, 1533-1537	5.1	9
55	Supramolecular chirogenesis in zinc porphyrins by enantiopure hemicucurbit[n]urils (n = 6, 8). <i>Chemical Communications</i> , <b>2019</b> , 55, 14434-14437	5.8	9
54	Medium viscosity effect on fluorescent properties of Sn(IV)-tetra(4-sulfonatophenyl)porphyrin complexes in buffer solutions. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 277, 1047-1053	6	9
53	Simplified preparation of chirally modified nickel catalyst for enantioselective hydrogenation: A step forward to industrial use. <i>Applied Catalysis A: General</i> , <b>2012</b> , 445-446, 269-273	5.1	8
52	Efficient Synthesis of Unsymmetrical Transition Metalloporphyrin Dimers under Mild Conditions. <i>Synlett</i> , <b>1998</b> , 1998, 768-770	2.2	8
51	Ethane-Bridged Bisporphyrin Conformational Changes As an Effective Analytical Tool for Nonenzymatic Detection of Urea in the Physiological Range. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 6952-6958	7.8	7

50	Chiral Heterocycle-Based Receptors for Enantioselective Recognition. <i>Symmetry</i> , <b>2018</b> , 10, 34	2.7	7
49	Benzyne-Mediated Nonconcerted Pathway toward Synthesis of Sterically Crowded [5]- and [7]Oxahelicenoids, Stereochemical and Theoretical Studies, and Optical Resolution of Helicenoids. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 860-868	4.2	7
48	Conformational switching of ethano-bridged Cu <sub>2</sub> -bis-porphyrin induced by aromatic amines. <i>Beilstein Journal of Nanotechnology</i> , <b>2015</b> , 6, 2154-60	3	6
47	Thermodynamic aspects of the host-guest chemistry of pyrogallol[4]arenes and peralkylated ammonium cations. <i>Tetrahedron</i> , <b>2009</b> , 65, 2711-2715	2.4	6
46	Heterocomponent ternary supramolecular complexes of porphyrins: A review. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2019</b> , 23, 1308-1325	1.8	6
45	Enantio-differentiating hydrogenation of alkyl 3-oxobutanoates over tartaric acid-modified Ni catalyst: Enthalpy-entropy compensation effect as a tool for elucidating mechanistic features. <i>Molecular Catalysis</i> , <b>2018</b> , 449, 131-136	3.3	5
44	Catalytic Enantiodifferentiating Hydrogenation with Commercial Nickel Powders Chirally Modified by Tartaric Acid and Sodium Bromide. <i>ChemCatChem</i> , <b>2014</b> , 6, 170-178	5.2	5
43	Enhancement of catalytic efficiency of metalloporphyrin-reductant-molecular oxygen biomimetic system by aminoacid external ligands. <i>Journal of Molecular Catalysis A</i> , <b>1997</b> , 120, L1-L4		5
42	Enthalpy-entropy compensation upon syn-anti conformational switching of bis-porphyrins by amines and alcohols. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2003</b> , 07, 337-341	1.8	5
41	Observation of conformational relaxation hindrance in the singlet excited state for porphyrin incorporated in a lipid membrane. <i>Chemical Physics Letters</i> , <b>1994</b> , 226, 337-343	2.5	5
40	Highly sensitive conformational switching of ethane-bridged mono-zinc bis-porphyrin as an application tool for rapid monitoring of aqueous ammonia and acetone. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 257, 685-691	8.5	5
39	Book review of [Lanthanide metal-organic frameworks] <i>Frontiers in Chemistry</i> , <b>2015</b> , 3,	5	4
38	Spectroelectrochemistry of Porphyrin Containing Mono- and Hetero-Bimetallic Systems: Porphyrin-Ru(bpy) <sub>3</sub> Conjugates. <i>Bulletin of the Chemical Society of Japan</i> , <b>2003</b> , 76, 309-316	5.1	4
37	Mechanism of charge transfer in the molecular DPQ complex studied by time-resolved fluorescence spectroscopy. <i>The Journal of Physical Chemistry</i> , <b>1991</b> , 95, 6437-6440		4
36	Supramolecular chirogenesis in zinc porphyrins: Complexation with enantiopure thiourea derivatives, binding studies and chirality transfer mechanism. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2020</b> , 24, 840-849	1.8	4
35	Stereoselective Biginelli-like reaction catalyzed by a chiral phosphoric acid bearing two hydroxy groups. <i>Beilstein Journal of Organic Chemistry</i> , <b>2020</b> , 16, 1875-1880	2.5	4
34	Aerobic Oxidations in Asymmetric Synthesis: Catalytic Strategies and Recent Developments. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 614944	5	4
33	Benchmarking computational methods and influence of guest conformation on chirogenesis in zinc porphyrin complexes. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 11025-11037	3.6	3



32	Aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts. <i>Tetrahedron</i> , <b>2018</b> , 74, 661-664	2.4	3
31	Spatial Organization of Multi-Porphyrinoids for Pre-Defined Properties. <i>Handbook of Porphyrin Science</i> , <b>2014</b> , 367-428	0.3	3
30	Enhanced enantioselectivity in the heterogeneous catalytic hydrogenation of acetoacetate esters into the corresponding 3-hydroxybutyrates using commercial nickel powder. <i>Tetrahedron: Asymmetry</i> , <b>2014</b> , 25, 1630-1633		2
29	Crystal Structure of Bis-Zn-porphyrin. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , <b>2006</b> , 22, X77-X78		2
28	Synthesis and spectral properties of porphyrinquinone derivatives based on deuteroporphyrin IX. <i>Chemistry of Heterocyclic Compounds</i> , <b>1988</b> , 24, 494-501	1.4	2
27	Chirogenesis in Zinc Porphyrins: Theoretical Evaluation of Electronic Transitions, Controlling Structural Factors and Axial Ligation. <i>ChemPhysChem</i> , <b>2021</b> , 22, 1817-1833	3.2	2
26	Highly Chemoselective Solvent-Free Synthesis of 1,3,5-Triaryl-1,5-diketones: Crystallographic Investigation and Intramolecular Weak Bifurcated H Bonds Involving Aliphatic C-H Group. <i>Synlett</i> , <b>2019</b> , 30, 2143-2147	2.2	1
25	Heterogeneous Enantioselective Hydrogenation: pH Dependence and Interplay between Catalytic Efficacy and Surface Composition. <i>Chemistry Letters</i> , <b>2013</b> , 42, 1225-1226	1.7	1
24	Evidence for Parallel Photoinduced Electron Transfer in Diquinone Substituted Porphyrins. <i>Chemistry Letters</i> , <b>1993</b> , 22, 145-148	1.7	1
23	A New Approach to Study of Solvent Effect on Intramolecular Electron Transfer. <i>Chemistry Letters</i> , <b>1993</b> , 22, 737-740	1.7	1
22	Synthesis of rigidly linked triad molecules based on octaalkylporphyrin, capable of multistep electron transfer. <i>Chemistry of Heterocyclic Compounds</i> , <b>1994</b> , 30, 905-915	1.4	1
21	Synthesis of diquinone derivatives of deuteroporphyrin ix for the study of the first stage in the process of photosynthesis. <i>Chemistry of Heterocyclic Compounds</i> , <b>1992</b> , 28, 142-147	1.4	1
20	Mixed Oxime-Functionalized IL/16-s-16 Gemini Surfactants System: Physicochemical Study and Structural Transitions in the Presence of Promethazine as a Potential Chiral Pollutant. <i>Chemosensors</i> , <b>2022</b> , 10, 46	4	1
19	Stereospecific Synthesis of Cyclic Sulfite Esters with Sulfur-Centered Chirality via Diastereoselective Strategy and Intramolecular H-Bonding Assistance. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 379-387	4.2	1
18	Supramolecular Chirogenesis in Bis-Porphyrin: Crystallographic Structure and CD Spectra for a Complex with a Chiral Guanidine Derivative. <i>Symmetry</i> , <b>2021</b> , 13, 275	2.7	1
17	Thiourea Organocatalysts as Emerging Chiral Pollutants: En Route to Porphyrin-Based (Chir)Optical Sensing. <i>Chemosensors</i> , <b>2021</b> , 9, 278	4	1
16	From Supramolecular Chirogenic Systems towards Prospective Functional Materials. <i>Advanced Materials Research</i> , <b>2013</b> , 699, 87-91	0.5	0
15	Synthesis of a triad molecular system containing the photosensitizer mesoporphyrin II and a secondary electron donor and acceptor for modeling the photosynthesis process. <i>Chemistry of Heterocyclic Compounds</i> , <b>1995</b> , 31, 296-302	1.4	0

- 14 An Efficient Method for Long-Term Configurational Stabilization of Chiral Tricyclic Dipeptide via Heterocomplexation Approach. *ChemistrySelect*, **2019**, 4, 3210-3213 1.8
- 13 Spectroscopic Study of (all-R,R)-cyclohexanohemicurbit[8]uril and Its Host-Guest Supramolecular Hexafluorophosphate Complexes. *Proceedings (mdpi)*, **2018**, 2, 64 0.3
- 12 Chirogenesis in Supramolecular Systems on the Basis of Porphyrinoids. *Proceedings (mdpi)*, **2018**, 2, 67 0.3
- 11 Chirogenesis in Supramolecular Systems on the Basis of Porphyrinoids. *Proceedings (mdpi)*, **2018**, 2, 83 0.3
- 10 Porphyrins.. *Chemistry of Heterocyclic Compounds*, **1997**, 33, 1405-1420 1.4
- 9 The effect of amino acids on the rate of hydroxylation of cholesterol catalyzed by Mn and Fe porphyrinates. *Russian Chemical Bulletin*, **1996**, 45, 2850-2853 1.7
- 8 Synthesis of a donor-acceptor photosynthetic system containing covalently bound amine, porphyrin, and quinone. *Chemistry of Heterocyclic Compounds*, **1991**, 27, 158-161 1.4
- 7 Synthesis and study of the spectral properties of diquinone derivatives of hematoporphyrin IX. *Chemistry of Heterocyclic Compounds*, **1991**, 27, 1059-1064 1.4
- 6 Synthesis of a model photosynthetic system of the covered type based on mesoporphyrin II. *Chemistry of Heterocyclic Compounds*, **1991**, 27, 1144-1148 1.4
- 5 Chirogenesis in Supramolecular Systems **2021**, 85-147
- 4 Efficient Synthesis of Novel Quinolinone Derivatives via Catalyst-free Multicomponent Reaction. *Letters in Organic Chemistry*, **2020**, 17, 403-407 0.6
- 3 Heterocomponent ternary supramolecular complexes of porphyrins: A review **2021**, 816-833
- 2 MagnetoPlasmonic Waves/HOMO-LUMO Free Electron Transitions Coupling in Organic Macrocycles and Their Effect in Sensing Applications. *Chemosensors*, **2021**, 9, 272 4
- 1 Highly chemo- and regioselective synthesis and subsequent directional catalyst-free transformation of enantiopure bioxirane derivatives. *Tetrahedron*, **2022**, 132763 2.4