

Viktor Ya Chernii

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ditopic Macropolycyclic Complexes: Synthesis of Hybrid Phthalocyaninocathrochelates. <i>Inorganic Chemistry</i> , 2005, 44, 822-824.	1.9	49
2	Mössbauer, Crystallographic, and Density Functional Theoretical Investigation of the Electronic Structure of Bis-Ligated Low-Spin Iron(II) Phthalocyanines. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 733-743.	1.0	48
3	Synthesis and luminescent properties of new zirconium(IV) and hafnium(IV) phthalocyanines with various carbonic acids as out-planed ligands. <i>Dyes and Pigments</i> , 2007, 75, 67-72.	2.0	30
4	Synthesis and spectral properties of Zr(IV) and Hf(IV) phthalocyanines with β^2 -diketonates as axial ligands. <i>Inorganica Chimica Acta</i> , 2008, 361, 2569-2581.	1.2	30
5	New photosensitive nanometric graphite oxide composites as antimicrobial material with prolonged action. <i>Journal of Inorganic Biochemistry</i> , 2016, 159, 142-148.	1.5	25
6	Synthesis, properties and Mössbauer spectra of bisaxially co-ordinated iron(II) phthalocyanine low-spin complexes: the first semi-quantitative explanation of the influence of the character of axial ligands on the spectral parameters. <i>Dalton Transactions RSC</i> , 2000, , 1019-1025.	2.3	24
7	Spectroscopic characterization of zirconium(IV) and hafnium(IV) gallate phthalocyanines in monolithic silica gels obtained by sol-gel method. <i>Optical Materials</i> , 2005, 27, 1484-1494.	1.7	20
8	The impact of binding of macrocyclic metal complexes on amyloid fibrillization of insulin and lysozyme. <i>Journal of Molecular Recognition</i> , 2017, 30, e2622.	1.1	20
9	Synthesis and properties of axially substituted zirconium(IV) and hafnium(IV) phthalocyanines with organic ligands. <i>Journal of Porphyrins and Phthalocyanines</i> , 2001, 05, 731-734.	0.4	19
10	Novel zirconium (IV) and hafnium (IV) phthalocyanines with dibenzoylmethane as out-of-plane ligand: Synthesis, X-ray structure and fluorescent properties. <i>Dyes and Pigments</i> , 2012, 94, 187-194.	2.0	19
11	Studies of anti-fibrillogenic activity of phthalocyanines of zirconium containing out-of-plane ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 330-334.	1.4	19
12	Synthesis, Spectral Properties, and Antitumor Activity of a New Axially Substituted Phthalocyanine Complex of Zirconium(IV) with Citric Acid. <i>Chemistry and Biodiversity</i> , 2004, 1, 862-867.	1.0	18
13	Synthesis and spectral properties of axially substituted zirconium(IV) and hafnium(IV) water soluble phthalocyanines in solutions. <i>Journal of Alloys and Compounds</i> , 2004, 380, 186-190.	2.8	16
14	Design of functionalized β^2 -ketoenole derivatives as efficient fluorescent dyes for detection of amyloid fibrils. <i>New Journal of Chemistry</i> , 2018, 42, 13308-13318.	1.4	15
15	Electrochemistry and spectroelectrochemistry of zirconium(IV) and hafnium(IV) phthalocyanines with β -diketone axial ligands. <i>Macrocyclics</i> , 2011, 4, 164-170.	0.9	15
16	Fluorescent β^2 -ketoenole AmyGreen dye for visualization of amyloid components of bacterial biofilms. <i>Methods and Applications in Fluorescence</i> , 2020, 8, 035006.	1.1	13
17	Synthesis, structure, spectroscopic properties, and electrochemical behavior of mixed ligand bis(β^2 -ketoesterato)zirconium (IV) and -hafnium (IV) phthalocyaninates. <i>Inorganica Chimica Acta</i> , 2007, 360, 1493-1501.	1.2	12
18	Correlation between computer models of structure of 5-sulfosalicylato Zr(IV) phthalocyanine with results obtained by NMR, ESI-MS and UV-Vis spectra. <i>Optical Materials</i> , 2010, 32, 1193-1201.	1.7	12

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19	Dynamics of redox processes and electrochromism of films of zirconium (IV) phthalocyanines with out-of-plane β^2 -dicarbonyl ligands. <i>Solid State Ionics</i> , 2009, 180, 928-933.	1.3	11
20	Towards the anti-fibrillogenic activity of phthalocyanines with out-of-plane ligands: correlation with self-association proneness. <i>Biopolymers and Cell</i> , 2013, 29, 473-479.	0.1	11
21	Anti-fibrillogenic properties of phthalocyanines: Effect of the out-of-plane ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6918-6923.	1.4	11
22	β^2 -ketoenole dyes: Synthesis and study as fluorescent sensors for protein amyloid aggregates. <i>Dyes and Pigments</i> , 2016, 132, 274-281.	2.0	10
23	Synthesis and spectral characterization of the first fluorescein-tagged iron(<i>II</i>) clathrochelates, their supramolecular interactions with globular proteins, and cellular uptake. <i>RSC Advances</i> , 2021, 11, 8163-8177.	1.7	10
24	Electrochemical Behavior of Novel Bis(β^2 -diketonate)phthalocyanine Complexes of Zr(IV) and Hf(IV). <i>Theoretical and Experimental Chemistry</i> , 2003, 39, 104-108.	0.2	8
25	Study of tetraphenylporphyrins as modifiers of insulin amyloid aggregation. <i>Journal of Molecular Recognition</i> , 2020, 33, e2811.	1.1	8
26	Modification of insulin amyloid aggregation by Zr phthalocyanines functionalized with dehydroacetic acid derivatives. <i>PLoS ONE</i> , 2021, 16, e0243904.	1.1	8
27	Physicochemical properties of novel mixed-ligand complexes of zirconium and hafnium bis(4-benzoyl-3-methyl-1-phenyl-2-pyrazolin-5-onato)phthalocyaninates. <i>Theoretical and Experimental Chemistry</i> , 2006, 42, 175-180.	0.2	7
28	Activity of Zn and Mg phthalocyanines and porphyrazines in amyloid aggregation of insulin. <i>Journal of Molecular Recognition</i> , 2018, 31, e2660.	1.1	7
29	Gasochromic β^2 -Ni(OH) ₂ films for the determination of CO and chlorine content. <i>Sensors and Actuators B: Chemical</i> , 2017, 244, 717-726.	4.0	6
30	Chemical design of the heterodifunctionalized iron(II) clathrochelates with terminal biorelevant carboxyl group and reactive triple C≡C bond: Synthesis, structure, redox properties and their stability in various media. <i>Inorganica Chimica Acta</i> , 2019, 496, 119047.	1.2	4
31	Gallato Zirconium (IV) Phtalocyanine Complex Conjugated with SiO ₂ Nanocarrier as a Photoactive Drug for Photodynamic Therapy of Atheromatic Plaque. <i>Molecules</i> , 2021, 26, 260.	1.7	4
32	Composites based on graphite oxide and zirconium phthalocyanines with aromatic amino acids as photoactive materials. <i>Chemical Papers</i> , 2021, 75, 5421-5433.	1.0	4
33	Synthesis and Reactivity of Zirconium and Hafnium Dihydroxophthalocyaninates. <i>Russian Journal of Inorganic Chemistry</i> , 2020, 65, 1489-1493.	0.3	3
34	Characterization of the Interaction between Phthalocyanine and Amyloid Fibrils by Surface-Enhanced Raman Scattering (SERS). <i>Analytical Letters</i> , 2018, 51, 221-228.	1.0	2
35	Using d-metal alkanoates as templates and the reaction medium for the synthesis of metal phthalocyanines. <i>Macroheterocycles</i> , 2013, 6, 360-362.	0.9	1
36	Spectroscopic, electrocatalytic, and photoelectrochemical characteristics of mixed-ligand bis(β^2 -dicarbonylato) phthalocyanine complexes of zirconium(IV) and hafnium(IV). <i>Theoretical and Experimental Chemistry</i> , 2008, 44, 139-143.	0.2	0

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37	Spectral manifestation of substitution of out-of-plane ligands in metallophthalocyanines. EPJ Web of Conferences, 2017, 132, 03044.	0.1	0
38	SYNTHESIS AND PROPERTIES OF CHALCONES BASED ON DEHYDROACETIC ACID. Ukrainian Chemistry Journal, 2021, 87, 3-14.	0.1	0
39	Esterification vs. 1,3-Dipolar Cycloaddition Synthetic Approaches for Preparation of the Fluorescently Labelled Iron(II) Clathrochelates. Macroheterocycles, 2021, 14, 94-100.	0.9	0
40	OUT-OF-PLANE COORDINATED ZIRCONIUM(IV) AND HAFNIUM(IV) PHTHALOCYANINATES. Ukrainian Chemistry Journal, 2021, 87, 82-98.	0.1	0
41	CRYSTAL STRUCTURE AND TAUTOMERISM OF ALKYLAMINO- β^2 -KETOENOLS IN SOLUTIONS. Ukrainian Chemical Journal, 2019, 85, 73-82.	0.3	0
42	SYNTHESIS OF MODIFIED FLUORESCINE FOR CLICK REACTIONS. Ukrainian Chemical Journal, 2020, 86, 3-8.	0.3	0