

# Victor E Pushkarev

## List of Publications by Year in descending order

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papers

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of heteroleptic rare earth double-decker complexes involving tetradiazepinoporphyrazine and phthalocyanine macrocycles. <i>Dalton Transactions</i> , 2021, 50, 6245-6255.	3.3	6
2	Resonant Plasmon-Enhanced Absorption of Charge Transfer Complexes in a Metal-Organic Monolayer. <i>Advanced Optical Materials</i> , 2021, 9, 2100065.	7.3	4
3	First selective one-stage transformation of A4-to A3B- type Phthalocyanine. <i>Dyes and Pigments</i> , 2021, 194, 109571.	3.7	0
4	5-Phenyl- and 5,10-diphenyltetrabenzoporphyrins: Novel synthetic approach, physicochemical study with an emphasis on NMR spectroscopy, and identification of benzylated derivatives. <i>Dyes and Pigments</i> , 2020, 175, 108130.	3.7	0
5	Low-symmetry A3B type pentachlorocyclotriphosphazene substituted phthalocyanine with improved nonlinear optical properties: Synthesis, spectroscopic and ab initio/(TD)DFT study. <i>Dyes and Pigments</i> , 2020, 174, 108095.	3.7	15
6	Synthesis of 1,2-Dicyano-3-arylcycl[3.2.2]azines – First 1,2-Dicarbonitriles Based on Cyclazine Heterocycle. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5852-5856.	2.4	4
7	Sandwich double-decker Er(III) and Yb(III) complexes containing naphthalocyanine moiety: synthesis and investigation of the effect of a paramagnetic metal center. <i>Dalton Transactions</i> , 2019, 48, 13413-13422.	3.3	4
8	Sandwich quadruple-decker binuclear lanthanide(III) complexes based on clamshell-type phthalocyanine ligand: synthesis and physicochemical studies. <i>Dyes and Pigments</i> , 2019, 170, 107648.	3.7	8
9	Features of nonlinear optical properties of thin-film phthalocyanine coatings obtained by femtosecond hardware-software Z-scan measurement complex. <i>Journal of Physics: Conference Series</i> , 2019, 1309, 012021.	0.4	0
10	PCNA expression as a marker of proliferation in benign and highly differentiated malignant tumors of the human thyroid gland (literature review and clinical case). <i>MAĵnarodnij EndokrinologĴij Ĵurnal</i> , 2019, 15, 339-343.	0.4	1
11	Optical readout of controlled monomer-dimer self-assembly. <i>Dalton Transactions</i> , 2018, 47, 14169-14173.	3.3	10
12	Monomeric aluminum complex based on A3B-type mono-hydroxy-functionalized phthalocyanine and its stable supramolecular J-type dimer: Selective synthesis and physicochemical properties. <i>Dyes and Pigments</i> , 2018, 149, 201-211.	3.7	10
13	A mathematical analysis of deviations from linearity of Beer's law. <i>Chemical Physics Letters</i> , 2018, 706, 520-524.	2.6	20
14	A sandwich clamshell-type phthalocyaninato quadruple-decker binuclear lutetium(III) complex: Synthesis and spectral properties. <i>Dyes and Pigments</i> , 2018, 159, 573-575.	3.7	7
15	Aggregation of slipped-cofacial phthalocyanine J-type dimers: Spectroscopic and AFM study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 335-340.	3.9	12
16	A Sterically Driven Approach to the Efficient Synthesis of Low-Symmetry 1,4-Diazepinoporphyrazines. <i>Macrocyclics</i> , 2018, 11, 312-315.	0.5	4
17	Threshold concentration in the nonlinear absorbance law. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 12953-12958.	2.8	28
18	Monohydroxyphthalocyanines as potential precursors to create nanoscale optical materials. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 128-134.	0.8	9

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19	Impact of scaling to the resistive switching effect in organic polymer " based structures. Organic Photonics and Photovoltaics, 2016, 4, .	1.3	2
20	Historic overview and new developments in synthetic methods for preparation of the rare-earth tetrapyrrolic complexes. Coordination Chemistry Reviews, 2016, 319, 110-179.	18.8	78
21	Double-decker bis(tetradiazepinoporphyrazinato) rare earth complexes: crucial role of intramolecular hydrogen bonding. Dalton Transactions, 2016, 45, 12041-12052.	3.3	10
22	Plasmon-Induced Light Absorption of Phthalocyanine Layer in Hybrid Nanoparticles: Enhancement Factor and Effective Spectra. Journal of Physical Chemistry C, 2016, 120, 1816-1823.	3.1	27
23	5,7-Bis(2-arylethenyl)-6H-1,4-diazepine-2,3-dicarbonitriles: synthesis, and experimental and theoretical evaluation of the effects of substituents at 5,6,7-positions on the molecular configuration and spectral properties. Organic and Biomolecular Chemistry, 2016, 14, 1138-1146.	2.8	10
24	Cerium bis(tetradiazepinoporphyrazinate): synthesis and peculiarities of spectral and electrochemical behavior. New Journal of Chemistry, 2015, 39, 5797-5804.	2.8	9
25	Stable lanthanum(III) and neodymium(III) sandwich-type complexes based on porphyrazine with annulated diazepine rings. Dyes and Pigments, 2015, 117, 61-63.	3.7	12
26	meso-Phenyltetrabenzotriazaporphyrin based double-decker lanthanide(III) complexes: synthesis, structure, spectral properties and electrochemistry. Dalton Transactions, 2015, 44, 16553-16564.	3.3	9
27	Synthetic Approaches to Functional Derivatives of Cycl[3.2.2]Azine-1,2-Dicarboxylic Acid - Perspective Building Blocks for "Extended Macrocyclic Compounds. Current Organic Synthesis, 2015, 12, 378-384.	1.3	5
28	Synthesis and Spectral Properties of Phthalocyanine "Methylpheophorbide a Covalently Linked Dyad. Macroheterocycles, 2015, 8, 233-238.	0.5	4
29	Plasmon-Exciton Interaction in AuNP-Phthalocyanine Core/Shell Nanostructures. Journal of Physics: Conference Series, 2014, 541, 012064.	0.4	1
30	First X-ray crystallographic study of a meso-substituted tetrabenzotriazaporphyrin: Structural effect of a meso-aryl unit on 27-(2-methylphenyl)tetrabenzotriazaporphyrinato zinc example in comparison with zinc phthalocyaninate. Dyes and Pigments, 2014, 105, 216-222.	3.7	7
31	Tetrabenzotriazaporphyrins: synthesis, properties and application. Russian Chemical Reviews, 2014, 83, 657-675.	6.5	11
32	A highly stable double-coordinated 2-hydroxy-tri(tert-butyl)-substituted zinc phthalocyanine dimer: synthesis, spectral study, thermal stability and electrochemical properties. New Journal of Chemistry, 2014, 38, 5825-5831.	2.8	25
33	The first synthesis of sandwich-type complex based on tetradiazepinoporphyrazine ligand. Journal of Porphyrins and Phthalocyanines, 2014, 18, 149-154.	0.8	7
34	Self-assembly of 2-hydroxy-tri-tert-butylphthalocyaninato zinc into J-type dimer: UV-vis, DFT and spectropotentiometric study. Journal of Porphyrins and Phthalocyanines, 2014, 18, 155-161.	0.8	8
35	Bis(tetrabenzotriazaporphyrinato) and (tetrabenzotriazaporphyrinato)(phthalocyaninato) lutetium(III) complexes " novel sandwich-type tetrapyrrolic ligand based NIR absorbing electrochromes. Dalton Transactions, 2013, 42, 12083.	3.3	18
36	Influence of blue valence absorption band on nonlinear absorption in dysprosium bisphthalocyanine studied by open aperture z-scan. Chemical Physics Letters, 2013, 585, 153-156.	2.6	11

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37	Synthesis of a stable J-type dimer based on the 2-hydroxy-9(10),16(17),23(24)-tri(tert-butyl)phthalocyanine zinc complex. <i>Mendeleev Communications</i> , 2013, 23, 137-139.	1.6	14
38	Synthesis of phthalocyanine compounds bearing 2-(diethoxyphosphoryl)-4-methylpenta-1,3-dienyl functional groups. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 343-350.	0.8	5
39	Z-scan study of nonlinear absorption in novel lanthanide bis-phthalocyanines. <i>Chemical Physics Letters</i> , 2012, 554, 155-158.	2.6	41
40	Directed synthesis of bi- and polynuclear clamshell-type phthalocyanines and their physico-chemical investigations. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 341-350.	0.8	17
41	Measurement of nonlinear optical coefficients by the z-scan technique: Correctness of the technique and investigation of a new compound-lutetium diphthalocyanine complex. <i>Physics of Wave Phenomena</i> , 2012, 20, 137-142.	1.1	3
42	Sandwich Double-Decker Lanthanide(III) Intracavity-Complexes Based on Clamshell-Type Phthalocyanine Ligands: Synthesis, Spectral, Electrochemical, and Spectroelectrochemical Investigations. <i>Chemistry - A European Journal</i> , 2012, 18, 9046-9055.	3.3	51
43	Sandwich-Type Lanthanide(III) Dinaphthalocyanine Complexes Possessing an Intensive Absorption in the Near IR Region: Synthesis and Investigation of Properties. <i>Macrocyclics</i> , 2012, 5, 366-370.	0.5	6
44	Transport and Spectroscopic Features of Composite Semiconductor Material Based on Poly[2-Methoxy-5(2-Ethyl-Hexyloxy)-1,4-Phenylene-Vinylene]. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2012, 7, 614-618.	0.5	0
45	A novel synthetic approach to 27-aryltetrabenzo[5,10,15]triazaporphyrins. <i>Mendeleev Communications</i> , 2011, 21, 92-93.	1.6	18
46	Vibronic properties of organic semiconductors based on phthalocyanine complexes with asymmetrically distributed electron density. <i>Semiconductors</i> , 2010, 44, 766-771.	0.5	4
47	Raman scattering in organic semiconductors based on erbium biphthalocyanine molecules and chlorine-containing europium-lutetium triphthalocyanine molecules. <i>Semiconductors</i> , 2010, 44, 1044-1049.	0.5	0
48	A <sub>3</sub> -Type Phthalocyanine-Based Homoleptic Lanthanide(III) Double-Decker Radical Complexes Bearing Functional Hydroxy Groups: Synthetic Approach, Spectral Properties and Electrochemical Study. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5254-5262.	2.0	35
49	Frequency dependences of the imaginary and real parts of the permittivity of organic semiconductors based on butyl-substituted erbium monophthalocyanine molecules. <i>JETP Letters</i> , 2010, 91, 607-610.	1.4	4
50	Luminescent properties of semiconductor composite systems composed of erbium triphthalocyanine molecules and a silicon slot structure in the near-infrared region. <i>JETP Letters</i> , 2010, 92, 676-680.	1.4	1
51	10.1007/s11453-008-3014-5. , 2010, 42, 321.		0
52	Heteroligand and heteronuclear clamshell-type phthalocyanines: selective preparation, spectral properties, and synthetic application. <i>Tetrahedron Letters</i> , 2009, 50, 4848-4850.	1.4	56
53	Preparation of nanosized sandwich-type structures based on planar binuclear phthalocyanines. <i>Mendeleev Communications</i> , 2009, 19, 24-26.	1.6	10
54	Selective synthesis of clamshell-type binuclear phthalocyanines. <i>Mendeleev Communications</i> , 2009, 19, 78-80.	1.6	24

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55	Synthesis of new lanthanide naphthalocyanine complexes based on 6,7-bis(phenoxy)-2,3-naphthalodinitrile and their spectral and electrochemical investigation. Russian Chemical Bulletin, 2008, 57, 1912-1919.	1.5	15
56	New phthalocyanine complexes with rare-earth elements. Mendeleev Communications, 2008, 18, 94-95.	1.6	6
57	Photoluminescence in semiconductor structures based on butyl-substituted erbium phthalocyanine complexes. Semiconductors, 2008, 42, 321-324.	0.5	17
58	Development of direct methods to produce nanosize structures using phthalocyanine-based building blocks. Journal of Porphyrins and Phthalocyanines, 2008, 12, 1187-1193.	0.8	4
59	Synthetic approaches to lanthanide complexes with tetrapyrrole type ligands. Russian Chemical Reviews, 2008, 77, 875-907.	6.5	45
60	The development of highly selective approaches to sandwich-type heteroleptic double- and triple-decker lutetium(III) and europium(III) phthalocyanine complexes. Tetrahedron Letters, 2007, 48, 5269-5273.	1.4	37
61	Synthesis and structure of europium(III) double- and triple-decker complexes with 2,3,9,10,16,17,23,24-octabutylphthalocyanine. Mendeleev Communications, 2007, 17, 220-221.	1.6	7
62	The first example of a carbon label for interpreting the <sup>13</sup> C NMR spectra of phthalocyanine metal complexes. Mendeleev Communications, 2007, 17, 218-219.	1.6	3
63	Vibronic and electric properties of semiconductor structures based on butyl-substituted mono- and triphthalocyanine containing erbium ions. JETP Letters, 2007, 85, 655-657.	1.4	4
64	Optical properties of organic semiconductors based on erbium phthalocyanine complexes in the mid- and near-infrared spectral regions. Semiconductors, 2007, 41, 1204-1208.	0.5	2
65	Raman scattering in semiconductor structures based on monophthalocyanine and triphthalocyanine molecules incorporating erbium ions. Semiconductors, 2007, 41, 1361-1363.	0.5	2
66	Synthesis of alkyl-substituted phosphorus phthalocyanines and triazatetrabenzocorroles. Russian Chemical Bulletin, 2007, 56, 1456-1460.	1.5	19
67	Synthesis and spectral properties of new planar binuclear phthalocyanines sharing the benzene ring. Russian Chemical Bulletin, 2006, 55, 1155-1158.	1.5	14
68	Synthesis and spectroscopic properties of new unsymmetrically substituted phthalocyanines. Mendeleev Communications, 2005, 15, 24-26.	1.6	8
69	Correlations between electrochemical and spectral properties of alkyl-substituted diphtalocyanine lanthanide complexes. Russian Chemical Bulletin, 2005, 54, 189-194.	1.5	18
70	Synthesis and spectroscopic properties of new boron subphthalocyanine complexes and a heteronuclear phthalocyanine complex. Russian Chemical Bulletin, 2005, 54, 2083-2086.	1.5	12
71	Selective synthesis and spectroscopic properties of alkyl-substituted lanthanide(III) mono-, di-, and triphthalocyanines. Russian Chemical Bulletin, 2005, 54, 2087-2093.	1.5	44
72	Synthesis and spectroscopic study of hexadecaalkyl-substituted rare-earth diphtalocyanines. Russian Chemical Bulletin, 2004, 53, 554-560.	1.5	13