Victor E Pushkarev

List of Publications by Year
in descending order

72	955	516561 16	526166 27
papers	citations	h-index	g-index

77	77	77	759
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Historic overview and new developments in synthetic methods for preparation of the rare-earth tetrapyrrolic complexes. Coordination Chemistry Reviews, 2016, 319, 110-179.	9.5	78
2	Heteroligand and heteronuclear clamshell-type phthalocyanines: selective preparation, spectral properties, and synthetic application. Tetrahedron Letters, 2009, 50, 4848-4850.	0.7	56
3	Sandwich Doubleâ€Decker Lanthanide(III) â€œIntracavityâ€•Complexes Based on Clamshellâ€Type Phthalocyanine Ligands: Synthesis, Spectral, Electrochemical, and Spectroelectrochemical Investigations. Chemistry - A European Journal, 2012, 18, 9046-9055.	1.7	51
4	Synthetic approaches to lanthanide complexes with tetrapyrrole type ligands. Russian Chemical Reviews, 2008, 77, 875-907.	2.5	45
5	Selective synthesis and spectroscopic properties of alkyl-substituted lanthanide(III) mono-, di-, and triphthalocyanines. Russian Chemical Bulletin, 2005, 54, 2087-2093.	0.4	44
6	Z-scan study of nonlinear absorption in novel lanthanide bis-phthalocyanines. Chemical Physics Letters, 2012, 554, 155-158.	1.2	41
7	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.	0.7	37
8	A₃Bâ€Type Phthalocyanineâ€Based Homoleptic Lanthanide(III) Doubleâ€Decker Ï€â€Radical Complexes Bearing Functional Hydroxy Groups: Synthetic Approach, Spectral Properties and Electrochemical Study. European Journal of Inorganic Chemistry, 2010, 2010, 5254-5262.	1.0	35
9	Threshold concentration in the nonlinear absorbance law. Physical Chemistry Chemical Physics, 2017, 19, 12953-12958.	1.3	28
10	Plasmon-Induced Light Absorption of Phthalocyanine Layer in Hybrid Nanoparticles: Enhancement Factor and Effective Spectra. Journal of Physical Chemistry C, 2016, 120, 1816-1823.	1.5	27
11	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.	1.4	25
12	Selective synthesis of clamshell-type binuclear phthalocyanines. Mendeleev Communications, 2009, 19, 78-80.	0.6	24
13	A mathematical analysis of deviations from linearity of Beer's law. Chemical Physics Letters, 2018, 706, 520-524.	1.2	20
14	Synthesis of alkyl-substituted phosphorus phthalocyanines and triazatetrabenzocorroles. Russian Chemical Bulletin, 2007, 56, 1456-1460.	0.4	19
15	Correlations between electrochemical and spectral properties of alkyl-substituted diphthalocyanine lanthanide complexes. Russian Chemical Bulletin, 2005, 54, 189-194.	0.4	18
16	A novel synthetic approach to 27-aryltetrabenzo[5,10,15]triazaporphyrins. Mendeleev Communications, 2011, 21, 92-93.	0.6	18
17	Bis(tetrabenzotriazaporphyrinato) and (tetrabenzotriazaporphyrinato)(phthalocyaninato) lutetium(iii) complexes â€“ novel sandwich-type tetrapyrrolic ligand based NIR absorbing electrochromes. Dalton Transactions, 2013, 42, 12083.	1.6	18
18	Photoluminescence in semiconductor structures based on butyl-substituted erbium phthalocyanine complexes. Semiconductors, 2008, 42, 321-324.	0.2	17

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19	Directed synthesis of bi- and polynuclear clamshell-type phthalocyanines and their physico-chemical investigations. Journal of Porphyrins and Phthalocyanines, 2012, 16, 341-350.	0.4	17
20	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.	0.4	15
21	Low-symmetry A3B type pentachlorocyclotriphosphazene substituted phthalocyanine with improved nonlinear optical properties: Synthesis, spectroscopic and ab initio/(TD)DFT study. Dyes and Pigments, 2020, 174, 108095.	2.0	15
22	Synthesis and spectral properties of new planar binuclear phthalocyanines sharing the benzene ring. Russian Chemical Bulletin, 2006, 55, 1155-1158.	0.4	14
23	Synthesis of a stable J-type dimer based on the 2-hydroxy-9(10),16(17),23(24)-tri(tert-butyl)phthalocyanine zinc complex. Mendeleev Communications, 2013, 23, 137-139.	0.6	14
24	Synthesis and spectroscopic study of hexadecaalkyl-substituted rare-earth diphthalocyanines. Russian Chemical Bulletin, 2004, 53, 554-560.	0.4	13
25	Synthesis and spectroscopic properties of new boron subphthalocyanine complexes and a heteronuclear phthalocyanine complex. Russian Chemical Bulletin, 2005, 54, 2083-2086.	0.4	12
26	Stable lanthanum(III) and neodymium(III) sandwich-type complexes based on porphyrazine with annulated diazepine rings. Dyes and Pigments, 2015, 117, 61-63.	2.0	12
27	Aggregation of slipped-cofacial phthalocyanine J-type dimers: Spectroscopic and AFM study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 335-340.	2.0	12
28	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.	1.2	11
29	Tetrabenzotriazaporphyrins: synthesis, properties and application. Russian Chemical Reviews, 2014, 83, 657-675.	2.5	11
30	Preparation of nanosized sandwich-type structures based on planar binuclear phthalocyanines. Mendeleev Communications, 2009, 19, 24-26.	0.6	10
31	Double-decker bis(tetradiazepinoporphyrazinato) rare earth complexes: crucial role of intramolecular hydrogen bonding. Dalton Transactions, 2016, 45, 12041-12052.	1.6	10
32	5,7-Bis(2â€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.	1.5	10
33	Optical readout of controlled monomerâ€“dimer self-assembly. Dalton Transactions, 2018, 47, 14169-14173.	1.6	10
34	Monomeric aluminum complex based on A3B-type mono-hydroxy-functionalized phthalocyanine and its stable supramolecular J-type dimer: Selective synthesis and physicochemical properties. Dyes and Pigments, 2018, 149, 201-211.	2.0	10
35	Cerium bis(tetradiazepinoporphyrazinate): synthesis and peculiarities of spectral and electrochemical behavior. New Journal of Chemistry, 2015, 39, 5797-5804.	1.4	9
36	meso-Phenyltetrabenzotriazaporphyrin based double-decker lanthanide(<scp>iii</scp>) complexes: synthesis, structure, spectral properties and electrochemistry. Dalton Transactions, 2015, 44, 16553-16564.	1.6	9

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37	Monohydroxyphthalocyanines as potential precursors to create nanoscale optical materials. Journal of Porphyrins and Phthalocyanines, 2017, 21, 128-134.	0.4	9
38	Synthesis and spectroscopic properties of new unsymmetrically substituted phthalocyanines. Mendeleev Communications, 2005, 15, 24-26.	0.6	8
39	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.	0.4	8
40	Sandwich quadruple-decker binuclear lanthanide(III) complexes based on clamshell-type phthalocyanine ligand: synthesis and physicochemical studies. Dyes and Pigments, 2019, 170, 107648.	2.0	8
41	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.	0.6	7
42	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.	2.0	7
43	The first synthesis of sandwich-type complex based on tetradiazepinoporphyrazine ligand. Journal of Porphyrins and Phthalocyanines, 2014, 18, 149-154.	0.4	7
44	A sandwich clamshell-type phthalocyaninato quadruple-decker binuclear lutetium(III) complex: Synthesis and spectral properties. Dyes and Pigments, 2018, 159, 573-575.	2.0	7
45	New phthalocyanine complexes with rare-earth elements. Mendeleev Communications, 2008, 18, 94-95.	0.6	6
46	Synthesis and characterization of heteroleptic rare earth double-decker complexes involving tetradiazepinoporphyrazine and phthalocyanine macrocycles. Dalton Transactions, 2021, 50, 6245-6255.	1.6	6
47	Sandwich-Type Lanthanide(III) Dinaphthalocyanine Complexes Possessing an Intensive Absorption in the Near IR Region: Synthesis and Investigation of Properties. Macroheterocycles, 2012, 5, 366-370.	0.9	6
48	Synthesis of phthalocyanine compounds bearing 2-(diethoxyphosphoryl)-4-methylpenta-1,3-dienyl functional groups. Journal of Porphyrins and Phthalocyanines, 2013, 17, 343-350.	0.4	5
49	Synthetic Approaches to Functional Derivatives of Cycl[3.2.2]Azine-1,2-Dicarboxylic Acid - Perspective Building Blocks for π-Extended Macrocyclic Compounds. Current Organic Synthesis, 2015, 12, 378-384.	0.7	5
50	Vibronic and electric properties of semiconductor structures based on butyl-substituted mono-and triphthalocyanine containing erbium ions. JETP Letters, 2007, 85, 655-657.	0.4	4
51	Development of direct methods to produce nanosize structures using phthalocyanine-based building blocks. Journal of Porphyrins and Phthalocyanines, 2008, 12, 1187-1193.	0.4	4
52	Vibronic properties of organic semiconductors based on phthalocyanine complexes with asymmetrically distributed electron density. Semiconductors, 2010, 44, 766-771.	0.2	4
53	Frequency dependences of the imaginary and real parts of the permittivity of organic semiconductors based on butyl-substituted erbium monophthalocyanine molecules. JETP Letters, 2010, 91, 607-610.	0.4	4
54	Sandwich double-decker Er(<scp>iii</scp>) and Yb(<scp>iii</scp>) complexes containing naphthalocyanine moiety: synthesis and investigation of the effect of a paramagnetic metal center. Dalton Transactions, 2019, 48, 13413-13422.	1.6	4

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55	Synthesis of 1,2â€Dicyanoâ€3â€arylcycl[3.2.2]azines â€“ First 1,2â€Dicarbonitriles Based on Cyclazine Heterocycle. European Journal of Organic Chemistry, 2020, 2020, 5852-5856.	1.2	4
56	Resonant Plasmonâ€Enhanced Absorption of Charge Transfer Complexes in a Metalâ€“Organic Monolayer. Advanced Optical Materials, 2021, 9, 2100065.	3.6	4
57	Synthesis and Spectral Properties of Phthalocyanineâ€“Methylpheophorbide a Covalently Linked Dyad. Macroheterocycles, 2015, 8, 233-238.	0.9	4
58	A Sterically Driven Approach to the Efficient Synthesis of Low-Symmetry 1,4-Diazepinoporphyrazines. Macroheterocycles, 2018, 11, 312-315.	0.9	4
59	The first example of a carbon label for interpreting the 13C NMR spectra of phthalocyanine metal complexes. Mendeleev Communications, 2007, 17, 218-219.	0.6	3
60	Measurement of nonlinear optical coefficients by the z-scan technique: Correctness of the technique and investigation of a new compound-lutetium diphthalocyanine complex. Physics of Wave Phenomena, 2012, 20, 137-142.	0.3	3
61	Optical properties of organic semiconductors based on erbium phthalocyanine complexes in the mid- and near-infrared spectral regions. Semiconductors, 2007, 41, 1204-1208.	0.2	2
62	Raman scattering in semiconductor structures based on monophthalocyanine and triphthalocyanine molecules incorporating erbium ions. Semiconductors, 2007, 41, 1361-1363.	0.2	2
63	Impact of scaling to the resistive switching effect in organic polymer â€“ based structures. Organic Photonics and Photovoltaics, 2016, 4, .	1.3	2
64	Luminescent properties of semiconductor composite systems composed of erbium triphthalocyanine molecules and a silicon slot structure in the near-infrared region. JETP Letters, 2010, 92, 676-680.	0.4	1
65	Plasmon-Exciton Interaction in AuNP-Phtalocyanine Core/Shell Nanostructures. Journal of Physics: Conference Series, 2014, 541, 012064.	0.3	1
66	PCNA expression as a marker of proliferation in benign and highly differentiated malignant tumors of the human thyroid gland (literature review and clinical case). MÃ¬Å¾narodnij EndokrinologÃ¬Änij Å½urnal, 2019, 15, 339-343.	0.1	1
67	Raman scattering in organic semiconductors based on erbium biphthalocyanine molecules and chlorine-containing europium-lutetium triphthalocyanine molecules. Semiconductors, 2010, 44, 1044-1049.	0.2	0
68	Features of nonlinear optical properties of thin-film phthalocyanine coatings obtained by femtosecond hardware-software Z-scan measurement complex. Journal of Physics: Conference Series, 2019, 1309, 012021.	0.3	0
69	5-Phenyl- and 5,10-diphenyltetrabenzoporphyrins: Novel synthetic approach, physicochemical study with an emphasis on NMR spectroscopy, and identification of benzylated derivatives. Dyes and Pigments, 2020, 175, 108130.	2.0	0
70	First selective one-stage transformation of A4-to A3B- type Phthalocyanine. Dyes and Pigments, 2021, 194, 109571.	2.0	0
71	10.1007/s11453-008-3014-5. , 2010, 42, 321.		0
72	Transport and Spectroscopic Features of Composite Semiconductor Material Based on Poly[2-Methoxy-5(2-Ethyl-Hexyloxy)-1,4-Phenylene-Vinylene]. Journal of Nanoelectronics and Optoelectronics, 2012, 7, 614-618.	0.1	0