Parfenyuk Vladimir

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/8975170/parfenyuk-vladimir-publications-by-year.pdf
Version: 2024-04-24

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.

89 papers	466 citations	13 h-index	17 g-index
92 ext. papers	541 ext. citations	1.8 avg, IF	4.11 L-index

#	Paper	IF	Citations
89	Morphology/potential-dependent electrochromic behaviour of poly(Hydroxyphenyl porphyrin) films. *Materials Chemistry and Physics*, **2022**, 275, 125214	4.4	0
88	Thin films of Zn-Tetrakis(4-Hydroxyphenyl) Porphyrin: Formation, morphology and electrochemical properties. *Thin Solid Films*, **2022**, 752, 139245	2.2	
87	2H-5,10,15,20-tetrakis(3-aminophenyl)porphyrin films: electrochemical formation and catalyst property testing. *Journal of Electroanalytical Chemistry*, **2022**, 116476	4.1	0
86	Electrodeposition of films of individual 5,10,15,20-tetrakis(3-aminophenyl)porphyrin metal complexes and their composite for electrocatalytic oxygen reduction. *Inorganic Chemistry Communication*, **2021**, 135, 109106	3.1	0
85	Electrochemical doping and semiconductor properties of poly-5,10,15,20-tetrakis(p-aminophenyl)porphyrin films. *Journal of Porphyrins and Phthalocyanines*, **2021**, 25, 254-261	1.8	1
84	Poly-5,10,15,20-tetrakis(4-hydroxyphenyl)porphyrin as a material for photovoltaic devices. *Mendeleev Communications*, **2020**, 30, 777-780	1.9	2
83	Effect of substituent structure on formation and properties of poly-hydroxyphenyl porphyrin films obtained by superoxide-assisted method. *Electrochimica Acta*, **2020**, 342, 136064	6.7	6
82	Highly conductive polyporphyrin films obtained by superoxide-assisted electropolymerization of para □aminophenyl porphyrin. *Materials Chemistry and Physics*, **2020**, 241, 122394	4.4	5
81	Superoxide-assisted electrochemical deposition of semiconductor polyhydroxyphenylporphyrin films. *Mendeleev Communications*, **2019**, 29, 309-311	1.9	8
80	Anodic plasma electrolytic nitrocarburising of Ti6Al4 V alloy (SMT31). *Surface Engineering*, **2019**, 35, 199-204	2.6	4
79	Modification of the surface of electrodes by polyporphyrin films for electrocatalytic reduction of oxygen. *Gal?vanotehnika I Obrabotka Poverhnosti*, **2019**, 27, 19-27	0.2	
78	An electrochemical quartz crystal microbalance study of 5,10,15,20-tetrakis(4-hydroxyphenyl)porphyrin electropolymerization process. *Journal of Porphyrins and Phthalocyanines*, **2019**, 23, 1495-1504	1.8	4
77	Structures and properties of porphyrin-based film materials part I. The films obtained via vapor-assisted methods. *Advances in Colloid and Interface Science*, **2018**, 253, 23-34	14.3	17
76	Electropolymerization of poly-5,10,15,20-tetrakis(p-aminophenyl)porphyrin in different deposition modes and solvents. *Journal of Porphyrins and Phthalocyanines*, **2018**, 22, 632-639	1.8	7
75	Electrodeposition of catalytically active polyporphyrin films of metal complexes of amino-substituted tetraphenylporphyrins. *Journal of Porphyrins and Phthalocyanines*, **2018**, 22, 1047-1053	1.8	5
74	Superoxide-assisted electrochemical deposition of Mn-aminophenyl porphyrins: Process characteristics and properties of the films. *Electrochimica Acta*, **2018**, 292, 256-267	6.7	13
73	Plasma electrolytic treatment of VT22 titanium alloy in electrolytes with carbon-containing compounds. *Surface Engineering and Applied Electrochemistry*, **2017**, 53, 1-6	0.8	3

72	Poly-porphyrin electrocatalytic films obtained via new superoxide-assisted electrochemical deposition method. *Electrochemistry Communications*, **2017**, 83, 28-32	5.1	17
71	Solvent and electrode influence on electrochemical forming of poly-Fe(III)-aminophenylporphyrin films. *Journal of Porphyrins and Phthalocyanines*, **2017**, 21, 555-567	1.8	18
70	Electrochemically synthesized superoxide radical anion as an activator of electrodeposition of polyporphyrin films. *Mendeleev Communications*, **2017**, 27, 470-472	1.9	17
69	The Electrochemical Evaluation of the Antioxidant Activity of Substituted Tetraphenylporphyrins. *Russian Journal of Electrochemistry*, **2017**, 53, 1281-1285	1.2	5
68	Synthesis, Electrochemical Properties and Antioxidant Activity of Hydroxy Substituted Tetraphenylporphyrins. *Macroheterocycles*, **2017**, 10, 43-50	2.2	2
67	Electroconductive films based on amino-substituted tetraphenylporphyrins and their metal copper complexes. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 793-803	1.8	17
66	The effect of diffusion processes on surface smoothing upon chemical polishing of titanium. *Protection of Metals and Physical Chemistry of Surfaces*, **2016**, 52, 947-953	0.9	3
65	Anode plasma electrolytic carburizing of commercial pure titanium. *Surface and Coatings Technology*, **2016**, 307, 1303-1309	4.4	20
64	Mechanism and superoxide scavenging activity of hydroxy substituted tetraphenylporphyrins via coulometric approach. *Journal of Electroanalytical Chemistry*, **2016**, 772, 80-88	4.1	13
63	Anode Plasma Electrolytic Saturation of Titanium Alloys with Nitrogen and Oxygen. *Journal of Materials Science and Technology*, **2016**, 32, 1027-1032	9.1	12
62	Increase in Corrosion Resistance of Commercial Pure Titanium by Anode Plasma Electrolytic Nitriding. *Materials Science Forum*, **2016**, 844, 125-132	0.4	1
61	Hydroxyalkyloxy substituted tetraphenylporphyrins: Mechanism and superoxide scavenging activity. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 1477-1485	1.8	3
60	Plasma electrolytic nitriding of alpha- and beta-titanium alloy in ammonia-based electrolyte. *Surface and Coatings Technology*, **2016**, 307, 1291-1296	4.4	17
59	Electrochemical determination of antioxidant properties of a series of tetraphenylporphyrin derivatives and their zinc complexes. *Journal of Porphyrins and Phthalocyanines*, **2015**, 19, 1032-1038	1.8	6
58	The coulometric approach to the superoxide scavenging activity determination: The case of porphyrin derivatives influence on oxygen electroreduction. *Journal of Porphyrins and Phthalocyanines*, **2015**, 19, 1053-1062	1.8	16
57	Electrochemical properties and antioxidant activity of tetraphenylporphyrin derivatives. *Russian Journal of Electrochemistry*, **2015**, 51, 686-692	1.2	4
56	Formation of poly-Phenylporphyrin Film Activated by Superoxide Anion Radical. *Macroheterocycles*, **2015**, 8, 259-265	2.2	4
55	Substituent position influence on the electrochemical properties and antioxidant activity of tetra(aminophenyl)porphyrins. *Journal of Porphyrins and Phthalocyanines*, **2014**, 18, 585-593	1.8	16

54	Effect of anodic potential on process of formation of polyporphyrin film in solutions of tetrakis(p-aminophenyl)porphin in dichloromethane. *Russian Journal of Electrochemistry*, **2014**, 50, 429-437	1.2	12
53	Electrochemical properties of derivatives of tetraphenylporphyrin in dichloromethane. *Russian Journal of Electrochemistry*, **2014**, 50, 517-522	1.2	12
52	Electrochemical synthesis of mesoporous aluminum oxide with preliminary surface structuring. *Russian Journal of Electrochemistry*, **2014**, 50, 1095-1098	1.2	
51	Physicochemical properties of an electroconductive film based on tetrakis(p-aminophenyl)porphine. *Russian Journal of Physical Chemistry A*, **2014**, 88, 325-330	0.7	13
50	Substituted Tetraphenylporphyrins as Promising Molecular Systems with High Antioxidant Activity. *Macroheterocycles*, **2014**, 7, 218-224	2.2	12
49	Electrochemical Properties and Electropolymerization of Tetrakis(para-aminophenyl)porphyrin in Dichloromethane. *Macroheterocycles*, **2013**, 6, 152-157	2.2	11
48	Estimation of Antioxidant Activity of Tetrakis(p-aminophenyl)- porphine regard to Superoxide Ions by Voltammetry Method. *Macroheterocycles*, **2013**, 6, 334-339	2.2	5
47	Adjustment of electrolyte for chemical polishing of titanium. *Russian Journal of Applied Chemistry*, **2012**, 85, 770-775	0.8	
46	Effect of the structure of the electrode|solution interface on the electrocrystallization of high-dispersity copper compounds. *Russian Journal of Applied Chemistry*, **2012**, 85, 1851-1855	0.8	
45	The effect of hydrodynamic conditions on the rate of copper cathodic reduction from aqueous ethanol environments. *Protection of Metals and Physical Chemistry of Surfaces*, **2012**, 48, 520-523	0.9	
44	Kinetic parameters of the electroreduction of oxygen on a graphitized carbon electrode activated by tetrakis(4-methoxyphenyl)porphyrin and its cobalt complexes. *Russian Journal of Physical Chemistry A*, **2012**, 86, 9-13	0.7	12
43	Influence of Tetrakis(4-Decaoxyphenyl)porphyrin Addition on Electrochemical Reduction of Oxygen on a Electrode in Dimethylformamide. *Macroheterocycles*, **2012**, 5, 131-135	2.2	8
42	Electrochemical processes on the copper electrode in water-ethanol solutions of copper sulfate. *Russian Journal of General Chemistry*, **2011**, 81, 463-469	0.7	1
41	Role of mass transfer in electrochemical crystallization of copper from water-isopropyl alcohol solutions of copper sulfate. *Russian Journal of Applied Chemistry*, **2011**, 84, 615-619	0.8	1
40	Catalytic activity of electrodeposited copper-containing compounds in conversion of carbon monoxide by steam. *Russian Journal of Applied Chemistry*, **2011**, 84, 1860-1865	0.8	
39	Synthesis of copper-bearing powders and obtaining composite metallopolymeric materials. *Protection of Metals and Physical Chemistry of Surfaces*, **2011**, 47, 215-219	0.9	1
38	Resolvation thermodynamics of individual ions in water-ethanol mixtures at 298.15 K. *Russian Journal of Physical Chemistry A*, **2011**, 85, 1307-1311	0.7	1
37	Electrochemical determination of the standard thermodynamic characteristics of copper(II) ion resolvation in water-methanol mixtures. *Russian Journal of Electrochemistry*, **2011**, 47, 861-864	1.2	

36	Thermodynamics of resolvation of Mg2+, Ca2+, Cd2+, and Cu2+ ions in aqueous-ethanol mixtures on the basis of volta potential difference method. *Russian Journal of Electrochemistry*, **2010**, 46, 993-998	1.2	1
35	Effect of the anode material on the composition and dimensional characteristics of the nano-sized copper-bearing powders produced by the electrochemical method. *Surface Engineering and Applied Electrochemistry*, **2010**, 46, 400-405	0.8	6
34	The features of mass transfer in the electroreduction of copper from aqueous ethanol solutions of copper sulfate. *Surface Engineering and Applied Electrochemistry*, **2010**, 46, 589-595	0.8	1
33	Effect of hydrodynamic conditions on the silver electrodeposition from water-ethanol solutions of electrolytes. *Russian Journal of General Chemistry*, **2009**, 79, 345-349	0.7	
32	Parameters of electrical double layer on the boundary copper electrode/water-organic solution of copper sulfate. *Russian Journal of General Chemistry*, **2009**, 79, 2287-2292	0.7	
31	Electrochemical preparation and properties of ultradisperce silver powder. *Russian Journal of Applied Chemistry*, **2009**, 82, 1396-1400	0.8	5
30	Electrocrystallization and physicochemical properties of nanosized copper-containing powders. *Protection of Metals and Physical Chemistry of Surfaces*, **2009**, 45, 300-304	0.9	3
29	The thermodynamic characteristics of resolvation of calcium and cadmium ions in aqueous-ethanolic mixtures. *Russian Journal of Physical Chemistry A*, **2009**, 83, 1102-1105	0.7	1
28	Electrochemical study of potassium and iodide ions resolvation in aqueous methanol mixtures. *Russian Journal of Electrochemistry*, **2009**, 45, 1202-1205	1.2	
27	Effect of isopropyl alcohol on the granulometric and chemical composition of ultradispersed copper-containing powders. *Russian Journal of Applied Chemistry*, **2008**, 81, 1909-1913	0.8	
26	Electrochemical synthesis of ultradispersed copper-containing powders obtained from solutions of copper nitrates in aqueous propan-2-ol. *Protection of Metals*, **2008**, 44, 253-256		1
25	The special features of the solvation of the sodium, potassium, and bromine ions in water-methanol mixtures. *Russian Journal of Physical Chemistry A*, **2008**, 82, 978-981	0.7	
24	Thermodynamics of copper ion resolvation in water-isopropanol mixtures by the method of volta potential differences. *Russian Journal of Electrochemistry*, **2008**, 44, 870-872	1.2	
23	Ionic components of the real and chemical Gibbs energy of transport of potassium and chloride ions from water to water-methanol mixtures. *Russian Journal of Electrochemistry*, **2008**, 44, 1162-1165	1.2	1
22	Influence of the electrolytic solution composition on the process of electrochemical synthesis of nanodimensional cupriferous powders. *Surface Engineering and Applied Electrochemistry*, **2008**, 44, 50-54	0.8	1
21	Influence of ultra dispersed (Nanosized) cupper contained powders on the tribological behavior of commercial lubricants. *Surface Engineering and Applied Electrochemistry*, **2008**, 44, 471-476	0.8	3
20	The standard thermodynamic characteristics of resolvation of the K+, Ca2+, Cd2+, and Br− ions in water-acetone mixtures. *Russian Journal of Physical Chemistry A*, **2007**, 81, 735-738	0.7	1
19	Effect of isopropyl alcohol on cathodic deposition of ultradispersed copper-containing powders from electrolyte solutions. *Russian Journal of Applied Chemistry*, **2007**, 80, 930-933	0.8	3

18	Application of Volta chains to determine ionic components of real and chemical Gibbs energies of transfer of individual ions from water to aqueous-organic solvents. *Russian Chemical Bulletin*, **2007**, 56, 1-6	1.7	3
17	Electrochemical production of ultradisperse copper-containing particles from organo-aqueous electrolyte solutions. *Protection of Metals*, **2006**, 42, 394-397		2
16	Physicochemical properties of ultrafine copper-containing powders synthesized by cathode reduction. *Russian Journal of Physical Chemistry A*, **2006**, 80, 264-267	0.7	1
15	The gibbs energies of transfer of calcium ions from water into water-acetone mixtures. *Russian Journal of Physical Chemistry A*, **2006**, 80, 562-565	0.7	1
14	Electrochemical determination of standard thermodynamic parameters characterizing resolvation of Cu2+ cations in water-acetone mixtures. *Russian Journal of Electrochemistry*, **2006**, 42, 959-963	1.2	2
13	Thermodynamic properties of individual ions, calculated in terms of conception of real thermodynamic properties of individual ions in solutions. *Russian Journal of Electrochemistry*, **2006**, 42, 1067-1072	1.2	2
12	Simulation of ion mass transfer processes with allowance for the concentration dependence of diffusion coefficients. *Russian Chemical Bulletin*, **2006**, 55, 661-665	1.7	
11	Ab initio calculations of structure and stability of small boron nitride clusters. *Journal of Structural Chemistry*, **2006**, 47, 1016-1021	0.9	15
10	Thermodynamic characteristics of the resolvation of K+ and Cl□ ions in mixtures of water with aprotic solvents. *Mendeleev Communications*, **2005**, 15, 212-213	1.9	6
9	Thermodynamics of Re-Solvation of Cadmium Ions in Water-Acetone Solvents. *Russian Journal of Electrochemistry*, **2005**, 41, 1077-1081	1.2	
8	Surface Potential at the Gas□Nonaqueous Solution Interface. *Colloid Journal*, **2004**, 66, 466-469	1.1	5
7	Thermodynamics of Resolvation of Sodium and Potassium Ions in Water□Dimethylformamide. *Russian Journal of Electrochemistry*, **2004**, 40, 470-473	1.2	
6	Thermodynamics of Na+ ion solvation in water□organic mixtures studied by the method of Volta potential differences. *Mendeleev Communications*, **2003**, 13, 239-240	1.9	5
5	Thermodynamic Characteristics of Resolvation of Bromide Ions in Water□Dimethyl Sulfoxide Mixtures. *Russian Journal of Electrochemistry*, **2002**, 38, 326-328	1.2	
4	Studying the Iodide Ion Solvation in Water□Dimethyl Sulfoxide Mixtures by the Method of Volta Potential Differences. *Russian Journal of Electrochemistry*, **2002**, 38, 431-434	1.2	1
3	Surface Potential at the Gas□Aqueous Solution Interface. *Colloid Journal*, **2002**, 64, 588-595	1.1	39
2	Some Structural and Thermodynamic Aspects of Solvation of Single Ions. 1. Thermodynamic Characteristics of Solvation of Single-Charged Ions in Water and Methanol and Their Structural Terms. *Journal of Structural Chemistry*, **2001**, 42, 946-950	0.9	
1	Some Structural and Thermodynamic Aspects of Solvation of Single Ions. 2. Salt Effects in Aqueous Solutions of 1□1 Electrolytes. *Journal of Structural Chemistry*, **2001**, 42, 951-955	0.9	2