

Oleg G Sinyashin

List of Publications by Year in descending order

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548
papers

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101384

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51
g-index

568
all docs

568
docs citations

568
times ranked

4005
citing authors

#	ARTICLE	IF	CITATIONS
1	Organoelement chemistry: promising growth areas and challenges. Russian Chemical Reviews, 2018, 87, 393-507.	2.5	157
2	Electron transfer in organonickel complexes of λ^2 -diimines: Versatile redox catalysts for C=C or C=P coupling reactions – A review. Journal of Organometallic Chemistry, 2007, 692, 3156-3166.	0.8	98
3	Pyridine-directed palladium-catalyzed electrochemical phosphonation of C(sp ²)–H bond. Journal of Organometallic Chemistry, 2015, 785, 68-71.	0.8	88
4	Quantum chemical calculations of ³¹ P NMR chemical shifts: scopes and limitations. Physical Chemistry Chemical Physics, 2015, 17, 6976-6987.	1.3	80
5	Redox Trends in Terpyridine Nickel Complexes. Inorganic Chemistry, 2011, 50, 8630-8635.	1.9	69
6	Modern Trends of Organic Chemistry in Russian Universities. Russian Journal of Organic Chemistry, 2018, 54, 157-371.	0.3	68
7	Highly reactive λ^2 -organonickel complexes in electrocatalytic processes. Journal of Organometallic Chemistry, 2001, 630, 185-192.	0.8	66
8	New Functional Cyclic Aminomethylphosphine Ligands for the Construction of Catalysts for Electrochemical Hydrogen Transformations. Chemistry - A European Journal, 2014, 20, 3169-3182.	1.7	66
9	M ^{II} /M ^{III} -Catalyzed <i>ortho</i> -Fluoroalkylation of 2-Phenylpyridine. European Journal of Organic Chemistry, 2012, 2012, 2114-2117.	1.2	65
10	Phospholes – Development and Recent Advances. Mendeleev Communications, 2013, 23, 117-130.	0.6	65
11	Self-assembly strategy for the design of soft nanocontainers with controlled properties. Mendeleev Communications, 2016, 26, 457-468.	0.6	64
12	Mixed cationic liposomes for brain delivery of drugs by the intranasal route: The acetylcholinesterase reactivator 2-PAM as encapsulated drug model. Colloids and Surfaces B: Biointerfaces, 2018, 171, 358-367.	2.5	64
13	Synthesis of novel pyridyl containing phospholanes and their polynuclear luminescent copper(^{II}) complexes. Dalton Transactions, 2016, 45, 2250-2260.	1.6	63
14	Novel paste electrodes based on phosphonium salt room temperature ionic liquids for studying the redox properties of insoluble compounds. Journal of Solid State Electrochemistry, 2015, 19, 2883-2890.	1.2	62
15	The inhibition action of ammonium salts of O,O ² -dialkyldithiophosphoric acid on carbon dioxide corrosion of mild steel. Corrosion Science, 2011, 53, 976-983.	3.0	61
16	Self-Assembly of Amphiphilic Compounds as a Versatile Tool for Construction of Nanoscale Drug Carriers. International Journal of Molecular Sciences, 2020, 21, 6961.	1.8	58
17	3D Ni and Co redox-active metal-organic frameworks based on ferrocenyl diphosphinate and 4,4'-bipyridine ligands as efficient electrocatalysts for the hydrogen evolution reaction. Dalton Transactions, 2020, 49, 2794-2802.	1.6	58
18	Phosphorylation of C–H bonds of aromatic compounds using metals and metal complexes. Russian Chemical Reviews, 2015, 84, 917-951.	2.5	56

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19	Electrochemical properties of diphosphonate-bridged palladacycles and their reactivity in arene phosphonation. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2665-2672.	1.2	50
20	Electrocatalytic eco-efficient functionalization of white phosphorus. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2416-2425.	0.8	49
21	DFT study of substitution effect on the geometry, IR spectra, spin state and energetic stability of the ferrocenes and their pentaphosphanyl analogues. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2586-2595.	0.8	49
22	Experimental Evidence of Phosphine Oxide Generation in Solution and Trapping by Ruthenium Complexes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5370-5373.	7.2	47
23	Electrochemical nickel-induced fluoroalkylation: synthetic, structural and mechanistic study. <i>Dalton Transactions</i> , 2012, 41, 165-172.	1.6	46
24	Nanoparticle-Delivered 2-PAM for Rat Brain Protection against Paraoxon Central Toxicity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16922-16932.	4.0	46
25	Deoxygenation of Some α -Dicarbonyl Compounds by Tris(diethylamino)phosphine in the Presence of Fullerene C ₆₀ . <i>Journal of Organic Chemistry</i> , 2011, 76, 2548-2557.	1.7	44
26	A novel supramolecular catalytic system based on amphiphilic triphenylphosphonium bromide for the hydrolysis of phosphorus acid esters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 489, 95-102.	2.3	44
27	Synthesis of novel water-soluble linear and heterocyclic phosphino amino acids from 2-phosphinophenols or 2-phosphinophenoethers, formaldehyde and amino acids. <i>Polyhedron</i> , 2001, 20, 3321-3331.	1.0	43
28	A Snapshot of P ₄ Tetrahedron Opening: Rh- and Ir-Mediated Activation of White Phosphorus. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4182-4185.	7.2	43
29	Reaction of NaP ₅ with Half-Sandwich Complexes of Nickel: The First Example of an Ni-Promoted Transformation of the P ₅ -Anion. <i>Organometallics</i> , 2005, 24, 2233-2236.	1.1	41
30	Zn and Co redox active coordination polymers as efficient electrocatalysts. <i>Dalton Transactions</i> , 2019, 48, 3601-3609.	1.6	41
31	New Dinuclear Nickel(II) Complexes: Synthesis, Structure, Electrochemical, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2011, 50, 4553-4558.	1.9	40
32	Supramolecular systems based on gemini surfactants for enhancing solubility of spectral probes and drugs in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 510, 33-42.	2.3	40
33	Phosphonium ionic liquids based on bulky phosphines: synthesis, structure and properties. <i>Dalton Transactions</i> , 2010, 39, 5564.	1.6	39
34	Water-soluble aminomethyl(ferrocenylmethyl)phosphines and their trinuclear transition metal complexes. <i>Polyhedron</i> , 2002, 21, 2251-2256.	1.0	38
35	An effective strategy of P,N-containing macrocycle design. <i>Comptes Rendus Chimie</i> , 2010, 13, 1151-1167.	0.2	38
36	Chelating cyclic aminomethylphosphines and their transition metal complexes as a promising basis of bioinspired mimetic catalysts. <i>Mendeleev Communications</i> , 2013, 23, 237-248.	0.6	37

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37	Nickel Phosphanido Hydride Complex: An Intermediate in the Hydrophosphination of Unactivated Alkenes by Primary Phosphine. <i>Organometallics</i> , 2013, 32, 3914-3919.	1.1	37
38	Electrochemical synthesis of the η^5 -aryl complex [NiBr(Mes)(bpy)] and its use as catalyst precursor for the oligomerization of ethylene (Mes=2,4,6-trimethylphenyl, bpy=2,2'-bipyridine). <i>Polyhedron</i> , 2006, 25, 1607-1612.	1.0	36
39	Synthesis, structure, and transition metal complexes of amphiphilic 1,5-diaza-3,7-diphosphacyclooctanes. <i>Heteroatom Chemistry</i> , 2006, 17, 499-513.	0.4	36
40	Synthesis and structure of ferrocenylphosphinic acids. <i>Journal of Organometallic Chemistry</i> , 2014, 766, 40-48.	0.8	36
41	Electrochemical Synthesis and Properties of Organonickel η^5 -Complexes. <i>Organometallics</i> , 2014, 33, 4574-4589.	1.1	36
42	Nanocarriers for Biomedicine: From Lipid Formulations to Inorganic and Hybrid Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7055.	1.8	35
43	Synthesis of novel water-soluble heterocyclic phosphino amino acids with bulky aromatic substituents on phosphorus. <i>Polyhedron</i> , 2000, 19, 1455-1459.	1.0	34
44	Reversible Water-Induced Structural and Magnetic Transformations and Selective Water Adsorption Properties of Poly(manganese 1,1'-ferrocenediyl-bis(H-phosphinate)). <i>Crystal Growth and Design</i> , 2016, 16, 5084-5090.	1.4	34
45	Redox trends in cyclometalated palladium(η^2) complexes. <i>Dalton Transactions</i> , 2017, 46, 165-177.	1.6	34
46	The structure-Activity correlation in the family of dicationic imidazolium surfactants: Antimicrobial properties and cytotoxic effect. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129728.	1.1	34
47	Biomedical potentialities of cationic geminis as modulating agents of liposome in drug delivery across biological barriers and cellular uptake. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119640.	2.6	34
48	Novel chiral 1,5-diaza-3,7-diphosphacyclooctane ligands and their transition metal complexes. <i>Dalton Transactions</i> , 2003, , 2209-2214.	1.6	33
49	Alkali and transition metal phospholides. <i>Russian Chemical Reviews</i> , 2014, 83, 555-574.	2.5	33
50	1,3,6-Azadiphosphacycloheptanes: A novel type of heterocyclic diphosphines. <i>Heteroatom Chemistry</i> , 2008, 19, 125-132.	0.4	32
51	Cellular imaging by green luminescence of Tb(III)-doped aminomodified silica nanoparticles. <i>Materials Science and Engineering C</i> , 2017, 76, 551-558.	3.8	32
52	Electrochemical methods for synthesis and in situ generation of organometallic compounds. <i>Coordination Chemistry Reviews</i> , 2021, 442, 213986.	9.5	32
53	Electrochemical synthesis and catalytic activity of organonickel sigma-complexes. <i>Russian Journal of Electrochemistry</i> , 2011, 47, 1100-1110.	0.3	31
54	Synthesis, structure and electrochemical properties of the organonickel complex [NiBr(Mes)(phen)] (Mes=2,4,6-trimethylphenyl, phen=1,10-phenanthroline). <i>Journal of Organometallic Chemistry</i> , 2014, 750, 59-64.	0.8	31

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55	Unexpected ligand effect on the catalytic reaction rate acceleration for hydrogen production using biomimetic nickel electrocatalysts with 1,5-diaza-3,7-diphosphacyclooctanes. <i>Journal of Organometallic Chemistry</i> , 2015, 789-790, 14-21.	0.8	31
56	Iron-catalyzed electrochemical C-H perfluoroalkylation of arenes. <i>Dalton Transactions</i> , 2015, 44, 19674-19681.	1.6	31
57	Nickel and palladium N-heterocyclic carbene complexes. Synthesis and application in cross-coupling reactions. <i>Russian Chemical Bulletin</i> , 2017, 66, 1529-1535.	0.4	31
58	Unexpected formation of a novel macrocyclic tetraphosphine: (RSSR)-1,9-dibenzyl-3,7,11,15-tetramesityl-1,9-diaza-3,7,11,15-tetraphosphacyclohexadecane. <i>Dalton Transactions</i> , 2004, , 357-358.	1.6	30
59	Conjugation in and Optical Properties of 1- <i>R</i> -1,2-Diphospholes and 1- <i>R</i> -Phospholes. <i>Journal of Physical Chemistry A</i> , 2014, 118, 12168-12177.	1.1	30
60	Organonickel σ -Complexes – Key Intermediates of Electrocatalytic Cycles. <i>Russian Journal of Electrochemistry</i> , 2003, 39, 1261-1270.	0.3	29
61	Facile Routes to Sodium Tetradecaphosphide Na ₄ P ₁₄ and Molecular Structure of Na ₄ (DME) _{7.5} P ₁₄ and Na ₄ (en) ₆ P ₁₄ (DME = 1,2-dimethoxyethane; en = ethylenediamine). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 1728-1732.	0.6	29
62	Self-Assembling Drug Formulations with Tunable Permeability and Biodegradability. <i>Molecules</i> , 2021, 26, 6786.	1.7	29
63	Cycloaddition Reactions of 1-alkyl-3,4,5-triphenyl-1,2-diphosphacyclopenta-2,4-dienes. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1269-1274.	1.2	28
64	Electrode Reactions of Elemental (White) Phosphorus and Phosphane PH ₃ . <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4709-4726.	1.0	28
65	Ligand-directed electrochemical functionalization of C(sp ²)-H bonds in the presence of the palladium and nickel compounds. <i>Russian Chemical Bulletin</i> , 2015, 64, 1713-1725.	0.4	28
66	Combination delivery of two oxime-loaded lipid nanoparticles: Time-dependent additive action for prolonged rat brain protection. <i>Journal of Controlled Release</i> , 2018, 290, 102-111.	4.8	28
67	Self-assembly of novel macrocyclic aminomethylphosphines with hydrophobic intramolecular cavities. <i>Dalton Transactions</i> , 2004, , 442-447.	1.6	27
68	Synthesis, Molecular Structure and Coordination Chemistry of the First 1-Aza-3,7-diphosphacyclooctanes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 205-210.	0.6	27
69	Single-stage synthetic route to perfluoroalkylated arenes via electrocatalytic cross-coupling of organic halides using Co and Ni complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 820, 82-88.	0.8	27
70	Supporting effect of polyethylenimine on hexarhenium hydroxo cluster complex for cellular imaging applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 340, 46-52.	2.0	27
71	The first representative of novel 36-membered P,N,O-containing cyclophanes. <i>Mendeleev Communications</i> , 2007, 17, 195-196.	0.6	26
72	Electrocatalytic fluoroalkylation of olefins. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3840-3843.	0.8	26

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73	Cyclic aminomethylphosphines as ligands. Rational design and unpredicted findings. <i>Pure and Applied Chemistry</i> , 2017, 89, 293-309.	0.9	26
74	Fresh Look on the Nature of Dual-Band Emission of Octahedral Copper-Iodide Clusters—Promising Ratiometric Luminescent Thermometers. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25863-25870.	1.5	26
75	Cationic liposomes mediated transdermal delivery of meloxicam and ketoprofen: Optimization of the composition, in vitro and in vivo assessment of efficiency. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120803.	2.6	26
76	Structure and Dynamics of P,N-Containing Heterocycles and Their Metal Complexes in Solution. <i>Journal of Physical Chemistry A</i> , 2012, 116, 3182-3193.	1.1	25
77	Application of Time-Dependent Density Functional Theory and Optical Spectroscopy toward the Rational Design of Novel 3,4,5-Triaryl-1-R-1,2-diphospholes. <i>Journal of Physical Chemistry A</i> , 2013, 117, 6827-6834.	1.1	24
78	Alternating stereoselective self-assembly of SSSS/RRRR or RSSR isomers of tetrakisphosphines in the row of 14-, 16-, 18- and 20-membered macrocycles. <i>Dalton Transactions</i> , 2014, 43, 12784-12789.	1.6	24
79	Synthesis and unique reversible splitting of 14-membered cyclic aminomethylphosphines on to 7-membered heterocycles. <i>Dalton Transactions</i> , 2015, 44, 13565-13572.	1.6	24
80	In situ electrochemical synthesis of Ni(I) complexes with aminomethylphosphines as intermediates for hydrogen evolution. <i>Electrochimica Acta</i> , 2017, 225, 467-472.	2.6	24
81	Synthesis of a chiral macrocyclic tetraphosphine—1,9-di-R,R(and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (S,S)- $\hat{\pm}$ -met Mendeleev Communications, 2008, 18, 80-81.	0.6	23
82	Acid-catalyzed rearrangement of 3-(\hat{I} -2-aminostyryl)quinoxalin-2(1H)ones—a new and efficient method for the synthesis of 2-benzimidazol-2-ylquinolines. <i>Tetrahedron Letters</i> , 2010, 51, 6503-6506.	0.7	23
83	Effect of structure of polycyclic aromatic substrates on solubilization capacity and size of cationic monomeric and gemini 14-s-14 surfactant aggregates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 509, 613-622.	2.3	23
84	Electrochemical Reduction of Nickel Complexes with 2,2'-Bipyridine. <i>Russian Journal of General Chemistry</i> , 2002, 72, 168-172.	0.3	22
85	A new method for the preparation of solution of sodium pentaphosphacyclopentadienide. <i>Russian Chemical Bulletin</i> , 2006, 55, 1297-1299.	0.4	22
86	An unusual reaction of 2-ethoxyethenylphosphonic dichloride with resorcinol and its derivatives: Synthesis of bicyclic phosphonates with endocyclic P=C bond. <i>Heteroatom Chemistry</i> , 2011, 22, 1-4.	0.4	22
87	Solvation and stabilization of palladium nanoparticles in phosphonium-based ionic liquids: a combined infrared spectroscopic and density functional theory study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 20672-20680.	1.3	22
88	Palladium(II) pyrazolyl-pyridyl complexes containing a sterically hindered N-heterocyclic carbene moiety for the Suzuki-Miyaura cross-coupling reaction. <i>Inorganica Chimica Acta</i> , 2018, 470, 100-105.	1.2	22
89	Preparation of Cobalt Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3023-3047.	1.0	22
90	Reactions of sodium 3,4,5-triphenyl-1,2-diphosphacyclopentadienide with alkyl halides and silicon and tin chlorides. <i>Russian Chemical Bulletin</i> , 2010, 59, 1232-1236.	0.4	21

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91	First Representative of Optically Active P-l-Menthyl-Substituted (Aminomethyl)phosphine and Its Borane and Metal Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 5407-5412.	1.9	21
92	Reactions of 1-alkyl-1,2-diphospholes with 1,3-dipoles: diphenyldiazomethane and nitrones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5298.	1.5	21
93	Synthesis and Stereoselective Interconversion of Chiral 1,6-diphosphacycloheptanes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1857-1866.	1.0	21
94	Boosting the electron spin coherence in binuclear Mn complexes by multiple microwave pulses. <i>Physical Review B</i> , 2013, 88, .	1.1	21
95	Electrochemical C-H phosphorylation of 2-phenylpyridine in the presence of palladium salts. <i>Russian Chemical Bulletin</i> , 2014, 63, 2641-2646.	0.4	21
96	Luminescent silica nanoparticles for sensing acetylcholinesterase-catalyzed hydrolysis of acetylcholine. <i>Biosensors and Bioelectronics</i> , 2016, 77, 871-878.	5.3	21
97	Synthesis and electrochemical properties of N-isocyanurate-substituted aziridino[1,6][60]fullerene, an unusual product of cycloaddition to the 5,6-junction of fullerene. <i>Mendeleev Communications</i> , 2000, 10, 96-98.	0.6	20
98	An unusual reaction of cyclopropenylphosphonium bromide with sodium polyphosphides – A novel approach to sodium 3,4,5-triphenyl-1,2-diphosphacyclopentadienide. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3318-3320.	0.8	20
99	Electrochemistry of nitronyl and imino nitroxides. <i>Russian Journal of Physical Chemistry A</i> , 2009, 83, 1976-1980.	0.1	20
100	P,N-Containing cyclophanes with large helical hydrophobic cavities: prospective precursors for the design of a molecular reactor. <i>Dalton Transactions</i> , 2009, , 490-494.	1.6	20
101	Binuclear 1,2-Diphosphacyclopentadienyl Manganese(I) Complexes: Synthesis, Structure and Magnetic Properties. <i>Organometallics</i> , 2010, 29, 1339-1342.	1.1	20
102	Heterocyclic Phosphines with P-C-X Fragments (X=O, N, P). <i>Advances in Heterocyclic Chemistry</i> , 2015, , 83-130.	0.9	20
103	Sensing activity of cholinesterases through a luminescence response of the hexarhenium cluster complex $[\{Re_{6}S_{8}\}(OH)_{6}]^{4+}$. <i>Analyst</i> , 2016, 141, 4204-4210.	1.7	20
104	Intriguing Near-Infrared Solid-State Luminescence of Binuclear Silver(I) Complexes Based on Pyridylphospholane Scaffolds. <i>Inorganic Chemistry</i> , 2019, 58, 7698-7704.	1.9	20
105	Comparative study of cationic liposomes modified with triphenylphosphonium and imidazolium surfactants for mitochondrial delivery. <i>Journal of Molecular Liquids</i> , 2021, 330, 115703.	2.3	20
106	Unexpected formation of triple-deckers: bis(cyclopentadienyliron)-1,4:4-tetraphosphabutadiene complexes. <i>Mendeleev Communications</i> , 2003, 13, 212-213.	0.6	19
107	Electrocatalytic reduction of arylchlorophosphines with the (2,2'-bipyridine)nickel complexes. <i>Russian Chemical Bulletin</i> , 2007, 56, 935-942.	0.4	19
108	Phosphorus Based Macrocyclic Ligands: Synthesis and Applications. <i>Catalysis By Metal Complexes</i> , 2011, , 375-444.	0.6	19

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109	Aromatic perfluoroalkylation with metal complexes in electrocatalytic conditions. <i>Journal of Organometallic Chemistry</i> , 2012, 718, 101-104.	0.8	19
110	Nanoheterogeneous catalysis in electrochemically induced olefin perfluoroalkylation. <i>Dalton Transactions</i> , 2015, 44, 8833-8838.	1.6	19
111	“Host-guest-binding of a luminescent dinuclear Au(III) complex based on cyclic diphosphine with organic substrates as a reason for luminescence tuneability. <i>New Journal of Chemistry</i> , 2016, 40, 9853-9861.	1.4	19
112	Bi-functional sterically hindered phenol lipid-based delivery systems as potential multi-target agents against Alzheimer's disease via an intranasal route. <i>Nanoscale</i> , 2020, 12, 13757-13770.	2.8	19
113	Electrosynthesis of nickel phosphides on the basis of white phosphorus. <i>Electrochemistry Communications</i> , 2004, 6, 700-702.	2.3	18
114	Structure, Conformation, and Dynamics of P,N-Containing Cyclophanes in Solution. <i>Journal of Physical Chemistry A</i> , 2010, 114, 2588-2596.	1.1	18
115	Synthesis and nonlinear optical properties of branched copolymers with covalently attached azochromophores. <i>European Polymer Journal</i> , 2014, 50, 158-167.	2.6	18
116	Diastereoselective [4+2] Cycloaddition Reaction of 1,2-diphosphole: Facile Synthesis of Chiral Cage Phosphines. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5326-5329.	1.2	18
117	Electrochemical properties and reactivity of organonickel sigma-complex [NiBr(Mes)(bpy)] (Mes =) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i>	0.3	18
118	Advances in the synthesis of benzimidazolones via rearrangements of benzodiazepinones and quinoxalin(ones). <i>Mendeleev Communications</i> , 2017, 27, 1-11.	0.6	18
119	Targeted Nanoparticles for Selective Marking of Neuromuscular Junctions and <i>ex Vivo</i> Monitoring of Endogenous Acetylcholine Hydrolysis. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14948-14955.	4.0	18
120	Synthesis of 3-Hydroxy-4-arylquinolin-2-ones Including Viridicatin via a Darzens Condensation/Friedel-Crafts Alkylation Strategy. <i>Journal of Organic Chemistry</i> , 2018, 83, 13132-13145.	1.7	18
121	Carbamate-bearing surfactants: Micellization, solubilization, and biological activity. <i>Journal of Molecular Liquids</i> , 2018, 269, 203-210.	2.3	18
122	Ring opening reactions of nitrogen heterocycles. <i>Russian Chemical Reviews</i> , 2019, 88, 1104-1127.	2.5	18
123	Title is missing!. <i>Russian Chemical Bulletin</i> , 2002, 51, 151-156.	0.4	17
124	“Green” Ways of Phosphorus Compounds Preparation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 513-518.	0.8	17
125	Spin-adduct of the P4 radical anion during the electrochemical reduction of white phosphorus. <i>Russian Chemical Bulletin</i> , 2010, 59, 466-468.	0.4	17
126	The first example of stereoselective self-assembly of a cryptand containing four asymmetric intracyclic phosphane groups. <i>Tetrahedron Letters</i> , 2010, 51, 1034-1037.	0.7	17

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127	Electrochemical reactions of white phosphorus. Russian Chemical Bulletin, 2012, 61, 1300-1312.	0.4	17
128	Formation of phosphorus-containing cage structures in the reaction of 2-ethoxyvinylphosphonic acid dichloroanhydride with resorcinol and its derivatives. Heteroatom Chemistry, 2012, 23, 340-344.	0.4	17
129	Palladium nanoparticles stabilized by sterically hindered phosphonium salts as Suzuki cross-coupling catalysts. Russian Chemical Bulletin, 2013, 62, 657-660.	0.4	17
130	Testing of the ways for synthesis of new nonlinear optical epoxy-based polymers with azochromophores in the side chain. European Polymer Journal, 2015, 63, 207-216.	2.6	17
131	First example of organonickel complex bearing three cyclic substituents in the σ -bonded aromatic ring: bromo[(2,2'-bipyridine)-2,4,6-tricyclohexylphenylnickel]. Mendeleev Communications, 2016, 26, 131-133.	0.6	17
132	Classification and synthesis of nickel pincer complexes. Russian Chemical Bulletin, 2018, 67, 385-394.	0.4	17
133	Soft nanocarriers for new poorly soluble conjugate of pteridine and benzimidazole: Synthesis and cytotoxic activity against tumor cells. Journal of Molecular Liquids, 2020, 317, 114007.	2.3	17
134	Title is missing!. Russian Chemical Bulletin, 2002, 51, 2059-2064.	0.4	16
135	Phosphorus macrocycles and cryptands. Russian Chemical Bulletin, 2004, 53, 1402-1416.	0.4	16
136	Activation of white phosphorus in the coordination sphere of nickel complexes with σ -donor ligands. Russian Chemical Bulletin, 2005, 54, 942-947.	0.4	16
137	The Reaction of Cyclopropenylphosphonium Bromides with Sodium Polyphosphides as an Advanced Method of Synthesis of Sodium 1,2-Diphosphacyclopentadienides: Scope and Limitations. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 657-659.	0.8	16
138	Electrochemical evaluation of a number of nickel complexes with P,N-heterocyclic ligands as catalysts for hydrogen oxidation/release. Russian Journal of Physical Chemistry A, 2011, 85, 2214-2221.	0.1	16
139	Nonlinear-optical properties of epoxyamine-based thin films. Mendeleev Communications, 2011, 21, 75-76.	0.6	16
140	Indolinone-substituted methanofullerene: A new acceptor for organic solar cells. Solar Energy Materials and Solar Cells, 2012, 103, 48-52.	3.0	16
141	Nickel Complexes Based on Thiophosphorylated Calix[4]Resorcinols as Effective Catalysts for Hydrogen Evolution. Electrocatalysis, 2015, 6, 357-364.	1.5	16
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