

Oleg G Sinyashin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

534
papers

5,360
citations

32
h-index

44
g-index

567
ext. papers

6,135
ext. citations

2.4
avg, IF

5.67
L-index

#	Paper	IF	Citations
534	Rational design of efficient nanosensor for glyphosate and temperature out of terbium complexes with 1,3-diketone calix[4]arenes. <i>Sensors and Actuators B: Chemical</i> , 2022 , 350, 130845	8.5	2
533	Temperature-sensitive emission of dialkylaminostyrylhetarene dyes and their incorporation into phospholipid aggregates: Applicability for thermal sensing and cellular uptake behavior. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 268, 120647	4.4	2
532	Self-Assembling Drug Formulations with Tunable Permeability and Biodegradability. <i>Molecules</i> , 2021 , 26,	4.8	3
531	Advances in the synthesis of heterocycles bearing an endocyclic urea moiety. <i>Russian Chemical Reviews</i> , 2021 , 90, 395-417	6.8	3
530	Comparative study of cationic liposomes modified with triphenylphosphonium and imidazolium surfactants for mitochondrial delivery. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115703	6	4
529	Soft nanosystems based on hydroxypiperidinium surfactants as adjuvants and micellar catalysts. <i>Mendeleev Communications</i> , 2021 , 31, 323-325	1.9	1
528	Nanocarriers for Biomedicine: From Lipid Formulations to Inorganic and Hybrid Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
527	Preparation of Cobalt Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 3023-3047	2.3	8
526	The role of organonickel reagents in organophosphorus chemistry. <i>Coordination Chemistry Reviews</i> , 2021 , 438, 213889	23.2	5
525	Mitochondria-targeted mesoporous silica nanoparticles noncovalently modified with triphenylphosphonium cation: Physicochemical characteristics, cytotoxicity and intracellular uptake. <i>International Journal of Pharmaceutics</i> , 2021 , 604, 120776	6.5	2
524	Group additive approach for heterocyclic aromatic solutes in [BMIM][BF4]. <i>Journal of Molecular Liquids</i> , 2021 , 321, 114746	6	0
523	Electrochemical Generation of Pyrazolyl-Pyridyl N-Heterocyclic Carbene Complexes of Nickel. <i>Russian Journal of Electrochemistry</i> , 2021 , 57, 134-140	1.2	3
522	Binuclear charged copper(I) complex as a multimode luminescence thermal sensor. <i>Sensors and Actuators A: Physical</i> , 2021 , 325, 112722	3.9	5
521	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	6.5	6
520	Synthesis and Mechanistic Insights of the Formation of 3-Hydroxyquinolin-2-ones including Viridicatin from 2-Chloro-3-diaryloxirane-2-carboxamides under Acid-Catalyzed Rearrangements. <i>Journal of Organic Chemistry</i> , 2021 , 86, 13514-13534	4.2	2
519	Electrochemical methods for synthesis and in situ generation of organometallic compounds. <i>Coordination Chemistry Reviews</i> , 2021 , 442, 213986	23.2	8
518	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	7.7	8

517	Rearrangement of two 8-membered 1,5-diaza-3,7-diphosphacyclooctane rings into 16-membered P4N4 ligand on the gold(i) template. <i>Mendeleev Communications</i> , 2020 , 30, 40-42	1.9	5
516	Water dispersible supramolecular assemblies built from luminescent hexarhenium clusters and silver(I) complex with pyridine-2-ylphospholane for sensorics. <i>Journal of Molecular Liquids</i> , 2020 , 305, 112853	6	2
515	Environmentally friendly and efficient method for the synthesis of the new β -diimine ligands with benzimidazole moiety. <i>Journal of Heterocyclic Chemistry</i> , 2020 , 57, 2466-2479	1.9	2
514	Electrochemical Properties and Structure of Multi-Ferrocenyl Phosphorus Thioesters. <i>Molecules</i> , 2020 , 25,	4.8	4
513	Acid-Catalyzed Multicomponent Rearrangements 2-((Quinoxalin-3(4)-on-2-yl)(aryl)methylene)malononitriles, Generated , for Divergent Synthesis of Pyrroles with Different Substitution Patterns. <i>Journal of Organic Chemistry</i> , 2020 , 85, 9887-9904	4.2	6
512	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. <i>Dalton Transactions</i> , 2020 , 49, 2794-2802	4.3	23
511	Study of the structures and photophysical properties of 1,3-diaza-5-phosphacyclohexanes using density functional theory and optical spectroscopy. <i>Russian Chemical Bulletin</i> , 2020 , 69, 449-457	1.7	0
510	Acid catalyzed rearrangements of aryl 3-(2-nitroaryl)oxiran-2-yl ketones. <i>Russian Chemical Bulletin</i> , 2020 , 69, 510-516	1.7	1
509	Ethyl 2-(quinoxalin-2(1H)-on-3-yl)acetate and its mono- and dibromo derivatives in the synthesis of 2,2'-biquinoxalin-3,3'-(4H,4H)-diones. <i>Russian Chemical Bulletin</i> , 2020 , 69, 529-536	1.7	
508	Quantum Chemical Calculations of ^{31}P NMR Chemical Shifts in Nickel Complexes: Scope and Limitations. <i>Organometallics</i> , 2020 , 39, 1413-1422	3.8	3
507	Self-Assembly of Amphiphilic Compounds as a Versatile Tool for Construction of Nanoscale Drug Carriers. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	18
506	Regioselective syntheses of 3-hydroxy-4-aryl-3,4,5-trihydro-2H-benzo[b][1,4]diazepin-2(1H)-ones and 3-benzylquinoxalin-2(1H)-ones from arylglycidates when exposed to 1,2-diaminobenzenes. <i>Tetrahedron</i> , 2020 , 76, 131478	2.4	2
505	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	4	15
504	Chromophore-containing methacrylate-based branched copolymers: The effect of cross-linking agent on the stability of quadratic nonlinear optical characteristics. <i>Materials Today Communications</i> , 2020 , 25, 101117	2.5	
503	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	6.5	20
502	Hydrogen bonding of linear and cyclic amides in ionic liquids. <i>Thermochimica Acta</i> , 2020 , 692, 178757	2.9	1
501	The effect of N-substituent on the relative thermodynamic stability of unionized and zwitterionic forms of β -diphenylphosphino- β -amino acids. <i>Mendeleev Communications</i> , 2020 , 30, 516-518	1.9	2
500	Synthetic Tuning of Co-Doped Silica Nanoarchitecture Towards Electrochemical Sensing Ability. <i>Nanomaterials</i> , 2020 , 10,	5.4	3

- 499 Triple-bridged helical binuclear copper(i) complexes: Head-to-head and head-to-tail isomerism and the solid-state luminescence. *Dalton Transactions*, **2020**, 49, 11997-12008 4.3 7
- 498 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 6 4
- 497 Dynamic Covalent Chemistry Approach toward 18-Membered PN Macrocycles and Their Nickel(II) Complexes. *Journal of Organic Chemistry*, **2020**, 85, 14610-14618 4.2 3
- 496 Pt- and Pd-Complexes with Acyclic and Heterocyclic P-Hydroxyaryl-Substituted N-Phosphanylmethyl Amino Acids $RP(CH_2NHR')_2$ and $(RPCH_2NR'CH_2)_2$ [Evaluation of $(P^{\wedge}O)M$ Chelate Formation. *European Journal of Inorganic Chemistry*, **2020**, 2020, 3682-3691 2.3 1
- 495 The formation of mesitylphosphine and dimesitylphosphine in the reaction of organonickel Ecomplex $[NiBr(Mes)(bpy)]$ (Mes = 2,4,6-trimethylphenyl, bpy = 2,2'-bipyridine) with phosphine PH₃. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2020**, 195, 726-729 1 3
- 494 Bis(hydroxycycloalkyl)phosphine Oxides Obtained from White Phosphorus via Phosphine Oxide H PO: Synthesis, Molecular Structure, Coordination Properties and Biological Activity. *ChemPlusChem*, **2020**, 85, 958-962 2.8 3
- 493 Acid-Catalyzed Cascade Reaction of 4-Aminobutanal Derivatives with (Hetero)aromatic Nucleophiles: A Versatile One-Pot Access to 2-(Hetero)arylpyrrolidines.. *ChemistrySelect*, **2019**, 4, 9322-9330 1.8 8
- 492 Reversible temperature-responsive emission in solutions within 293-333 K produced by dissociative behavior of multinuclear Cu(I) complexes with aminomethylphosphines. *Inorganica Chimica Acta*, **2019**, 498, 119125 2.7 2
- 491 Effect of Buchwald-type ligands on platinum catalyzed hydrosilylation of vinyl terminated polydimethylsiloxane. *Mendeleev Communications*, **2019**, 29, 458-460 1.9 4
- 490 Fresh Look on the Nature of Dual-Band Emission of Octahedral Copper-Iodide Clusters Promising Ratiometric Luminescent Thermometers. *Journal of Physical Chemistry C*, **2019**, 123, 25863-25870 3.8 18
- 489 Acid-Catalyzed Rearrangement of 3-Cyanoquinoxalin-2(1H)-ones When Exposed to 1,2-Diaminobenzenes: Synthesis of 2,2'-Bibenzimidazoles. *Journal of Organic Chemistry*, **2019**, 84, 13572-13581 4.3 6
- 488 Hydrogenation reaction pathways in chemistry of white phosphorus. *Pure and Applied Chemistry*, **2019**, 91, 797-810 2.1 8
- 487 Zn and Co redox active coordination polymers as efficient electrocatalysts. *Dalton Transactions*, **2019**, 48, 3601-3609 4.3 29
- 486 Benzofuroxans: their synthesis, properties, and biological activity. *Russian Chemical Bulletin*, **2019**, 68, 887-910 1.7 9
- 485 Rearrangement in the systems ethyl bromopyruvate-1-(cyclohex-1-enyl)piperidine, -pyrrolidine, and -morpholine as an efficient approach to 4,5,6,7-tetrahydroindoles. *Russian Chemical Bulletin*, **2019**, 68, 1014-1019 1.7
- 484 [2-(2-Nitrophenyl)oxiran-1-yl](aryl(methyl))ketones in the synthesis of 3-hydroxyquinolin-4(1H)-ones and 2-arylquinolines. *Russian Chemical Bulletin*, **2019**, 68, 1020-1024 1.7 1
- 483 Co-Ligand Induced Chiral Recognition of N-Thiophosphorylated Thioureas in Crystalline Ni(II) Complexes. *Crystal Growth and Design*, **2019**, 19, 4044-4056 3.5 6
- 482 Intriguing Near-Infrared Solid-State Luminescence of Binuclear Silver(I) Complexes Based on Pyridylphospholane Scaffolds. *Inorganic Chemistry*, **2019**, 58, 7698-7704 5.1 15

481	Application of density functional theory and optical spectroscopy for the prediction of the photophysical properties of π -pyridylphospholanes. <i>Russian Chemical Bulletin</i> , 2019 , 68, 254-261	1.7	3
480	A Nickel-Based Pectin Metal-Organic Framework as a Hydrogen Oxidation Reaction Catalyst for Proton-Exchange-Membrane Fuel Cells. <i>ChemistrySelect</i> , 2019 , 4, 4731-4734	1.8	1
479	1,5-Diaza-3,7-Diphosphacyclooctane Bis-Ligand Nickel(II) Complexes as Oxygen Reduction Catalysts for Proton-Exchange Membrane Fuel Cells. <i>Energy Technology</i> , 2019 , 7, 1900020	3.5	0
478	Multi-targeted approach by 2-benzimidazolylquinoxalines-loaded cationic arginine liposomes against \bar{B} rival cancer cells in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 178, 317-328	6	3
477	Synthesis of palladium (II) complexes of N-p-iodophenyl substituted 1,5-diaza-3,7-diphosphacyclooctanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019 , 194, 515-516	1	0
476	New 2,2'-bipyridine and 1,10-phenanthroline based nickel(II) phosphates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019 , 194, 517-521	1	2
475	Luminescent complexes on a scaffold of P2N2-ligands: design of materials for analytical and biomedical applications. <i>Pure and Applied Chemistry</i> , 2019 , 91, 839-849	2.1	9
474	3-(\bar{E} chlorobenzyl)quinoxalin-2(1H)-ones as Versatile Reagents for the Synthesis of 3-Benzylquinoxalin-2(1H)-ones and Thiazolo[3,4-a]quinoxalin-4(5H)-ones. <i>Journal of Heterocyclic Chemistry</i> , 2019 , 56, 2221-2234	1.9	1
473	Synthesis of Phosphaprolin Derivatives: A Short Overview. <i>Synthesis</i> , 2019 , 51, 3397-3409	2.9	6
472	Charge-Transfer Complexes of Linear Acenes with a New Acceptor Perfluoroanthraquinone. The Interplay of Charge-Transfer and F \cdots F Interactions. <i>Crystal Growth and Design</i> , 2019 , 19, 5123-5131	3.5	5
471	\bar{E} diphenylphosphino-N-(pyrazin-2-yl)glycine as a ligand in Ni-catalyzed ethylene oligomerization. <i>Mendeleev Communications</i> , 2019 , 29, 575-577	1.9	9
470	Ring opening reactions of nitrogen heterocycles. <i>Russian Chemical Reviews</i> , 2019 , 88, 1104-1127	6.8	10
469	Catalytic Phosphorylation of Aromatic C-H Bonds: from Traditional Approaches to Electrochemistry. <i>Current Organic Chemistry</i> , 2019 , 23, 1756-1770	1.7	3
468	Luminescent complexes of 1,5-diaza-3,7-diphosphacyclooctanes with coinage metals. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019 , 194, 410-414	1	1
467	An unusual donor-acceptor system MnPc-TCNQ/F-TCNQ and the properties of the mixed single crystals of metal phthalocyanines with organic acceptor molecules. <i>Dalton Transactions</i> , 2019 , 48, 17252-17257	4.3	7
466	Chirality Control in Crystalline Ni(II) Complexes of Thiophosphorylated Thioureas. <i>Crystals</i> , 2019 , 9, 606	2.3	2
465	Complexes of Phosphorus-containing Cyclophanes and Cryptands with Metals, Anions, and Organic Substrates. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 1642-1660	0.7	1
464	IR and UV study of reversible water-induced structural transformations of poly(manganese 1,1'-ferrocenediyl-bis(H -phosphinate)) and poly(cobalt 1,1'-ferrocenediyl-bis(H -phosphinate)). <i>Journal of Molecular Structure</i> , 2018 , 1166, 237-242	3.4	11

463	Targeted Nanoparticles for Selective Marking of Neuromuscular Junctions and ex Vivo Monitoring of Endogenous Acetylcholine Hydrolysis. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 14948-14955	9.5	11
462	A nickel-based pectin coordination polymer as an oxygen reduction reaction catalyst for proton-exchange membrane fuel cells. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 780-784	6.8	9
461	Luminescent nanoparticles for rapid monitoring of endogenous acetylcholine release in mice atria. <i>Luminescence</i> , 2018 , 33, 588-593	2.5	7
460	Electrochemical generation and observation by magnetic resonance of superparamagnetic cobalt nanoparticles. <i>Electrochimica Acta</i> , 2018 , 260, 324-329	6.7	9
459	Electrochemical oxidative phosphorylation of azoles in the presence of silver catalysts. <i>Russian Chemical Bulletin</i> , 2018 , 67, 102-107	1.7	6
458	Novel representatives of 16-membered aminomethylphosphines with alkyl substituents at nitrogen and their gold(I) complexes. <i>Russian Chemical Bulletin</i> , 2018 , 67, 328-335	1.7	5
457	The study of acute and chronic toxicity of the sodium-, calcium-, iron-polygalacturonate pharmacological substance in rabbits. <i>Toxicology Reports</i> , 2018 , 5, 457-467	4.8	2
456	Palladium(II) pyrazolylpyridyl 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	2.7	20
455	Synthesis, spatial and electronic structure of 1-(+)-neomenthyl-1,2-diphosphole and 1-(+)-neomenthyl-1,2,4-triphosphole tungstenpentacarbonyl complexes. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 125-132	2.3	9
454	Unpredicted concurrency between P,P-chelate and P,P-bridge coordination modes of 1,5-diR-3,7-di(pyridine-2-yl)-1,5-diaza-3,7-diphosphacyclooctane ligands in copper(I) complexes. <i>Polyhedron</i> , 2018 , 139, 1-6	2.7	7
453	Mixed cationic liposomes for brain delivery of drugs by the intranasal route: The acetylcholinesterase reactivator 2-PAM as encapsulated drug model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 171, 358-367	6	39
452	Development of new nonlinear optical polymers based on epoxy-amine oligomers with Bi-chromophore fragments in the side chain. <i>Polymer</i> , 2018 , 149, 253-265	3.9	5
451	Effect of oxyethylated isononylphenol (neonol) on viscosity characteristics of water-in-oil emulsions. <i>Petroleum Science and Technology</i> , 2018 , 36, 1389-1395	1.4	2
450	Structural Diversity and Dynamics of Nickel Complexes with Ambidentate Phosphorus Heterocycles. <i>Organometallics</i> , 2018 , 37, 2348-2357	3.8	2
449	Modern Trends of Organic Chemistry in Russian Universities. <i>Russian Journal of Organic Chemistry</i> , 2018 , 54, 157-371	0.7	62
448	The first representatives of tetranuclear gold(I) complexes of P,N-containing cyclophanes. <i>Dalton Transactions</i> , 2018 , 47, 7715-7720	4.3	5
447	Carbamate-bearing surfactants: Micellization, solubilization, and biological activity. <i>Journal of Molecular Liquids</i> , 2018 , 269, 203-210	6	12
446	Organometallic Polymer Electrolyte Membrane Fuel Cell Bis-Ligand Nickel(II) Complex of 1,5-Di-P-Tolyl-3,7-Dipyridine-1,5,3,7-Diazadiphosphacyclo-Octane Catalyst. <i>Energy Technology</i> , 2018 , 6, 1088-1095	3.5	9

445	Novel water soluble cationic Au(I) complexes with cyclic PNNP ligand as building blocks for heterometallic supramolecular assemblies with anionic hexarhenium cluster units. <i>Journal of Luminescence</i> , 2018 , 196, 485-491	3.8	12
444	Chiral [16]-ane PN macrocycles: stereoselective synthesis and unexpected intermolecular exchange of endocyclic fragments. <i>Dalton Transactions</i> , 2018 , 47, 16977-16984	4.3	7
443	New polymethacrylic nonlinear optical materials containing multichromophores in the side chain. <i>Mendeleev Communications</i> , 2018 , 28, 272-274	1.9	3
442	2H-Benzimidazole N-oxides: synthesis, chemical properties, and biological activity. <i>Russian Chemical Bulletin</i> , 2018 , 67, 1955-1970	1.7	3
441	Mixed systems based on the cationic surfactant with a butyl carbamate fragment and nonionic surfactant Tween 80: Aggregation behavior and solubilization properties. <i>Russian Chemical Bulletin</i> , 2018 , 67, 1992-1996	1.7	4
440	Synthesis of New Phosphorylated 1,2,4-Triazole-3-thiones. N,S-Functionalization Methods. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 2269-2275	0.7	4
439	Synthesis of a 16-Membered P4N2 Macrocycle with Pyridyl-Substituted Phosphorus Atoms. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 2449-2452	0.7	1
438	Solubilization of Biologically Active Heterocyclic Compounds by Biocompatible Microemulsions. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 2588-2592	0.7	1
437	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	11.7	22
436	Synthesis of 3-Hydroxy-4-arylquinolin-2-ones Including Viridicatol via a Darzens Condensation/Friedel-Crafts Alkylation Strategy. <i>Journal of Organic Chemistry</i> , 2018 , 83, 13132-13145	4.2	12
435	Polyelectrolyte nanocontainers: Controlled binding and release of indomethacin. <i>Journal of Molecular Liquids</i> , 2018 , 272, 982-989	6	11
434	Ferrocene-Containing Sterically Hindered Phosponium Salts. <i>Molecules</i> , 2018 , 23,	4.8	5
433	Amphiphilic Compounds Containing a Carbamate Fragment: Synthesis, Aggregation, and Solubilizing Effect. <i>Russian Journal of Organic Chemistry</i> , 2018 , 54, 987-991	0.7	5
432	Organoelement chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , 2018 , 87, 393-507	6.8	111
431	Electron Transfer and Unusual Chemical Transformations of F4-TCNQ in a Reaction with Mn-Phthalocyanine. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3344-3353	2.3	9
430	Classification and synthesis of nickel pincer complexes. <i>Russian Chemical Bulletin</i> , 2018 , 67, 385-394	1.7	15
429	Chiral tricyclic phosphines derived from 1-(+)-neomenthyl-1,2-diphosphole: Synthesis and applications in asymmetric homogeneous catalysis. <i>Catalysis Today</i> , 2017 , 279, 142-146	5.3	13
428	Macrocyclic tetrakis-phosphines and their copper(I) complexes. <i>Pure and Applied Chemistry</i> , 2017 , 89, 331-339	2.1	9

427	Advances in the synthesis of benzimidazolones via rearrangements of benzodiazepinones and quinoxalin(on)es. <i>Mendeleev Communications</i> , 2017 , 27, 1-11	1.9	17
426	Tracking of the formation of binuclear nickel complexes of $[\text{Ni}_2(\mu\text{-O}_2\text{PR}_1\text{R}_2)_2(\text{bpy})_4]\text{Br}_2$ type by ESI and MALDI mass spectrometry. <i>Polyhedron</i> , 2017 , 127, 302-306	2.7	3
425	Reactions of nitrogen-containing acetals with aromatic nucleophiles. <i>Russian Chemical Reviews</i> , 2017 , 86, 75-98	6.8	8
424	Electrochemical methods for synthesis of organoelement compounds and functional materials. <i>Pure and Applied Chemistry</i> , 2017 , 89, 1089-1103	2.1	13
423	Nanoparticle-Delivered 2-PAM for Rat Brain Protection against Paraoxon Central Toxicity. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 16922-16932	9.5	34
422	A New Method for the Synthesis of Substituted 8,9,10,11-Tetrahydroindolo[1,2-a]Quinoxalin-6(5H)-Ones. <i>Chemistry of Heterocyclic Compounds</i> , 2017 , 53, 560-567	1.4	4
421	Pyridyl Containing 1,5-Diaza-3,7-diphosphacyclooctanes as Bridging Ligands for Dinuclear Copper(I) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 895-902	1.3	11
420	Controlling the binding of hydrophobic drugs with supramolecular assemblies of β -cyclodextrin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 527, 55-62	5.1	12
419	One-pot synthesis of aryl-substituted 1,2,3-triphospholide anions. <i>Journal of Organometallic Chemistry</i> , 2017 , 844, 1-7	2.3	11
418	The isomeric structure of pentacoordinate chiral spirophosphoranes in solution by the combined use of NMR experiments and GIAO DFT calculations of NMR parameters. <i>Dalton Transactions</i> , 2017 , 46, 8146-8156	4.3	3
417	Cellular imaging by green luminescence of Tb(III)-doped aminommodified silica nanoparticles. <i>Materials Science and Engineering C</i> , 2017 , 76, 551-558	8.3	28
416	Synthesis of derivatives of fullerenes C60 and C70 containing pharmacophore groups. <i>Mendeleev Communications</i> , 2017 , 27, 204-206	1.9	2
415	Cyclic aminomethylphosphines as ligands. Rational design and unpredicted findings. <i>Pure and Applied Chemistry</i> , 2017 , 89, 293-309	2.1	14
414	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	4.7	24
413	In situ electrochemical synthesis of Ni(II) complexes with aminomethylphosphines as intermediates for hydrogen evolution. <i>Electrochimica Acta</i> , 2017 , 225, 467-472	6.7	20
412	Nanoscale isoindigo-carriers: self-assembly and tunable properties. <i>Beilstein Journal of Nanotechnology</i> , 2017 , 8, 313-324	3	3
411	Covalent self-assembly of the specific RSSR isomer of 14-membered tetrakisphosphine. <i>Dalton Transactions</i> , 2017 , 46, 12417-12420	4.3	7
410	Surfactant solutions for enhancing solubility of new arylquinolin-2-ones. <i>Journal of Molecular Liquids</i> , 2017 , 242, 732-738	6	10

409	Study of the reactivity of organonickel sigma-complexes towards nitriles. <i>Russian Chemical Bulletin</i> , 2017 , 66, 254-259	1.7	10
408	First coordination polymer based on diterpenoids. Synthesis, structure, and magnetic properties. <i>Russian Chemical Bulletin</i> , 2017 , 66, 362-367	1.7	
407	Some problems of the teaching of organic chemistry in universities of Russia. <i>Russian Journal of Organic Chemistry</i> , 2017 , 53, 1439-1496	0.7	3
406	Reductive acid-catalyzed rearrangement of 3-(2-nitrobenzyl)quinoxalin-2(1H)-ones in the presence of Na ₂ S ₂ O ₄ : Effective method for the synthesis of 2-(indol-2-yl)benzimidazoles. <i>Chemistry of Heterocyclic Compounds</i> , 2017 , 53, 1033-1044	1.4	0
405	Tandem intramolecular cyclisation/1,3-aryl shift in N-(4,4-diethoxybutyl)-1-arylmethanimines (Kazan reaction): synthesis of 3-benzylidene-1-pyrrolines. <i>RSC Advances</i> , 2017 , 7, 50955-50960	3.7	9
404	Novel quinoxaline derivative: Solubilization by surfactant solutions and membranotropic properties. <i>Tetrahedron</i> , 2017 , 73, 5115-5121	2.4	4
403	Drug delivery mediated by confined nanosystems: structure-activity relations and factors responsible for the efficacy of formulations 2017 , 749-806		4
402	Modification of Diphenylphosphorylacetic Hydrazide with Thiosemicarbazide and Triazole Units. <i>Russian Journal of General Chemistry</i> , 2017 , 87, 2794-2800	0.7	5
401	Nickel and palladium N-heterocyclic carbene complexes. Synthesis and application in cross-coupling reactions. <i>Russian Chemical Bulletin</i> , 2017 , 66, 1529-1535	1.7	24
400	A Series of Cu ₂ I ₂ Complexes of 10-(Aryl)phenoxarsines: Synthesis and Structural Diversity. <i>ChemistrySelect</i> , 2017 , 2, 11755-11761	1.8	7
399	5-(Halobenzyl)- and 5-Benzylidene-2,2-dimethyl-1,3-oxazolidin-4-ones in Synthesis of Hydroxy Acids. <i>Russian Journal of General Chemistry</i> , 2017 , 87, 2801-2809	0.7	3
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397	Aggregation and Solubilization Properties of System Based on Glycine-Calix[4]resorcinol and Sodium Dodecyl Sulfate in Aqueous Medium. <i>Macroheterocycles</i> , 2017 , 10, 164-168	2.2	4
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394	Measurements of the electro-optic coefficients of polymer films based on branched methacrylic copolymers containing azo chromophores. <i>Mendeleev Communications</i> , 2016 , 26, 518-520	1.9	6
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392	Thermal stability of primary and secondary phosphine oxides formed as a reaction of phosphine oxide with ketones. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1480-1481	1	3

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384	New catalysts for PEM fuel cells. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1488-1490	4	
383	New 18-membered tetrakisphosphine macrocycle and its derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1591-1592	1	4
382	Synthesis and characterization of new 4,4'-bis(phosphiran-1-yl)biphenyl. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1606-1607	1	0
381	Synthesis of 1-pyridylphospholane-1-oxides and their Ni(II) complexes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1630-1631	1	2
380	Conformational Analysis of P,N-Containing Eight-Membered Heterocycles and Their Pt/Ni Complexes in Solution. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1068-1084	2.3	10
379	Polymorphism and thermodynamic properties of chloro(cyclopentadienyl)bis(triphenylphosphine)ruthenium(II) complex. <i>Journal of Organometallic Chemistry</i> , 2016 , 805, 49-53	2.3	4
378	Binuclear 3,4,5-tris(para-chlorophenyl)-1,2-diphosphacyclopentadienyl nitrosyl nickel complex: Synthesis, molecular structure, and behavior in solution. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 665-667	1	1
377	Phosphorus-containing calix[4]resorcinols: Synthesis and properties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 391-398	1	2
376	Amino Acid-Functionalized Calix[4]Resorcinarene Solubilization by Mono- and Dicationic Surfactants. <i>Journal of Surfactants and Detergents</i> , 2016 , 19, 493-499	1.9	6
375	NEW METHOD FOR THE SYNTHESIS OF AMMONIUM SALTS OF O,O'-ALKYLENEDITHIOPHOSPHORIC ACID AND OCTATHIOTETRAPHOSPHETANE. CRYSTAL STRUCTURE FEATURES'S OF DIETHYLAMMONIUM SALT OF O,O'-PROPYLENEDITHIOPHOSPHORIC ACID. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 405-410	1	3
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372	Mechanism of intramolecular transformations of nickel phosphanido hydride complexes. <i>Dalton Transactions</i> , 2016 , 45, 2053-9	4-3	3
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370	Luminescent silica nanoparticles for sensing acetylcholinesterase-catalyzed hydrolysis of acetylcholine. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 871-8	11.8	13
369	Redox trends in cyclometalated palladium(ii) complexes. <i>Dalton Transactions</i> , 2016 , 46, 165-177	4-3	24
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366	Synthesis and structure of allylated derivatives of fullerenes C60 and C70. <i>Russian Chemical Bulletin</i> , 2016 , 65, 1556-1565	1.7	1
365	Luminescent copper(I) and gold(I) complexes of 1,5-diaza-3,7-diphosphacyclooctanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1518-1519	1	2
364	Novel functionalized 1,5-diaza-3,7-diphosphacyclooctanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1515-1517	1	2
363	Tetracarbonyltungsten (0) and molybdenum (0) complexes of P,N-containing cyclophanes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1581-1582	1	3
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353	The synthesis of novel N-heterocyclic diphenylphosphinoglycines. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 1478-1479	1	5
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115	A snapshot of P4 tetrahedron opening: Rh- and Ir-mediated activation of white phosphorus. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4182-5	16.4	41
114	Synthesis, structure, and transition metal complexes of amphiphilic 1,5-diaza-3,7-diphosphacyclooctanes. <i>Heteroatom Chemistry</i> , 2006 , 17, 499-513	1.2	32
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110	Reaction of acyl halides with alkyl diphenylmethyl or alkyl triphenylmethyl ethers. <i>Doklady Chemistry</i> , 2006 , 409, 133-134	0.8	2
109	An experimental and quantum-chemical study of the Raman spectra and rotational isomerism of thiophosphites (RS) n PCl3 In (R = Me, Et; n = 1, 2). <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2006 , 101, 889-894	0.7	
108	Electrochemical synthesis of the π -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	2.7	32
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