Yulia Budnikova

List of Publications by Year
in descending order

211 papers	3,669 citations	147801 31 h-index	214800 47 g-index
223 all docs	223 docs citations	223 times ranked	2418 citing authors

#	Article	IF	Citations
1	Organoelement chemistry: promising growth areas and challenges. Russian Chemical Reviews, 2018, 87, 393-507.	6.5	157
2	Electron transfer in organonickel complexes of Î±-diimines: Versatile redox catalysts for Câ€“C or Câ€“P coupling reactions â€“ A review. Journal of Organometallic Chemistry, 2007, 692, 3156-3166.	1.8	98
3	Electrochemical Ortho Functionalization of 2-Phenylpyridine with Perfluorocarboxylic Acids Catalyzed by Palladium in Higher Oxidation States. Organometallics, 2013, 32, 4785-4792.	2.3	85
4	Organic chemistry of elemental phosphorus. Russian Chemical Reviews, 2005, 74, 781-805.	6.5	84
5	Functionalization of white phosphorus in the coordination sphere of transition metal complexes. Journal of Organometallic Chemistry, 2004, 689, 4319-4331.	1.8	83
6	Redox Trends in Terpyridine Nickel Complexes. Inorganic Chemistry, 2011, 50, 8630-8635.	4.0	69
7	Highly reactive Ïƒ-organonickel complexes in electrocatalytic processes. Journal of Organometallic Chemistry, 2001, 630, 185-192.	1.8	66
8	New Functional Cyclic Aminomethylphosphine Ligands for the Construction of Catalysts for Electrochemical Hydrogen Transformations. Chemistry - A European Journal, 2014, 20, 3169-3182.	3.3	66
9	M^{II}/M^{III}â€Catalyzed <i>ortho</i>â€Fluoroalkylation of 2â€Phenylpyridine. European Journal of Organic Chemistry, 2012, 2012, 2114-2117.	2.4	65
10	Magnitudes of Electron-Withdrawing Effects of the Trifluoromethyl Ligand in Organometallic Complexes of Copper and Nickel. Organometallics, 2010, 29, 1451-1456.	2.3	64
11	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.	2.5	62
12	3D Ni and Co redox-active metalâ€“organic frameworks based on ferrocenyl diphosphinate and 4,4â€²-bipyridine ligands as efficient electrocatalysts for the hydrogen evolution reaction. Dalton Transactions, 2020, 49, 2794-2802.	3.3	58
13	Phosphorylation of Câ€“H bonds of aromatic compounds using metals and metal complexes. Russian Chemical Reviews, 2015, 84, 917-951.	6.5	56
14	Metal complex catalysis in organic electrosynthesis. Russian Chemical Reviews, 2002, 71, 111-139.	6.5	55
15	Electrochemical properties of diphosphonate-bridged palladacycles and their reactivity in arene phosphonation. Journal of Solid State Electrochemistry, 2015, 19, 2665-2672.	2.5	50
16	Recent advances in metalâ€“organic frameworks for electrocatalytic hydrogen evolution and overall water splitting reactions. Dalton Transactions, 2020, 49, 12483-12502.	3.3	50
17	Electrocatalytic eco-efficient functionalization of white phosphorus. Journal of Organometallic Chemistry, 2005, 690, 2416-2425.	1.8	49
18	Exploring Mechanisms in Ni Terpyridine Catalyzed Câ€“C Cross-Coupling Reactionsâ€”A Review. Inorganics, 2018, 6, 18.	2.7	49

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19	Electrochemical nickel-induced fluoroalkylation: synthetic, structural and mechanistic study. Dalton Transactions, 2012, 41, 165-172.	3.3	46
20	Accessing perfluoroalkyl nickel(<scp>ii</scp>), (<scp>iii</scp>), and (<scp>iv</scp>) complexes bearing a readily attached [C₄F₈] ligand. Dalton Transactions, 2015, 44, 19443-19446.	3.3	46
21	Nickel-catalysed electrochemical coupling between mono- or di-chlorophenylphosphines and aryl or heteroaryl halides. Journal of Organometallic Chemistry, 1999, 575, 63-66.	1.8	45
22	Crystal Growth, Dynamic and Charge Transfer Properties of New Coronene Charge Transfer Complexes. Crystal Growth and Design, 2016, 16, 331-338.	3.0	45
23	Eco-efficient electrocatalytic Câ€“P bond formation. Pure and Applied Chemistry, 2017, 89, 311-330.	1.9	44
24	Zn and Co redox active coordination polymers as efficient electrocatalysts. Dalton Transactions, 2019, 48, 3601-3609.	3.3	41
25	New Dinuclear Nickel(II) Complexes: Synthesis, Structure, Electrochemical, and Magnetic Properties. Inorganic Chemistry, 2011, 50, 4553-4558.	4.0	40
26	Novel approach to metal-induced oxidative phosphorylation of aromatic compounds. Catalysis Today, 2017, 279, 133-141.	4.4	39
27	Novel method for the synthesis of functionalized tetrathiafulvalenes, an acceptorâ€“donorâ€“acceptor molecule comprising of two o-quinone moieties linked by a TTF bridge. Tetrahedron, 2010, 66, 7605-7611.	1.9	38
28	External oxidant-free cross-coupling: electrochemically induced aromatic Câ€“H phosphonation of azoles with dialkyl-<i>H</i>-phosphonates under silver catalysis. Dalton Transactions, 2018, 47, 190-196.	3.3	38
29	N,Nâ€²-Fused Bisphosphole: Heteroaromatic Molecule with Two-Coordinate and Formally Divalent Phosphorus. Synthesis, Electronic Structure, and Chemical Properties. Inorganic Chemistry, 2014, 53, 3243-3252.	4.0	35
30	Redox trends in cyclometalated palladium(<scp>ii</scp>) complexes. Dalton Transactions, 2017, 46, 165-177.	3.3	34
31	First iron and cobalt(ii) hexabromoclathrochelates: structural, magnetic, redox, and electrocatalytic behavior. Dalton Transactions, 2015, 44, 2476-2487.	3.3	33
32	Electrochemistry of Organophosphorus Compounds. Russian Journal of General Chemistry, 2001, 71, 1393-1421.	0.8	32
33	Unexpected ligand effect on the catalytic reaction rate acceleration for hydrogen production using biomimetic nickel electrocatalysts with 1,5-diaza-3,7-diphosphacyclooctanes. Journal of Organometallic Chemistry, 2015, 789-790, 14-21.	1.8	31
34	Iron-catalyzed electrochemical Câ€“H perfluoroalkylation of arenes. Dalton Transactions, 2015, 44, 19674-19681.	3.3	31
35	Surface decoration of silica nanoparticles by Pd(0) deposition for catalytic application in aqueous solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 486, 185-191.	4.7	31
36	Redox-Induced Aromatic Câ€“H Bond Functionalization in Metal Complex Catalysis from the Electrochemical Point of View. Inorganics, 2017, 5, 70.	2.7	31

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37	Prospects of synthetic electrochemistry in the development of new methods of electrocatalytic fluoroalkylation. Journal of Organometallic Chemistry, 2014, 751, 301-305.	1.8	30
38	One-stage synthesis of FcP(O)(OC₂H₅)₂from ferrocene and Î±-hydroxyethylphosphonate. RSC Advances, 2016, 6, 42701-42707.	3.6	30
39	Organonickel Â-Complexesâ€"Key Intermediates of Electrocatalytic Cycles. Russian Journal of Electrochemistry, 2003, 39, 1261-1270.	0.9	29
40	Fluoroalkylation of organic compounds. Russian Chemical Reviews, 2013, 82, 835-864.	6.5	29
41	Ligand-directed electrochemical functionalization of C(sp2)â€"H bonds in the presence of the palladium and nickel compounds. Russian Chemical Bulletin, 2015, 64, 1713-1725.	1.5	28
42	Single-stage synthetic route to perfluoroalkylated arenes via electrocatalytic cross-coupling of organic halides using Co and Ni complexes. Journal of Organometallic Chemistry, 2016, 820, 82-88.	1.8	27
43	A Ni(<scp>iii</scp>) complex stabilized by silica nanoparticles as an efficient nanoheterogeneous catalyst for oxidative Câ€“H fluoroalkylation. Dalton Transactions, 2016, 45, 11976-11982.	3.3	27
44	High thermally stable Dâ€“Ï€â€“A chromophores with quinoxaline moieties in the conjugated bridge: Synthesis, DFT calculations and physical properties. Dyes and Pigments, 2018, 156, 175-184.	3.7	27
45	Electrooxidative CH/PH functionalization as a novel way to synthesize benzo[<i>b</i>]phosphole oxides mediated by catalytic amounts of silver acetate. New Journal of Chemistry, 2018, 42, 930-935.	2.8	27
46	Silica-supported silver nanoparticles as an efficient catalyst for aromatic Câ€“H alkylation and fluoroalkylation. Dalton Transactions, 2018, 47, 9608-9616.	3.3	27
47	D-Ï€-A chromophores with a quinoxaline core in the Ï€-bridge and bulky aryl groups in the acceptor: Synthesis, properties, and femtosecond nonlinear optical activity of the chromophore/PMMA guest-host materials. Dyes and Pigments, 2021, 184, 108801.	3.7	27
48	Electrocatalytic fluoroalkylation of olefins. Journal of Organometallic Chemistry, 2009, 694, 3840-3843.	1.8	26
49	In situ electrochemical synthesis of Ni(I) complexes with aminomethylphosphines as intermediates for hydrogen evolution. Electrochimica Acta, 2017, 225, 467-472.	5.2	24
50	Pushâ€“pull isomeric chromophores with vinyl- and divinylquinoxaline-2-one units as Ï€-electron bridge: Synthesis, photophysical, thermal and electro-chemical properties. Dyes and Pigments, 2017, 146, 82-91.	3.7	23
51	Unusual magnetic relaxation behavior of hydrophilic colloids based on gadolinium(III) octabutoxyphthalocyaninate. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	23
52	Electrochemical Reduction of Nickel Complexes with 2,2'-Bipyridine. Russian Journal of General Chemistry, 2002, 72, 168-172.	0.8	22
53	Electrochemical C-H phosphorylation of 2-phenylpyridine in the presence of palladium salts. Russian Chemical Bulletin, 2014, 63, 2641-2646.	1.5	21
54	One-step synthesis of rccc- and rctt-diastereomers of novel calix[4]resorcinols based on a para-thiophosphorylated derivative of benzaldehyde. Tetrahedron Letters, 2013, 54, 3538-3542.	1.4	20

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55	New sterically-hindered o-quinones annelated with metal-dithiolates: regiospecificity in oxidative addition reactions of a bifacial ligand to the Pd and Pt complexes. Dalton Transactions, 2016, 45, 7400-7405.	3.3	20
56	2D-metalâ€“organic coordination polymers of lanthanides (La(<scp>iii</scp>), Pr(<scp>iii</scp>) and) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.6	20
57	Electrocatalytic reduction of aryldichlorophosphines with the (2,2â€²-bipyridine)nickel complexes. Russian Chemical Bulletin, 2007, 56, 935-942.	1.5	19
58	Aromatic perfluoroalkylation with metal complexes in electrocatalytic conditions. Journal of Organometallic Chemistry, 2012, 718, 101-104.	1.8	19
59	New method of metal-induced oxidative phosphorylation of benzene. Russian Chemical Bulletin, 2015, 64, 1926-1932.	1.5	19
60	Nanoheterogeneous catalysis in electrochemically induced olefin perfluoroalkylation. Dalton Transactions, 2015, 44, 8833-8838.	3.3	19
61	Considerations on electrochemical behavior of NLO chromophores: Relation of redox properties and NLO activity. Electrochimica Acta, 2021, 368, 137578.	5.2	19
62	Electrosynthesis of nickel phosphides on the basis of white phosphorus. Electrochemistry Communications, 2004, 6, 700-702.	4.7	18
63	Electrochemical phosphorylation of coumarins catalyzed by transition metal complexes (Niâ€"Mn,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.5	18
64	Cobalt-Catalyzed Green Cross-Dehydrogenative C(sp2)-H/P-H Coupling Reactions. Topics in Catalysis, 2018, 61, 1949-1956.	2.8	18
65	Excellent supercapacitor and sensor performance of robust cobalt phosphinate ferrocenyl organic framework materials achieved by intrinsic redox and structure properties. Dalton Transactions, 2019, 48, 16986-16992.	3.3	18
66	â€œGreenâ€•Ways of Phosphorus Compounds Preparation. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 513-518.	1.6	17
67	Spin-adduct of the P4 Â·âˆ' radical anion during the electrochemical reduction of white phosphorus. Russian Chemical Bulletin, 2010, 59, 466-468.	1.5	17
68	[(MeCN)Ni(CF₃)₃]^{âˆ'} and [Ni(CF₃)₄]^{2â€"}: Foundations toward the Development of Trifluoromethylations at Unsupported Nickel. Inorganic Chemistry, 2020, 59, 9143-9151.	4.0	17
69	Title is missing!. Russian Chemical Bulletin, 2002, 51, 2059-2064.	1.5	16
70	Activation of white phosphorus in the coordination sphere of nickel complexes with Ïƒ-donor ligands. Russian Chemical Bulletin, 2005, 54, 942-947.	1.5	16
71	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.	0.6	16
72	Nickel Complexes Based on Thiophosphorylated Calix[4]Resorcinols as Effective Catalysts for Hydrogen Evolution. Electrocatalysis, 2015, 6, 357-364.	3.0	16

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73	New Pt(II) complex with extra pure green emission for OLED application: synthesis, crystal structure and spectral properties. Journal of Organometallic Chemistry, 2018, 867, 253-260.	1.8	16
74	Isomeric indolizine-based Ï€-expanded pushâ€“pull NLO-chromophores: Synthesis and comparative study. Journal of Molecular Structure, 2018, 1156, 74-82.	3.6	16
75	Nickel(II) bis(diphenylphosphino)amide: Redox-coupling of dppa ligands in coordination sphere of Ni2+ and some other properties. Journal of Organometallic Chemistry, 2005, 690, 1814-1821.	1.8	15
76	Electrochemistry of the sterically hindered imidazolidine zwitterion and its paramagnetic derivative. Journal of Electroanalytical Chemistry, 2008, 624, 69-72.	3.8	15
77	Novel electrochemical pathway to fluoroalkyl phosphines and phosphine oxides. Journal of Fluorine Chemistry, 2013, 153, 178-182.	1.7	15
78	Oxygen reduction reaction catalyzed by nickel complexes based on thiophosphorylated calix[4]resorcinols and immobilized in the membrane electrode assembly of fuel cells. Dalton Transactions, 2016, 45, 16157-16161.	3.3	15
79	A nickel-based pectin coordination polymer as an oxygen reduction reaction catalyst for proton-exchange membrane fuel cells. Inorganic Chemistry Frontiers, 2018, 5, 780-784.	6.0	15
80	Organometallic Polymer Electrolyte Membrane Fuel Cell Bisâ€Ligand Nickel(Ii) Complex of 1,5â€Diâ€<i>P</i>â€Tolylâ€3,7â€Dipyridineâ€1,5,3,7â€Diazadiphosphacycloâ€Octane Catalyst. Energy Technology, 2018, 6, 1088-1095.	3.8	15
81	Copper or Silver-Mediated Oxidative C(sp²)â€“H/Nâ€“H Cross-Coupling of Phthalimide and Heterocyclic Arenes: Access to <i>N</i>-Arylphthalimides. Organometallics, 2019, 38, 3617-3628.	2.3	15
82	Cyclometalated Nickel Complexes as Key Intermediates in C(sp²)â€“H Bond Functionalization: Synthesis, Catalysis, Electrochemical Properties, and DFT Calculations. Organometallics, 2019, 38, 1254-1263.	2.3	15
83	New Calix[4]Resorcinols with Thiophosphoryl-Containing Fragments. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1972-1980.	1.6	14
84	Synthetic organometallic models of iron-containing hydrogenases as molecular electrocatalysts for hydrogen evolution or oxidation. Russian Chemical Reviews, 2017, 86, 298-317.	6.5	14
85	Progress of electrochemical Ð¡(sp²)-H phosphonation. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 415-419.	1.6	14
86	Electrochemically Driven and Acid-Driven Pyridine-Directed <i>ortho</i>-Phosphorylation of C(sp²)â€“H Bonds. Organometallics, 2020, 39, 2446-2454.	2.3	14
87	Acetonitrile and benzonitrile as versatile amino sources in copper-catalyzed mild electrochemical Câ€“H amidation reactions. RSC Advances, 2021, 11, 37540-37543.	3.6	14
88	Nickel complexes with cyclic ligands containing P and N atoms as coordination sites: novel biomimetic catalysts for hydrogen oxidation. Russian Chemical Bulletin, 2013, 62, 1003-1009.	1.5	13
89	Nonlinear optical activity of pushâ€“pull indolizine-based chromophores with various acceptor moieties. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 364, 764-772.	3.9	13
90	Oneâ€Electron Reduction of 2â€Mono(2,6â€diisopropylphenylimino)acenaphtheneâ€1â€one (dppâ€mian). Chemistry - A European Journal, 2019, 25, 3858-3866.	3.3	13

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91	Opportunities and challenges for combining electro- and organometallic catalysis in C(sp²)-H phosphonation. Pure and Applied Chemistry, 2019, 91, 17-31.	1.9	13
92	Synthesis and electrochemical properties of the N-isocyanurate derivative of azahomo[60]fullerene. Mendeleev Communications, 2000, 10, 61-62.	1.6	12
93	Kinetic features of oxidative addition of organic halides to the organonickel Ïƒ-complex. Russian Chemical Bulletin, 2003, 52, 567-569.	1.5	12
94	Novel phosphonium salt for paste electrode to study the redox properties of insoluble compounds. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1611-1612.	1.6	12
95	Silica Nanospheres Coated by Ultrasmall Ag0 Nanoparticles for Oxidative Catalytic Application. Colloids and Interface Science Communications, 2017, 21, 1-5.	4.1	12
96	Electrochemical Functionalization of White Phosphorus. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 144, 565-568.	1.6	11
97	Electrocatalytic fluoroalkylation of olefins. Perfluoroalkylation of 2-vinylpyridine. Russian Chemical Bulletin, 2012, 61, 1560-1563.	1.5	11
98	Electrochemical oxidative phosphonation of azoles. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1658-1659.	1.6	11
99	Transition metal-promoted reactions of diarylphosphine oxides as a synthetic method for organophosphorus heterocyclic compounds. Chemistry of Heterocyclic Compounds, 2018, 54, 269-279.	1.2	11
100	Synthesis, structure, and electrochemical properties of 4,5-diaryl-1,2,3-triphosphaferrocenes and the first example of multi(phosphaferrocene). Dalton Transactions, 2020, 49, 17252-17262.	3.3	11
101	Electrochemical Insight into Mechanisms and Metallocyclic Intermediates of Câˆ’H Functionalization. Chemical Record, 2021, 21, 2148-2163.	5.8	11
102	Generation of a Hetero Spin Complex from Iron(II) Iodide with Redox Active Acenaphthene-1,2-Diimine. Molecules, 2021, 26, 2998.	3.8	11
103	Electrocatalytic fluoroalkylation of olefins. Russian Chemical Bulletin, 2010, 59, 1918-1920.	1.5	10
104	Electron Transfer and Unusual Chemical Transformations of F4â€‘TCNQ in a Reaction with Mnâ€‘Phthalocyanine. European Journal of Inorganic Chemistry, 2018, 2018, 3344-3353.	2.0	10
105	Selective C(sp²)â€‘H Amination Catalyzed by Highâ€‘Valent Cobalt(III)/(IV)â€‘bpy Complex Immobilized on Silica Nanoparticles. ChemCatChem, 2019, 11, 5615-5624.	3.7	10
106	Title is missing!. Russian Chemical Bulletin, 2003, 52, 1504-1511.	1.5	9
107	Novel high-efficiency ecologically safe electrocatalytic techniques for preparing organophosphorus compounds. Russian Journal of Electrochemistry, 2006, 42, 1127-1133.	0.9	9
108	Stable ÏƒH-adducts in the reactions of the acridinium cation with heterocyclic N-nucleophiles. Russian Chemical Bulletin, 2013, 62, 773-779.	1.5	9

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109	Spectroelectrochemistry: ESR of Paramagnetic Intermediates in the Electron Transfer Series [Cr(bpy)3]n (n=3+, 2+, 1+, 0, 1-). Electrochimica Acta, 2015, 182, 212-216.	5.2	9
110	Electrochemical properties of poly(manganese 1,1â€²-ferrocenediyl-bis(<i>H</i>-phosphinate)). Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1551-1552.	1.6	9
111	Electrochemical oxidative phosphorylation of azoles in the presence of silver catalysts. Russian Chemical Bulletin, 2018, 67, 102-107.	1.5	9
112	Palladium Nanoparticlesâ€“Polypyrrole Composite as Effective Catalyst for Fluoroalkylation of Alkenes. Catalysis Letters, 2018, 148, 3119-3125.	2.6	9
113	Indolizine-based chromophores with octatetraene Ï€-bridge and tricyanofurane acceptor: Synthesis, photophysical, electrochemical and electro-optic properties. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 386, 112125.	3.9	9
114	Synthetic Tuning of CoII-Doped Silica Nanoarchitecture Towards Electrochemical Sensing Ability. Nanomaterials, 2020, 10, 1338.	4.1	9
115	Ð¡atalytic Phosphorylation of Aromatic C-H Bonds: from Traditional Approaches to Electrochemistry. Current Organic Chemistry, 2019, 23, 1756-1770.	1.6	9
116	Selective monoarylation of phosphorus trichloride by the electrochemically generated organonickel Ïƒ-complex MesNiBrbpy. Mendeleev Communications, 2002, 12, 175-176.	1.6	8
117	Title is missing!. Russian Chemical Bulletin, 2003, 52, 929-938.	1.5	8
118	Electrochemical Decomplexation of Phosphine-Pentacarbonyltungsten Complexes: The Phosphole Case. Organometallics, 2004, 23, 1961-1964.	2.3	8
119	Reactions of Elemental Phosphorus with Electrophiles in Super Basic Systems: XVII. Phosphorylation of Arylalkenes with Active Modifications of Elemental Phosphorus. Russian Journal of General Chemistry, 2005, 75, 1367-1372.	0.8	8
120	Study of electrochemical oxidation of nickel catecholate complexes with bis(diphenylphosphino)ethane by cyclic voltammetry and ESR. Russian Chemical Bulletin, 2007, 56, 104-107.	1.5	8
121	Electrochemical pathway to CH/PH functionalization of diphenylphosphine oxide. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1602-1603.	1.6	8
122	Synthesis of water-soluble bis-N,O-chelate nickel(II) complexes based on new ligands â€“ P-pyridyl-containing phospholane oxides. Russian Chemical Bulletin, 2018, 67, 1206-1211.	1.5	8
123	Synthesis and Electrochemical Properties of Fullerenylstyrenes. Journal of Organic Chemistry, 2019, 84, 16333-16337.	3.2	8
124	Synthesis, crystal structure and electrochemical properties of poly(cadmium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (1,1â€²-ferro	1.8	8
125	D-Ï€-A'-Ï€-A chromophores with quinoxaline core in the Ï€-electron bridge and charged heterocyclic acceptor moiety: Synthesis, DFT calculations, photophysical and electro-chemical properties. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 407, 113042.	3.9	8
126	New Charge Transfer Cocrystals of F₂TCNQ with Polycyclic Aromatic Hydrocarbons: Acceptorâ€“Acceptor Interactions and Their Contribution to Supramolecular Arrangement and Charge Transfer. Crystal Growth and Design, 2022, 22, 751-762.	3.0	8

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127	Electrocatalytic reduction of organic halides with cobalt bipyridine complexes. Russian Chemical Bulletin, 2002, 51, 1702-1708.	1.5	7
128	Reactions of elemental phoshorus and phosphine with electrophiles in superbasic systems: XIX. Formation of the C-P bond with participation of elemental phosphorus under microwave assistance. Russian Journal of General Chemistry, 2007, 77, 415-420.	0.8	7
129	Electrooxidative phosphorylation of coumarins by bimetallic catalytic systems Ni(II)/Mn(II) or Co(II)/Mn(II). Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1660-1661.	1.6	7
130	Fe and Ni-catalyzed electrochemical perfluoroalkylation of Câ€"H bonds of coumarins. Russian Chemical Bulletin, 2017, 66, 1446-1449.	1.5	7
131	Oneâ€Electron Reduction of Acenaphtheneâ€1,2â€Diimine Nickel(II) Complexes. Chemistry - an Asian Journal, 2019, 14, 2979-2987.	3.3	7
132	Deprotonation of Benzoxazolium Salt: Trapping of a Radical-Cation Intermediate. Organic Letters, 2019, 21, 946-950.	4.6	7
133	A Nickelâ€Based Pectin Metalâ€Organic Framework as a Hydrogen Oxidation Reaction Catalyst for Protonâ€Exchangeâ€Membrane Fuel Cells. ChemistrySelect, 2019, 4, 4731-4734.	1.5	7
134	Electrochemical phosphorylation of arenes catalyzed by cobalt under oxidative and reductive conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 506-509.	1.6	7
135	Electrochemical and catalytic properties of nickel(II) complexes with bis(imino)acenaphthene and diazadiphosphacyclooctane ligands. Mendeleev Communications, 2020, 30, 302-304.	1.6	7
136	Synthetic models of hydrogenases based on framework structures containing coordinating P, N-atoms as hydrogen energy electrocatalysts â€" from molecules to materials. Pure and Applied Chemistry, 2020, 92, 1305-1320.	1.9	7
137	Transformation of white phosphorus in the coordination sphere of nickel complexes with Ïƒ-donating ligands. Russian Chemical Bulletin, 2003, 52, 2419-2423.	1.5	6
138	Cyclic Phosphino Amino Pyridinesâ€"Novel Instrument for Construction of Catalysts and Luminescent Materials. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 729-732.	1.6	6
139	Selective fluorination of pyridine and its derivatives in the presence of high-oxidation-state transition metals. Russian Chemical Bulletin, 2016, 65, 1798-1804.	1.5	6
140	Direct phosphorylation of pyridine in the presence of Ni(BF₄)₂bpy and CoCl₂bpy metal complexes. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1545-1546.	1.6	6
141	Ferrocene-Containing Sterically Hindered Phosphonium Salts. Molecules, 2018, 23, 2773.	3.8	6
142	Supramolecular architecture of diammonium ferrocene-1,1â€²-diyldi(methylphosphinate). Journal of Organometallic Chemistry, 2019, 904, 121004.	1.8	6
143	Electrochemical C-H phosphonation of caffeine. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 343-344.	1.6	6
144	Synthesis and characterization of poly([Eu or Dy] 1,1â€™-ferrocenediyl-bis(<i>H</i>-phosphinates)). Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 459-462.	1.6	6

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145	Electrochemical Properties and Structure of Multi-Ferrocenyl Phosphorus Thioesters. Molecules, 2020, 25, 939.	3.8	6
146	Pd II (Pâ€P) Derivatives of oâ€Quinone Annulated with Dithiete Cycle: Electrochemical Properties and Coordination Regioisomerism. European Journal of Inorganic Chemistry, 2020, 2020, 4350-4357.	2.0	6
147	Rational design of efficient nanosensor for glyphosate and temperature out of terbium complexes with 1,3-diketone calix[4]arenes. Sensors and Actuators B: Chemical, 2022, 350, 130845.	7.8	6
148	The role of Ni(0) complexes in electrochemical phosphorylation of organic halides part 1. Factors determining catalytic activity. Journal of Organometallic Chemistry, 1997, 536-537, 265-272.	1.8	5
149	Electrosynthesis of mixed tertiary phosphines catalysed by nickel complexes. Mendeleev Communications, 1999, 9, 193-194.	1.6	5
150	Title is missing!. Russian Journal of General Chemistry, 2001, 71, 231-233.	0.8	5
151	Electrochemical synthesis of the calix[4]resorcinol nickel complexes modified with thiophosphoryl fragments. Russian Journal of General Chemistry, 2013, 83, 663-669.	0.8	5
152	New Biomimetic Catalysts for the Electrochemical Processes on the Basis of Redox-Active Macrocyclic Frame Structures. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 84-90.	1.6	5
153	Nano-architecture of silica nanoparticles as a tool to tune both electrochemical and catalytic behavior of NiII@SiO2. RSC Advances, 2019, 9, 22627-22635.	3.6	5
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