

# Yulia Budnikova

## List of Publications by Year in descending order

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211  
papers

3,669  
citations

147726

31  
h-index

214721

47  
g-index

223  
all docs

223  
docs citations

223  
times ranked

2418  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.0	6
2	New Charge Transfer Cocrystals of F <sub>2</sub> TCNQ with Polycyclic Aromatic Hydrocarbons: Acceptor–Acceptor Interactions and Their Contribution to Supramolecular Arrangement and Charge Transfer. <i>Crystal Growth and Design</i> , 2022, 22, 751-762.	1.4	8
3	Amino acids in electrochemical metal-free benzylic C–H amidation. <i>Tetrahedron Letters</i> , 2022, 102, 153917.	0.7	5
4	D–A chromophores with a quinoxaline core in the –bridge and bulky aryl groups in the acceptor: Synthesis, properties, and femtosecond nonlinear optical activity of the chromophore/PMMA guest-host materials. <i>Dyes and Pigments</i> , 2021, 184, 108801.	2.0	27
5	Considerations on electrochemical behavior of NLO chromophores: Relation of redox properties and NLO activity. <i>Electrochimica Acta</i> , 2021, 368, 137578.	2.6	19
6	Towards the intercalation of Li cations to the Co(II) and Mn(II) ferrocenyl-phosphinic MOFs. <i>Journal of Organometallic Chemistry</i> , 2021, 932, 121641.	0.8	2
7	D–A'–A chromophores with quinoxaline core in the –electron bridge and charged heterocyclic acceptor moiety: Synthesis, DFT calculations, photophysical and electro-chemical properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 407, 113042.	2.0	8
8	Supramolecular chirality in the crystals of mononuclear and polymeric cobalt(ii) complexes with enantiopure and racemic N-thiophosphorylated thioureas. <i>CrystEngComm</i> , 2021, 23, 2081-2090.	1.3	1
9	Electrochemical Insight into Mechanisms and Metallo-cyclic Intermediates of C–H Functionalization. <i>Chemical Record</i> , 2021, 21, 2148-2163.	2.9	11
10	Aerogel based on nanoporous aluminium ferrocenyl diphosphinate metal-organic framework. <i>Inorganica Chimica Acta</i> , 2021, 518, 120240.	1.2	3
11	Generation of a Hetero Spin Complex from Iron(II) Iodide with Redox Active Acenaphthene-1,2-Diimine. <i>Molecules</i> , 2021, 26, 2998.	1.7	11
12	Composing NLO Chromophore as a Puzzle: Electrochemistry–based Approach to Design and Effectiveness. <i>ChemPhysChem</i> , 2021, 22, 2313-2328.	1.0	4
13	A Water-Soluble Sodium Pectate Complex with Copper as an Electrochemical Catalyst for Carbon Dioxide Reduction. <i>Molecules</i> , 2021, 26, 5524.	1.7	1
14	Ligand and solvent effects on the kinetics of the electrochemical reduction of Ni(II) complexes: Experiment and quantum chemical modeling. <i>Electrochimica Acta</i> , 2021, 395, 139138.	2.6	4
15	Synthesis of fullereryl-1,2,3-triazoles by reaction of fullereryl azide with terminal acetylenes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9299-9305.	1.5	4
16	Acetonitrile and benzonitrile as versatile amino sources in copper-catalyzed mild electrochemical C–H amidation reactions. <i>RSC Advances</i> , 2021, 11, 37540-37543.	1.7	14
17	Indolizine-based chromophores with octatetraene –bridge and tricyanofurane acceptor: Synthesis, photophysical, electrochemical and electro-optic properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 386, 112125.	2.0	9
18	Recent advances in metal–organic frameworks for electrocatalytic hydrogen evolution and overall water splitting reactions. <i>Dalton Transactions</i> , 2020, 49, 12483-12502.	1.6	50

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19	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.	1.6	11
20	Synthetic Tuning of Coll-Doped Silica Nanoarchitecture Towards Electrochemical Sensing Ability. Nanomaterials, 2020, 10, 1338.	1.9	9
21	Synthesis and Structure of Iron (II) Complexes of Functionalized 1,5-Diaza-3,7-Diphosphacyclooctanes. Molecules, 2020, 25, 3775.	1.7	4
22	Electrochemical and catalytic properties of nickel(II) complexes with bis(imino)acenaphthene and diazadiphosphacyclooctane ligands. Mendeleev Communications, 2020, 30, 302-304.	0.6	7
23	Electrochemically Driven and Acid-Driven Pyridine-Directed <i>ortho</i> -Phosphorylation of C(sp <sup>2</sup> )-H Bonds. Organometallics, 2020, 39, 2446-2454.	1.1	14
24	[(MeCN)Ni(CF <sub>3</sub> ) <sub>3</sub> ] <sup>+</sup> and [Ni(CF <sub>3</sub> ) <sub>3</sub> ] <sup>2+</sup> : Foundations toward the Development of Trifluoromethylations at Unsupported Nickel. Inorganic Chemistry, 2020, 59, 9143-9151.	1.9	17
25	2D-metal-organic coordination polymers of lanthanides (La, Pr and Tm) with 1,3,5-trisubstituted benzene. Dalton Transactions, 2020, 2020, 11343-11351.	1.3	20
26	Synthesis, crystal structure and electrochemical properties of poly(cadmium) with 1,3,5-trisubstituted benzene. Dalton Transactions, 2020, 2020, 11352-11360.	0.8	8
27	Electrochemical Properties and Structure of Multi-Ferrocenyl Phosphorus Thioesters. Molecules, 2020, 25, 939.	1.7	6
28	Synthesis of the first chiral polynuclear copper(I) complex based on (R)-1-(1-phenyl)ethyl-3-(O,O-diethylthiophosphoryl)thiourea and its characterization in the solid state and solution. New Journal of Chemistry, 2020, 44, 3224-3231.	1.4	2
29	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
30	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.	1.0	6
31	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.	0.9	7
32	Oneâ€Electron Reduction of Acenaphtheneâ€Diimine Nickel(II) Complexes. Chemistry - an Asian Journal, 2019, 14, 2979-2987.	1.7	7
33	Inhibitory property of poly(manganese 1,1â€ferrocenediyl-bis(h-phosphinate)). Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 1013-1014.	0.8	1
34	Electrochemical properties of poly([Eu or Dy or Y] 1,1â€ferrocenediyl-bis(H-phosphinates)). Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 1010-1012.	0.8	4
35	Selective C(sp <sup>2</sup> )-H Amination Catalyzed by Highâ€Valent Cobalt(III)/(IV)-bpy Complex Immobilized on Silica Nanoparticles. ChemCatChem, 2019, 11, 5615-5624.	1.8	10
36	Supramolecular architecture of diammonium ferrocene-1,1â€diyl-di(methylphosphinate). Journal of Organometallic Chemistry, 2019, 904, 121004.	0.8	6

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37	Copper or Silver-Mediated Oxidative C(sp <sup>2</sup> )–H/N–H Cross-Coupling of Phthalimide and Heterocyclic Arenes: Access to <i>N</i> -Arylphthalimides. <i>Organometallics</i> , 2019, 38, 3617-3628.	1.1	15
38	Click reaction in the synthesis of novel thiophosphorylated ligands for electrochemical hydrogen evolution. <i>Mendeleev Communications</i> , 2019, 29, 388-390.	0.6	1
39	Nano-architecture of silica nanoparticles as a tool to tune both electrochemical and catalytic behavior of Ni@SiO <sub>2</sub> . <i>RSC Advances</i> , 2019, 9, 22627-22635.	1.7	5
40	Reversible temperature-responsive emission in solutions within 293–333 K produced by dissociative behavior of multinuclear Cu(I) complexes with aminomethylphosphines. <i>Inorganica Chimica Acta</i> , 2019, 498, 119125.	1.2	3
41	Electrochemical C-H phosphonation of caffeine. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 343-344.	0.8	6
42	Phosphonium-based ionic liquids as electrolyte for supercapacitors. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 388-390.	0.8	2
43	Deprotonation of Benzoxazolium Salt: Trapping of a Radical-Cation Intermediate. <i>Organic Letters</i> , 2019, 21, 946-950.	2.4	7
44	Zn and Co redox active coordination polymers as efficient electrocatalysts. <i>Dalton Transactions</i> , 2019, 48, 3601-3609.	1.6	41
45	Ionic liquids as beneficial medium for electrochemically induced transformation and functionalization of white phosphorus. <i>Ionics</i> , 2019, 25, 5495-5500.	1.2	2
46	Evaluation of Transition Metal Catalysts in Electrochemically Induced Aromatic Phosphonation. <i>Molecules</i> , 2019, 24, 1823.	1.7	5
47	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.	0.7	7
48	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.	1.8	2
49	C-P bond formation via selective electrocatalytic C-H phosphorylation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 384-385.	0.8	1
50	Ferrocene-containing coordination polymers as way for preparation of energy carriers. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 571-574.	0.8	3
51	Electrochemical phosphorylation of arenes catalyzed by cobalt under oxidative and reductive conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 506-509.	0.8	7
52	Synthesis and characterization of poly([Eu or Dy] 1,1'-ferrocenediyl-bis( <i>H</i> -phosphinates)). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 459-462.	0.8	6
53	Excellent supercapacitor and sensor performance of robust cobalt phosphinate ferrocenyl organic framework materials achieved by intrinsic redox and structure properties. <i>Dalton Transactions</i> , 2019, 48, 16986-16992.	1.6	18
54	An unusual donor-acceptor system Mn <sup>II</sup> -Pc-TCNQ/F <sub>4</sub> -TCNQ and the properties of the mixed single crystals of metal phthalocyanines with organic acceptor molecules. <i>Dalton Transactions</i> , 2019, 48, 17252-17257.	1.6	3

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55	Synthesis and Electrochemical Properties of Fullerenylstyrenes. <i>Journal of Organic Chemistry</i> , 2019, 84, 16333-16337.	1.7	8
56	Bis-chelate nickel(II) complex with a 1,5-diaza-3,7-diphosphacyclooctane ligand: Solid-state structure and redox properties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 337-338.	0.8	0
57	Bis-chelate iron(II) complex with a 1,5-diaza-3,7-diphosphacyclooctane ligand: X-ray structure and redox properties. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 353-354.	0.8	0
58	One-Electron Reduction of Mono(2,6-diisopropylphenylimino)acenaphthene-1-one (dpp <sup>im</sup> ). <i>Chemistry - A European Journal</i> , 2019, 25, 3858-3866.	1.7	13
59	Unusual magnetic relaxation behavior of hydrophilic colloids based on gadolinium(III) octabutoxyphthalocyaninate. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	23
60	Opportunities and challenges for combining electro- and organometallic catalysis in C(sp <sup>2</sup> )-H phosphonation. <i>Pure and Applied Chemistry</i> , 2019, 91, 17-31.	0.9	13
61	Progress of electrochemical C(sp <sup>2</sup> )-H phosphonation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 415-419.	0.8	14
62	Cyclometalated Nickel Complexes as Key Intermediates in C(sp <sup>2</sup> )-H Bond Functionalization: Synthesis, Catalysis, Electrochemical Properties, and DFT Calculations. <i>Organometallics</i> , 2019, 38, 1254-1263.	1.1	15
63	Catalytic Phosphorylation of Aromatic C-H Bonds: from Traditional Approaches to Electrochemistry. <i>Current Organic Chemistry</i> , 2019, 23, 1756-1770.	0.9	9
64	High thermally stable fluorescent chromophores with quinoxaline moieties in the conjugated bridge: Synthesis, DFT calculations and physical properties. <i>Dyes and Pigments</i> , 2018, 156, 175-184.	2.0	27
65	New Pt(II) complex with extra pure green emission for OLED application: synthesis, crystal structure and spectral properties. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 253-260.	0.8	16
66	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.	3.0	15
67	Electrochemical oxidative phosphorylation of azoles in the presence of silver catalysts. <i>Russian Chemical Bulletin</i> , 2018, 67, 102-107.	0.4	9
68	Organometallic Polymer Electrolyte Membrane Fuel Cell Bis-Ligand Nickel(II) Complex of 1,5-Diaza-3,7-Dipyrrolyl-3,7-Dipyrroline-1,5,3,7-Diazadiphosphacyclooctane Catalyst. <i>Energy Technology</i> , 2018, 6, 1088-1095.	0.8	15
69	External oxidant-free cross-coupling: electrochemically induced aromatic C-H phosphonation of azoles with dialkyl-H-phosphonates under silver catalysis. <i>Dalton Transactions</i> , 2018, 47, 190-196.	1.6	38
70	Electrooxidative CH/PH functionalization as a novel way to synthesize benzo[b]phosphole oxides mediated by catalytic amounts of silver acetate. <i>New Journal of Chemistry</i> , 2018, 42, 930-935.	1.4	27
71	Isomeric indolizine-based $\pi$ -expanded push-pull NLO-chromophores: Synthesis and comparative study. <i>Journal of Molecular Structure</i> , 2018, 1156, 74-82.	1.8	16
72	Novel thiophosphorylated calix[4]resorcinol Mannich bases and their electrochemical behavior in hydrogen evolution reaction. <i>Mendeleev Communications</i> , 2018, 28, 515-517.	0.6	1

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73	Synthesis of water-soluble bis-N,O-chelate nickel(II) complexes based on new ligands with P-pyridyl-containing phospholane oxides. <i>Russian Chemical Bulletin</i> , 2018, 67, 1206-1211.	0.4	8
74	Ferrocene-Containing Sterically Hindered Phosphonium Salts. <i>Molecules</i> , 2018, 23, 2773.	1.7	6
75	Silica-supported silver nanoparticles as an efficient catalyst for aromatic C-H alkylation and fluoroalkylation. <i>Dalton Transactions</i> , 2018, 47, 9608-9616.	1.6	27
76	Transition metal-promoted reactions of diarylphosphine oxides as a synthetic method for organophosphorus heterocyclic compounds. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 269-279.	0.6	11
77	Organoelement chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , 2018, 87, 393-507.	2.5	157
78	Electron Transfer and Unusual Chemical Transformations of F4-CNQ in a Reaction with Mn-Phthalocyanine. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3344-3353.	1.0	10
79	Nonlinear optical activity of push-pull indolizine-based chromophores with various acceptor moieties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 764-772.	2.0	13
80	Exploring Mechanisms in Ni Terpyridine Catalyzed C-C Cross-Coupling Reactions: A Review. <i>Inorganics</i> , 2018, 6, 18.	1.2	49
81	Cobalt-Catalyzed Green Cross-Dehydrogenative C(sp <sup>2</sup> )-H/P-H Coupling Reactions. <i>Topics in Catalysis</i> , 2018, 61, 1949-1956.	1.3	18
82	Palladium Nanoparticles-Polypyrrole Composite as Effective Catalyst for Fluoroalkylation of Alkenes. <i>Catalysis Letters</i> , 2018, 148, 3119-3125.	1.4	9
83	Eco-efficient electrocatalytic C-P bond formation. <i>Pure and Applied Chemistry</i> , 2017, 89, 311-330.	0.9	44
84	Electrochemical and electrophysical properties of aminomethano- and tetrahydropyridino-C 60 -fullerenes. <i>Mendeleev Communications</i> , 2017, 27, 201-203.	0.6	2
85	Research Papers from the 21 <sup>st</sup> International Conference on Phosphorus Chemistry (ICPC-21). <i>Pure and Applied Chemistry</i> , 2017, 89, 279-280.	0.9	0
86	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
87	Silica Nanospheres Coated by Ultrasmall AgO Nanoparticles for Oxidative Catalytic Application. <i>Colloids and Interface Science Communications</i> , 2017, 21, 1-5.	2.0	12
88	Synthetic organometallic models of iron-containing hydrogenases as molecular electrocatalysts for hydrogen evolution or oxidation. <i>Russian Chemical Reviews</i> , 2017, 86, 298-317.	2.5	14
89	Push-pull isomeric chromophores with vinyl- and divinylquinoxaline-2-one units as $\pi$ -electron bridge: Synthesis, photophysical, thermal and electro-chemical properties. <i>Dyes and Pigments</i> , 2017, 146, 82-91.	2.0	23
90	Redox trends in cyclometalated palladium( $\sigma$ -allyl) complexes. <i>Dalton Transactions</i> , 2017, 46, 165-177.	1.6	34

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91	Novel approach to metal-induced oxidative phosphorylation of aromatic compounds. <i>Catalysis Today</i> , 2017, 279, 133-141.	2.2	39
92	Fe and Ni-catalyzed electrochemical perfluoroalkylation of C-H bonds of coumarins. <i>Russian Chemical Bulletin</i> , 2017, 66, 1446-1449.	0.4	7
93	Redox-Induced Aromatic C-H Bond Functionalization in Metal Complex Catalysis from the Electrochemical Point of View. <i>Inorganics</i> , 2017, 5, 70.	1.2	31
94	Electrochemical pathway to CH/PH functionalization of diphenylphosphine oxide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1602-1603.	0.8	8
95	Electrochemical phosphorylation of coumarins catalyzed by transition metal complexes (Ni-Mn). <i>Tetrahedron Letters</i> , 2017, 48, 1078-1081.	0.4	18
96	Metal complexes with aminomethylphosphines: Ni vs. Co in hydrogen evolution. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1604-1605.	0.8	2
97	Selective fluorination of pyridine and its derivatives in the presence of high-oxidation-state transition metals. <i>Russian Chemical Bulletin</i> , 2016, 65, 1798-1804.	0.4	6
98	One-stage synthesis of FcP(O)(OC <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> from ferrocene and <i>tert</i> -hydroxyethylphosphonate. <i>RSC Advances</i> , 2016, 6, 42701-42707.	1.7	30
99	Iron or nickel complexes bearing diphosphine and BIAN ligands as electrocatalysts for H <sub>2</sub> evolution. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1644-1645.	0.8	4
100	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
101	Direct phosphorylation of pyridine in the presence of Ni(BF <sub>4</sub> ) <sub>2</sub> bpy and CoCl <sub>2</sub> bpy metal complexes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1545-1546.	0.8	6
102	Novel phosphonium salt for paste electrode to study the redox properties of insoluble compounds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1611-1612.	0.8	12
103	Oxygen reduction reaction catalyzed by nickel complexes based on thiophosphorylated calix[4]resorcinols and immobilized in the membrane electrode assembly of fuel cells. <i>Dalton Transactions</i> , 2016, 45, 16157-16161.	1.6	15
104	Electrooxidative phosphorylation of coumarins by bimetallic catalytic systems Ni(II)/Mn(II) or Co(II)/Mn(II). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1660-1661.	0.8	7
105	Electrochemical properties of poly(manganese 1,1'-ferrocenediyl-bis( <i>tert</i> -phosphinate)). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1551-1552.	0.8	9
106	Various ways of C-P bonds formation via selective electrochemical phosphorylation of aromatic C-H bonds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1491-1493.	0.8	3
107	1-D nanostructures of iron, cobalt and of their complexes with thiophosphorylated calix[4]resorcinols. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1684-1685.	0.8	1
108	EPR-spectroelectrochemistry of nickel-organic complexes small molecules activators. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1613-1614.	0.8	0



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109	Electrochemical oxidative phosphorylation of azoles. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1658-1659.	0.8	11
110	New catalysts for PEM fuel cells. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1488-1490.	0.8	4
111	A Ni( $\eta^3$ ) complex stabilized by silica nanoparticles as an efficient nanoheterogeneous catalyst for oxidative C-H fluoroalkylation. Dalton Transactions, 2016, 45, 11976-11982.	1.6	27
112	Crystal Growth, Dynamic and Charge Transfer Properties of New Coronene Charge Transfer Complexes. Crystal Growth and Design, 2016, 16, 331-338.	1.4	45
113	New sterically-hindered o-quinones annelated with metal-dithiolates: regioselectivity in oxidative addition reactions of a bifacial ligand to the Pd and Pt complexes. Dalton Transactions, 2016, 45, 7400-7405.	1.6	20
114	Electrochemical Approaches to Synthesis Different (di)Phenylphosphine Oxide Derivatives. ECS Meeting Abstracts, 2016, , .	0.0	4
115	Directed Functionalization of Aromatic C-H Bonds in Electrocatalytic Phosphorylation and Fluoroalkylation Reactions with the Participant of Transition Metal Complexes. ECS Meeting Abstracts, 2016, , .	0.0	3
116	Ligand-directed electrochemical functionalization of C(sp <sup>2</sup> )-H bonds in the presence of the palladium and nickel compounds. Russian Chemical Bulletin, 2015, 64, 1713-1725.	0.4	28
117	New method of metal-induced oxidative phosphorylation of benzene. Russian Chemical Bulletin, 2015, 64, 1926-1932.	0.4	19
118	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
119	First iron and cobalt(ii) hexabromocyclorhathelates: structural, magnetic, redox, and electrocatalytic behavior. Dalton Transactions, 2015, 44, 2476-2487.	1.6	33
120	Accessing perfluoroalkyl nickel( $\eta^2$ ), ( $\eta^3$ ), and ( $\eta^4$ ) complexes bearing a readily attached [C <sub>4</sub> F <sub>8</sub> ] ligand. Dalton Transactions, 2015, 44, 19443-19446.	1.6	46
121	Electrochemical properties of diphosphonate-bridged palladacycles and their reactivity in arene phosphorylation. Journal of Solid State Electrochemistry, 2015, 19, 2665-2672.	1.2	50
122	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.	0.8	31
123	Nickel Complexes Based on Thiophosphorylated Calix[4]Resorcinols as Effective Catalysts for Hydrogen Evolution. Electroanalysis, 2015, 6, 357-364.	1.5	16
124	Nanoheterogeneous catalysis in electrochemically induced olefin perfluoroalkylation. Dalton Transactions, 2015, 44, 8833-8838.	1.6	19
125	Spectroelectrochemistry: ESR of Paramagnetic Intermediates in the Electron Transfer Series [Cr(bpy) <sub>3</sub> ] <sup>n</sup> (n=3+, 2+, 1+, 0, 1-). Electrochimica Acta, 2015, 182, 212-216.	2.6	9
126	Iron-catalyzed electrochemical C-H perfluoroalkylation of arenes. Dalton Transactions, 2015, 44, 19674-19681.	1.6	31



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127	Phosphorylation of C-H bonds of aromatic compounds using metals and metal complexes. Russian Chemical Reviews, 2015, 84, 917-951.	2.5	56
128	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.	2.3	31
129	Cyclic Phosphino Amino Pyridines—Novel Instrument for Construction of Catalysts and Luminescent Materials. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 729-732.	0.8	6
130	Synthesis and Reactivity of New Aminophenolate Complexes of Nickel. Molecules, 2014, 19, 13603-13613.	1.7	2
131	Electrochemical C-H phosphorylation of 2-phenylpyridine in the presence of palladium salts. Russian Chemical Bulletin, 2014, 63, 2641-2646.	0.4	21
132	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
133	Prospects of synthetic electrochemistry in the development of new methods of electrocatalytic fluoroalkylation. Journal of Organometallic Chemistry, 2014, 751, 301-305.	0.8	30
134	N,N'-Fused Bisphosphole: Heteroaromatic Molecule with Two-Coordinate and Formally Divalent Phosphorus. Synthesis, Electronic Structure, and Chemical Properties. Inorganic Chemistry, 2014, 53, 3243-3252.	1.9	35
135	Electrochemical Ortho Functionalization of 2-Phenylpyridine with Perfluorocarboxylic Acids Catalyzed by Palladium in Higher Oxidation States. Organometallics, 2013, 32, 4785-4792.	1.1	85
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