

Сведения о научных трудах

№ п/п	Название работы	Журнал	IF
1.	Metal-Mediated and Metal-Catalyzed Reactions of Isocyanides.	<i>Chem. Rev.</i>	37.369
2.	Coordination Chemistry of Dialkylcyanamides: Binding Properties, Synthesis of Metal Complexes, and Ligand Reactivity.	<i>Coord. Chem. Rev.</i>	12.994
3.	1,3-Dipolar Cycloaddition of Nitrone-Type Dipoles to Uncomplexed and Metal-Bound Substrates Bearing the C≡N Triple Bond.	<i>Coord. Chem. Rev.</i>	12.994
4.	Generation of HO • Radical from Hydrogen Peroxide Catalyzed by Aqua Complexes of the Group III Metals [M(H ₂ O) _n] ³⁺ (M = Ga, In, Sc, Y, or La): A Theoretical Study.	<i>ACS Catal.</i>	9.307
5.	Facile gold-catalyzed heterocyclization of terminal alkynes and cyanamides leading to substituted 2-amino-1,3-oxazoles	<i>Org. Lett.</i>	6.732
6.	Cu(I)-NHC-Catalyzed (2+3)-Annulation of Tetramic Acids with 2 <i>H</i> -Azirines: Stereoselective Synthesis of Functionalized Hexahydropyrrolo[3,4- <i>b</i>]pyrroles	<i>Org. Lett.</i>	6.732
7.	Regio- and Stereoselective 1,3-Dipolar Cycloaddition of Cyclic Azomethine Imines to Platinum(IV)-Bound Nitriles Giving Δ ² -1,2,4-Triazoline Species.	<i>Inorg. Chem.</i>	4.820
8.	Bifunctional Reactivity of Amidoximes Observed upon Nucleophilic Addition to Metal-Activated Nitriles	<i>Inorg. Chem.</i>	4.820
9.	Zinc(II)-Mediated Nitrile–Amidoxime Coupling Gives New Insights into H ⁺ -Assisted Generation of 1,2,4-Oxadiazoles	<i>Inorg. Chem.</i>	4.820
10.	Amidrazone Complexes from a Cascade Platinum(II)-Mediated Reaction between Amidoximes and Dialkylcyanamides	<i>Inorg. Chem.</i>	4.820
11.	Amidoximes Provide Facile Platinum(II)-Mediated Oxime–Nitrile Coupling	<i>Inorg. Chem.</i>	4.820
12.	Indole synthesis from 2 <i>H</i> -azirines and diazo compounds	<i>J. Org. Chem.</i>	4.785
13.	Platinum(II)-Complexed tetrahydroimidazo[1,2- <i>b</i>][1,2,4]oxadiazoles Derived from Metal-Mediated 1,3-Dipolar Cycloaddition. Novel Type of Heterocycles, Which Do Not Exist without the Metal Center.	<i>Organometallics</i>	4.186
14.	Highly Stereoselective 1,3-Dipolar Cycloaddition of Nitrones to (nitrile) ₂ PtII Species Furnishing Diastereomerically Pure 2,3-Dihydro-1,2,4-Oxadiazole Ligands.	<i>Organometallics</i>	4.186

15.	Borylated Tetrazoles from Cycloaddition of Azide Anions to Nitrilium Derivatives of Closo-Decaborate Clusters.	<i>Organometallics</i>	4.186
16.	One-end Nucleophilic Addition of Di- and Triamines to PtIV-coordinated Nitriles as an Entry to (amidine) PtIV Complexes Bearing Pendant NH ₂ -groups.	<i>Dalt. Trans.</i>	4.177
17.	Novel (cyanamide)ZnII Complexes and Zinc(ii)-Mediated Hydration of the Cyanamide Ligands.	<i>Dalt. Trans.</i>	4.177
18.	Push-Pull Nitrile Ligands Exhibit Specific Hydration Patterns.	<i>Dalt. Trans.</i>	4.177
19.	Dialkylcyanamides Are More Reactive Substrates toward Metal-Mediated Nucleophilic Addition than Alkylcyanides.	<i>Dalt. Trans.</i>	4.177
20.	Циклоприсоединение нитронов к металлоактивированным нитрильной и изоцианидной группам	<i>Успехи химии</i>	3.687
21.	Последние достижения химии изоксазола	<i>Успехи Химии</i>	3.687
22.	Cu(II)-catalyzed domino reaction of 2H-azirines with diazotetramic and diazotetronic acids. Synthesis of 2-substituted 2H-1,2,3-triazoles	<i>Org. Biomol. Chem.</i>	3.559
23.	Zinc-Mediated Generation of 5-Amino Substituted 2,3-Dihydro-1,2,4-Oxadiazoles and Their Further Zn ^{II} -Catalyzed and O ₂ -Involving Transformations.	<i>New J. Chem.</i>	3.277
24.	Guanidine platinum(II) Complexes: Synthesis, in Vitro Antitumor Activity, and DNA Interactions.	<i>J. Inorg. Biochem.</i>	3.205
25.	A Route to Benzo-Annulated δ -Sultams through Michael Cyclization	<i>Eur. J. Org. Chem.</i>	3.068
26.	Access to a Wide Range of Sultams by Cyclodialkylation of α -Substituted Methanesulfonanilides	<i>Eur. J. Org. Chem.</i>	3.068
27.	Bicyclic Sultams with a Nitrogen at the Bridgehead and a Sulfur Atom in the Apex Position: Facile Preparation and Conformational Properties	<i>Eur. J. Org. Chem.</i>	3.068
28.	Facile access to bicyclic sultams with 1-methoxycarbonyl-1-sulfonylcyclopropane moieties	<i>Eur. J. Org. Chem.</i>	3.068
29.	Click-Type Pt ^{II} -Mediated Hydroxyguanidine–Nitrile Coupling Provides Useful Catalysts for Hydrosilylation Cross-Linking	<i>ChemPlusChem</i>	2.836
30.	Platinum(IV)-Mediated Nitrile–Amidoxime Coupling Reactions: Insights into the Mechanism for the Generation of 1,2,4-Oxadiazoles	<i>ChemPlusChem</i>	2.836
31.	Azirinium ylides from α -diazoketones and 2H-azirines on the route to 2H-1,4-oxazines: three-membered ring opening vs 1,5-cyclization	<i>Beilstein J. Org. Chem.</i>	2.697

32.	Convenient synthesis of ethenylcyclopropane and some 2-cyclopropylcyclopropane derivatives	Synthesis	2.652
33.	4-Halo-2-azabuta-1,3-dienes as intermediates in the rhodium carbenoid-initiated transformation of 2-halo-2H-azirines into 2,3-dihydroazetes and 2,5-dihydrooxazoles	<i>Tetrahedron</i>	2.645
34.	Rh(II)-carbenoid mediated 2H-azirine ring-expansion as a convenient route to non-fused photo- and thermochromic 2H-1,4-oxazines	<i>Tetrahedron</i>	2.645
35.	Synthesis of electron-poor 4-halo-2-azabuta-1,3-dienes by Rh(II)-catalyzed diazo ester-azirine coupling. 2-Azabuta-1,3-diene-2,3-dihydroazete valence isomerism	<i>Tetrahedron Lett.</i>	2.347
36.	Rh(II)-Catalyzed reactions of 2H-azirines with ethyl 2-acyl-2-diazoacetates. Synthesis of novel photochromic oxazines	<i>Tetrahedron Lett.</i>	2.347
37.	Radical Decomposition of Hydrogen Peroxide Catalyzed by Aqua Complexes $[M(H_2O)_n]^{2+}$ (M = Be, Zn, Cd).	<i>J. Catal.</i>	2.151
38.	Metal-mediated cyanamide-hydroxyguanidine coupling	<i>Inorg. Chim. Acta</i>	1.918
39.	A New Route to N(1)-5R-Tetrazole Complexes via Azidation to Nitriles Coordinated to Pt(II) and Pt(IV).	<i>Inorg. Chim. Acta</i>	1.918
40.	Nickel(II) Complexes Featuring Dialkylcyanamide Ligands: Synthetic and Structural Studies.	<i>Inorg. Chim. Acta</i>	1.918
41.	Trans-Ligand-Dependent Arrangement (Bent or Linear) of Pt ^{II} -Bound Dialkylcyanamide Ligands: Molecular Structure of Trans-Dichloro(dimethylcyanamide)(dimethyl sulfoxide)platinum(II).	<i>J. Mol. Struct.</i>	1.780
42.	Synthesis of acyclic diaminocarbene palladium complex featuring triethoxysilane moiety	<i>Inorg. Chem. Comm.</i>	1.762
43.	Interplay between Nitronates and Nitriles Accomplished in a Pt ^{IV} -Mediated Reaction.	<i>Inorg. Chem. Comm.</i>	1.762
44.	Diplatinum(III) $[Cl_2(\mu_2\text{-amidinate})_4]$ compound derived from air oxidation of mononuclear cis- $[Pt^{II}(NH_3)_2(\text{amidine-}\kappa 1)_2]^{2+}$ complex.	<i>Inorg. Chem. Comm.</i>	1.762