

Alexander Yu Ivanov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	(E)-3-Arylidene-4-diazopyrrolidine-2,5-diones: Preparation and Use in RhII-Catalyzed X-H Insertion Reactions towards Novel, Medicinally Important Michael Acceptors. <i>Synthesis</i> , 2021, 53, 1292-1300.	2.3	16
2	Noncovalent Axial π - π Interactions in Platinum(II) Complexes Strengthen in the Excited State. <i>ChemPhysChem</i> , 2021, 22, 2044-2049.	2.1	3
3	Metal-Involving Chalcogen Bond. The Case of Platinum(II) Interaction with Se/Te-Based σ -Hole Donors. <i>Journal of the American Chemical Society</i> , 2021, 143, 15701-15710.	13.7	28
4	Reactions of Quinolinecarbaldehydes with Arenes under Superelectrophilic Activation. NMR and DFT Studies of Dicationic Electrophilic Species. <i>Chemistry of Heterocyclic Compounds</i> , 2021, 57, 1007.	1.2	3
5	Isolation and Bioactivity of Secondary Metabolites from Solid Culture of the Fungus, <i>Alternaria sonchi</i> . <i>Biomolecules</i> , 2020, 10, 81.	4.0	23
6	Reactions of 2-carbonyl- and 2-hydroxy(or methoxy)alkyl-substituted benzimidazoles with arenes in the superacid $\text{CF}_3\text{SO}_3\text{H}$. NMR and DFT studies of dicationic electrophilic species. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1962-1973.	2.2	7
7	Different reactivity of phosphorylallenes under the action of Brønsted or Lewis acids: a crucial role of involvement of the P=O group in intra- or intermolecular interactions at the formation of cationic intermediates. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1491-1504.	2.2	4
8	Stagonolides J and K and Stagochromene A, Two New Natural Substituted Nonenolides and a New Disubstituted Chromene-4,5-dione Isolated from <i>Stagonospora cirsii</i> S-47 Proposed for the Biocontrol of <i>Sonchus arvensis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13040-13050.	5.2	17
9	Spatial Structure and Nontrivial Stereodynamics of Tricyclic Perhydro-1,2,4,5-Tetrazines. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 172-177.	1.2	3
10	Halides Held by Bifurcated Chalcogen-Hydrogen Bonds. Effect of $\frac{1}{4}(S\cdots H)\cdots Cl$ Contacts on Dimerization of $\text{Cl}(\text{carbene})\text{Pd}^{\text{II}}$ Species. <i>Inorganic Chemistry</i> , 2018, 57, 3420-3433.	4.0	66
11	Fe(II)-Catalyzed Isomerization of 5-Chloroisoxazoles to 2-H-Azirine-2-carbonyl Chlorides as a Key Stage in the Synthesis of Pyrazole-Nitrogen Heterocycle Dyads. <i>Journal of Organic Chemistry</i> , 2018, 83, 3177-3187.	3.2	32
12	Generation of 1,2-oxathiolium ions from (arylsulfonyl)- and (arylsulfinyl)allenes in Brønsted acids. NMR and DFT study of these cations and their reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2897-2906.	2.2	6
13	Reactions of 3,3,3-Trihalogeno-1-nitropropenes with Arenes in the Superacid $\text{CF}_3\text{SO}_3\text{H}$: Synthesis of Z -3,3,3-Trihalogeno-1,2-diarylpropan-1-one Oximes and Study on the Reaction Mechanism. <i>Journal of Organic Chemistry</i> , 2018, 83, 10142-10157.	3.2	11
14	Effect of the donor-acceptor properties of ligands on the spectroscopic and electrochemical properties of mixed-ligand complexes of Pt(II) and Ir(III) with cyclometalated 2-phenylbenzothiazole. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2017, 122, 426-434.	0.6	3
15	Brominated CF_3 -allyl alcohols as multicentered electrophiles in TfOH promoted reactions with arenes. <i>Organic Chemistry Frontiers</i> , 2017, 4, 255-265.	4.5	20
16	2,5-Dihydro-1,2-dioxaphosphol-2-ium Ions, as Highly Reactive Phosphorus-Centered Electrophiles: Generation, NMR Study, and Reactions. <i>ChemistrySelect</i> , 2017, 2, 4505-4510.	1.5	8
17	Contents of β -O-4 and γ -O-4 Bonds in Native Lignin and Isolated Lignin Preparations. <i>Journal of Wood Chemistry and Technology</i> , 2017, 37, 294-306.	1.7	20
18	Diversity of Isomerization Patterns and Protolytic Forms in Aminocarbene Pd^{II} and Pt^{II} Complexes Formed upon Addition of N,N' -Diphenylguanidine to Metal-Activated Isocyanides. <i>Organometallics</i> , 2017, 36, 4145-4159.	2.3	24

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19	A new family of clusters containing a silver-centered tetracapped [Ag@Ag ₄ (I ^{1/4} ₃ -P) ₄] tetrahedron, inscribed within a N ₁₂ icosahedron. Dalton Transactions, 2017, 46, 12425-12429.	3.3	29
20	Brønsted Acid Promoted Cyclization of Cross-Conjugated Enynones into Dihydropyranones. European Journal of Organic Chemistry, 2017, 2017, 3635-3645.	2.4	13
21	Low-temperature equilibria in solutions of isocyanide-phosphine complexes of palladium(II) chloride. Russian Journal of General Chemistry, 2017, 87, 2605-2611.	0.8	5
22	A speedy route to sterically encumbered, benzene-fused derivatives of privileged, naturally occurring hexahydropyrrolo[1,2-b]isoquinoline. Beilstein Journal of Organic Chemistry, 2017, 13, 1413-1424.	2.2	19
23	Metal-free hydroarylation of the side chain carbon-carbon double bond of 5-(2-arylethenyl)-3-aryl-1,2,4-oxadiazoles in triflic acid. Beilstein Journal of Organic Chemistry, 2017, 13, 883-894.	2.2	10
24	Thiazol-4-one derivatives from the reaction of monosubstituted thioureas with maleimides: structures and factors determining the selectivity and tautomeric equilibrium in solution. Beilstein Journal of Organic Chemistry, 2016, 12, 2563-2569.	2.2	5
25	Complexes of Ir(III) and Pt(II) with cyclometallated 2-phenylbenzothiazole and chelating diethyldithiocarbamate and O-ethylthiocarbonate ions: Structures and optical and electrochemical properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2016, 42, 178-186.	1.0	5
26	A New Synthesis of 2-Aminoindoles and 6-Aminopyrrolo[3,2-d]pyrimidines from I ¹ -Deficient 1,2-Dihaloarenes and Geminal Enediamines. Synthesis, 2016, 48, 2851-2862.	2.3	10
27	On the possibility for synthesizing dihydrotriazolothiadiazoles by condensation of 4-amino-2,4-dihydro-3H-1,2,4-triazole-3-thiones with aromatic aldehydes. Russian Journal of Organic Chemistry, 2016, 52, 421-428.	0.8	1
28	Double tandem cyclization of 4-(1-acyl-2,2-diaminovinyl)-6-arylpyrimidine-5-carbonitriles. Synthesis of novel peri-annulated azines. Tetrahedron Letters, 2016, 57, 5192-5196.	1.4	0
29	Synthesis, Transformations of Pyrrole- and 1,2,4-Triazole-Containing Ensembles, and Generation of Pyrrole-Substituted Triazole NHC. Journal of Organic Chemistry, 2016, 81, 11210-11221.	3.2	24
30	Friedel-Crafts Alkylation of Arenes with 2-Halogeno-2-CF ₃ -styrenes under Superacidic Conditions. Access to Trifluoromethylated Ethanes and Ethenes. Journal of Organic Chemistry, 2016, 81, 5032-5045.	3.2	18
31	Determination of curcumin in biologically active supplements and food spices using a mesofluidic platform with fluorescence detection. Talanta, 2016, 159, 300-306.	5.5	12
32	Transformations of Conjugated Enynones in the Superacid CF ₃ SO ₃ H. Synthesis of Butadienyl Triflates, Indanones, and Indenes. Journal of Organic Chemistry, 2016, 81, 1967-1980.	3.2	23
33	Study of Structure of Industrial Acid Hydrolysis Lignin, Oxidized in the H ₂ O ₂ -H ₂ SO ₄ System. Journal of Wood Chemistry and Technology, 2016, 36, 259-269.	1.7	19
34	Solid-State and Solution Metallophilic Aggregation of a Cationic [Pt(NCN)L] ⁺ Cyclometallated Complex. Inorganic Chemistry, 2016, 55, 3351-3363.	4.0	68
35	Structure, optical and electrochemical properties of binuclear complexes with platinated 2-phenylbenzothiazole and bridging 2-mercapto-derivatives of pyridine, pyrimidine, benzothiazole, and benzoxazole. Journal of Structural Chemistry, 2015, 56, 880-886.	1.0	9
36	Binuclear platinated 2-phenylbenzothiazole complexes with bridging 2-mercapto derivatives of thiazoline, 1-methylimidazole, and pyrimidine: Structures and optical and electrochemical properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2015, 41, 387-394.	1.0	2

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37	Structure, optical, and electrochemical properties of cyclometalated iridium complexes with 2-phenylbenzothiazol, N-(benzothiazole)-N-idoacetamidinate, and N-(thiazole)-N-idoacetamidinate ions. Russian Journal of General Chemistry, 2015, 85, 2634-2641.	0.8	2
38	Alkylation and Aminomethylation of 1,3-Dihydro-2H-Benzimidazole-2-Thione. Chemistry of Heterocyclic Compounds, 2015, 50, 1547-1558.	1.2	11
39	Facile synthesis of pyrido[2,3-d]pyrimidines via cyclocondensation of 4,6-dichloro-2-methylsulfanylpyrimidine-5-carbaldehyde with β -substituted β -aminoacrylic esters. Tetrahedron, 2015, 71, 6196-6203.	1.9	9
40	Reactions of CF ₃ -enones with arenes under superelectrophilic activation: a pathway to trans-1,3-diaryl-1-CF ₃ -indanes, new cannabinoid receptor ligands. Organic and Biomolecular Chemistry, 2015, 13, 8827-8842.	2.8	33
41	Chemical structure and physicochemical properties of oxidized hydrolysis lignin. Russian Journal of Applied Chemistry, 2015, 88, 1295-1303.	0.5	10
42	Cyclocondensation of Ethyl (imidazolidine-2-ylidene)acetate with Aromatic Esters Bearing Labile Halogen in <i>ortho</i> -Position. Journal of Heterocyclic Chemistry, 2015, 52, 1192-1194.	2.6	2
43	Technetium and Rhenium Pentacarbonyl Complexes with C ₂ and C ₁₁ -Isocyanocarboxylic Acid Esters. Inorganic Chemistry, 2014, 53, 7861-7869.	4.0	17
44	Synthesis of novel peri-fused heterocyclic systems—pyrimido[4,5,6-de][1,8]naphthyridines, based on interaction of 4,6-dichloro-2-methylthiopyrimidine-5-carbaldehyde with geminal enediamines. Tetrahedron, 2014, 70, 7900-7905.	1.9	7
45	New transformations of 2-methylsulfanyl-4,6-dichloropyrimidine-5-carbaldehyde involving enamines: synthesis of condensed azines. Mendeleev Communications, 2014, 24, 163-164.	1.6	7
46	Stereochemistry and nmr Spectra of Some Tricyclic Condensed Thiazolidine Derivatives with a Bridgehead Nitrogen Atom. Chemistry of Heterocyclic Compounds, 2014, 50, 550-556.	1.2	2
47	Reaction of 1,2-dihaloarenes with ethyl 2-(imidazolidin-2-ylidene)acetate. A novel method for the synthesis of 2,3-dihydro-1H-imidazo[1,2-a]indoles and their aza analogs. Chemistry of Heterocyclic Compounds, 2013, 49, 648-650.	1.2	4
48	Direction of hydrolysis of esters of some pyrimidine-5-carboxylic acids. Chemistry of Heterocyclic Compounds, 2007, 43, 1479-1480.	1.2	0
49	N-Amination of Unsymmetrically Substituted Pyrimidines. Synthesis of Isomeric N-Aminopyrimidones. Chemistry of Heterocyclic Compounds, 2003, 39, 195-199.	1.2	2
50	N-Amination of 4-Pyrimidones by Mesitylenesulfonyl Hydroxylamine. Chemistry of Heterocyclic Compounds, 2002, 38, 710-713.	1.2	1