Alexander Yu Ivanov

List of Publications by Year
in descending order

50 papers	673 citations	516710 16 h-index	610901 24 g-index
53 all docs	53 docs citations	53 times ranked	836 citing authors

#	Article	IF	Citations
1	Solid-State and Solution Metallophilic Aggregation of a Cationic [Pt(NCN)L]⁺ Cyclometalated Complex. Inorganic Chemistry, 2016, 55, 3351-3363.	4.0	68
2	Halides Held by Bifurcated Chalcogenâ€“Hydrogen Bonds. Effect of Î¼_(S,Nâ€“H)Cl Contacts on Dimerization of Cl(carbene)Pd^{II} Species. Inorganic Chemistry, 2018, 57, 3420-3433.	4.0	66
3	Reactions of CF₃-enones with arenes under superelectrophilic activation: a pathway to trans-1,3-diaryl-1-CF₃-indanes, new cannabinoid receptor ligands. Organic and Biomolecular Chemistry, 2015, 13, 8827-8842.	2.8	33
4	Fe(II)-Catalyzed Isomerization of 5-Chloroisoxazoles to 2H-Azirine-2-carbonyl Chlorides as a Key Stage in the Synthesis of Pyrazoleâ€“Nitrogen Heterocycle Dyads. Journal of Organic Chemistry, 2018, 83, 3177-3187.	3.2	32
5	A new family of clusters containing a silver-centered tetracapped [Ag@Ag₄(Î¼₃-P)₄] tetrahedron, inscribed within a N₁₂ icosahedron. Dalton Transactions, 2017, 46, 12425-12429.	3.3	29
6	Metal-Involving Chalcogen Bond. The Case of Platinum(II) Interaction with Se/Te-Based Ï*f*-Hole Donors. Journal of the American Chemical Society, 2021, 143, 15701-15710.	13.7	28
7	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
8	Diversity of Isomerization Patterns and Protolytic Forms in Aminocarbene Pd^{II} and Pt^{II} Complexes Formed upon Addition of N,Nâ€²-Diphenylguanidine to Metal-Activated Isocyanides. Organometallics, 2017, 36, 4145-4159.	2.3	24
9	Transformations of Conjugated Enynones in the Superacid CF₃SO₃H. Synthesis of Butadienyl Triflates, Indanones, and Indenes. Journal of Organic Chemistry, 2016, 81, 1967-1980.	3.2	23
10	Isolation and Bioactivity of Secondary Metabolites from Solid Culture of the Fungus, Alternaria sonchi. Biomolecules, 2020, 10, 81.	4.0	23
11	Brominated CF₃-allyl alcohols as multicentered electrophiles in TfOH promoted reactions with arenes. Organic Chemistry Frontiers, 2017, 4, 255-265.	4.5	20
12	Contents of Î±-O-4 and Î²-O-4 Bonds in Native Lignin and Isolated Lignin Preparations. Journal of Wood Chemistry and Technology, 2017, 37, 294-306.	1.7	20
13	Study of Structure of Industrial Acid Hydrolysis Lignin, Oxidized in the H₂O₂-H₂SO₄System. Journal of Wood Chemistry and Technology, 2016, 36, 259-269.	1.7	19
14	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
15	Friedelâ€“Crafts Alkylation of Arenes with 2-Halogeno-2-CF₃-styrenes under Superacidic Conditions. Access to Trifluoromethylated Ethanes and Ethenes. Journal of Organic Chemistry, 2016, 81, 5032-5045.	3.2	18
16	Technetium and Rhenium Pentacarbonyl Complexes with C₂ and C₁₁ Ï‰-Isocyanocarboxylic Acid Esters. Inorganic Chemistry, 2014, 53, 7861-7869.	4.0	17
17	Stagonolides J and K and Stagochromene A, Two New Natural Substituted Nonenolides and a New Disubstituted Chromene-4,5-dione Isolated from Stagonospora cirsii S-47 Proposed for the Biocontrol of Sonchus arvensis. Journal of Agricultural and Food Chemistry, 2019, 67, 13040-13050.	5.2	17
18	(E)-3-Arylidene-4-diazopyrrolidine-2,5-diones: Preparation and Use in RhII-Catalyzed Xâ€“H Insertion Reactions towards Novel, Medicinally Important Michael Acceptors. Synthesis, 2021, 53, 1292-1300.	2.3	16

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19	BrÃ¸nsted Acid Promoted Cyclization of Crossâ€Conjugated Enynones into Dihydropyranâ€4â€ones. European Journal of Organic Chemistry, 2017, 2017, 3635-3645.	2.4	13
20	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
21	Alkylation and Aminomethylation of 1,3-Dihydro-2Ð•Benzimidazole-2-Thione. Chemistry of Heterocyclic Compounds, 2015, 50, 1547-1558.	1.2	11
22	Reactions of 3,3,3-Trihalogeno-1-nitropropenes with Arenes in the Superacid CF₃SO₃H: Synthesis of (Z)-3,3,3-Trihalogeno-1,2-diarylpropan-1-one Oximes and Study on the Reaction Mechanism. Journal of Organic Chemistry, 2018, 83, 10142-10157.	3.2	11
23	Chemical structure and physicochemical properties of oxidized hydrolysis lignin. Russian Journal of Applied Chemistry, 2015, 88, 1295-1303.	0.5	10
24	A New Synthesis of 2-Aminoindoles and 6-Aminopyrrolo[3,2-d]pyrimidines from Ï€-Deficient 1,2-Dihaloarenes and Geminal Enediamines. Synthesis, 2016, 48, 2851-2862.	2.3	10
25	Metal-free hydroarylation of the side chain carbonâ€"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
26	Structure, optical and electrochemical properties of binuclear complexes with platinated 2-phenylbenzothiazol and bridging 2-mercapto-derivatives of pyridine, pyrimidine, benzothiazole, and benzoxazole. Journal of Structural Chemistry, 2015, 56, 880-886.	1.0	9
27	Facile synthesis of pyrido[2,3-d]pyrimidines via cyclocondensation of 4,6-dichloro-2-methylsulfanylpyrimidine-5-carbaldehyde with Î²-substituted Î²-aminoacrylic esters. Tetrahedron, 2015, 71, 6196-6203.	1.9	9
28	2,5â€Dihydroâ€1,2â€oxaphospholâ€2â€ium Ions, as Highly Reactive Phosphorusâ€Centered Electrophiles: Generation, NMR Study, and Reactions. ChemistrySelect, 2017, 2, 4505-4510.	1.5	8
29	Synthesis of novel peri-fused heterocyclic systemsâ€"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
30	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
31	Reactions of 2-carbonyl- and 2-hydroxy(or methoxy)alkyl-substituted benzimidazoles with arenes in the superacid CF₃SO₃H. NMR and DFT studies of dicationic electrophilic species. Beilstein Journal of Organic Chemistry, 2019, 15, 1962-1973.	2.2	7
32	Generation of 1,2-oxathiolium ions from (arysulfonyl)- and (arylsulfinyl)allenes in BrÃ¸nsted acids. NMR and DFT study of these cations and their reactions. Beilstein Journal of Organic Chemistry, 2018, 14, 2897-2906.	2.2	6
33	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
34	Complexes of Ir(III) and Pt(II) with cyclometallated 2-phenylbenzothiazole and chelating diethyldithiocarbamate and O-ethyldithiocarbonate ions: Structures and optical and electrochemical properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2016, 42, 178-186.	1.0	5
35	Low-temperature equilibriums in solutions of isocyanide-phosphine complexes of palladium(II) chloride. Russian Journal of General Chemistry, 2017, 87, 2605-2611.	0.8	5
36	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

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37	Different reactivity of phosphorylallenes under the action of BrÃ¸nsted or Lewis acids: a crucial role of involvement of the P=O group in intra- or intermolecular interactions at the formation of cationic intermediates. Beilstein Journal of Organic Chemistry, 2019, 15, 1491-1504.	2.2	4
38	Effect of the donorâ€"acceptor properties of ligands on the spectroscopic and electrochemical properties of mixed-ligand complexes of Pt(II) and Ir(III) with cyclometalated 2-phenylbenzothiazole. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2017, 122, 426-434.	0.6	3
39	Spatial Structure and Nontrivial Stereodynamics of Tricyclic Perhydro-1,2,4,5-Tetrazines. Chemistry of Heterocyclic Compounds, 2019, 55, 172-177.	1.2	3
40	Noncovalent Axial Iâ‹…â‹…â‹…Ptâ‹…â‹…â‹…I Interactions in Platinum(II) Complexes Strengthen in the Excited State. ChemPhysChem, 2021, 22, 2044-2049.	2.1	3
41	Reactions of Quinolinecarbaldehydes with Arenes under Superelectrophilic Activation. NMR and DFT Studies of Dicationic Electrophilic Species. Chemistry of Heterocyclic Compounds, 2021, 57, 1007.	1.2	3
42	N-Amination of Unsymmetrically Substituted Pyrimidines. Synthesis of Isomeric N-Aminopyrimidones. Chemistry of Heterocyclic Compounds, 2003, 39, 195-199.	1.2	2
43	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
44	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
45	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
46	Cyclocondensation of Ethyl (imidazolidineâ€2â€ylidene)acetate with Aromatic Esters Bearing Labile Halogen in ‹i›ortho‹/i›â€Position. Journal of Heterocyclic Chemistry, 2015, 52, 1192-1194.	2.6	2
47	N-Amination of 4-Pyrimidones by Mesitylenesulfonyl Hydroxylamine. Chemistry of Heterocyclic Compounds, 2002, 38, 710-713.	1.2	1
48	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
49	Direction of hydrolysis of esters of some pyrimidine-5-carboxylic acids. Chemistry of Heterocyclic Compounds, 2007, 43, 1479-1480.	1.2	0
50	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