

Yulia Nelyubina

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361
papers

4,220
citations

29
h-index

46
g-index

441
ext. papers

5,012
ext. citations

3
avg, IF

5.83
L-index

#	Paper	IF	Citations
361	A Trigonal Prismatic Mononuclear Cobalt(II) Complex Showing Single-Molecule Magnet Behavior. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9792-5	16.4	228
360	A Planar-Chiral Rhodium(III) Catalyst with a Sterically Demanding Cyclopentadienyl Ligand and Its Application in the Enantioselective Synthesis of Dihydroisoquinolones. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7714-7718	16.4	128
359	"Higher density does not mean higher stability" mystery of paracetamol finally unraveled. <i>Chemical Communications</i> , 2010 , 46, 3469-71	5.8	76
358	Polymorphism in a Cobalt-Based Single-Ion Magnet Tuning Its Barrier to Magnetization Relaxation. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 4111-4116	6.4	76
357	Novel class of functionalized ionic liquids with grafted CMPO-moieties for actinides and rare-earth elements recovery. <i>Dalton Transactions</i> , 2010 , 39, 4170-8	4.3	74
356	Unexpected "amphoteric" character of the halogen bond: the charge density study of the co-crystal of N-methylpyrazine iodide with I ₂ . <i>Chemical Communications</i> , 2010 , 46, 5325-7	5.8	70
355	Cyclopalladated Complexes of 3-Thiophosphorylbenzoic Acid Thioamides: Hybrid Pincer Ligands of a New Type. Synthesis, Catalytic Activity, and Photophysical Properties. <i>Organometallics</i> , 2008 , 27, 4062-4070	3.8	68
354	A Planar-Chiral Rhodium(III) Catalyst with a Sterically Demanding Cyclopentadienyl Ligand and Its Application in the Enantioselective Synthesis of Dihydroisoquinolones. <i>Angewandte Chemie</i> , 2018 , 130, 7840-7844	3.6	64
353	Six-membered cyclic nitronates as 1,3-dipoles in formal [3 + 3]-cycloaddition with donor-acceptor cyclopropanes. Synthesis of new type of bicyclic nitrosoacetals. <i>Organic Letters</i> , 2013 , 15, 350-3	6.2	63
352	Anion-Anion interactions: their nature, energy and role in crystal formation. <i>Russian Chemical Reviews</i> , 2010 , 79, 167-187	6.8	55
351	Cyclopalladation of meta-(Diphenylthiophosphoryloxy)benzaldimines: NCS and Unexpected NCO 5,6-Membered Pincer Palladium Complexes. <i>Organometallics</i> , 2010 , 29, 2054-2062	3.8	53
350	Hybrid Thiophosphoryl-Benzothiazole Palladium SCN-Pincer Complexes: Synthesis and Effect of Structure Modifications on Catalytic Performance in the Suzuki Cross-Coupling. <i>Organometallics</i> , 2011 , 30, 2920-2932	3.8	52
349	A New Volume-Based Approach for Predicting Thermophysical Behavior of Ionic Liquids and Ionic Liquid Crystals. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10076-9	16.4	50
348	Tertiary Amine-Derived Ionic Liquid-Supported Squaramide as a Recyclable Organocatalyst for Noncovalent On Water Catalysis. <i>ACS Catalysis</i> , 2017 , 7, 2981-2989	13.1	48
347	Water clusters in crystal: Beyond the "hydrogen-bonding graphs". <i>ChemPhysChem</i> , 2006 , 7, 2453-5	3.2	43
346	Synthesis of Ruthenium Half-Sandwich Complexes by Naphthalene Replacement in [CpRu(C10H8)] ⁺ . <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 481-493	2.3	42
345	Are halide...halide contacts a feature of rock-salts only?. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 1091-5	2.5	40

344	Simple synthesis of ruthenium pi complexes of aromatic amino acids and small peptides. <i>Chemistry - A European Journal</i> , 2010 , 16, 8466-70	4.8	37
343	NO ₂ and NO ₃ interactions in the crystal of urea nitrate. <i>CrystEngComm</i> , 2007 , 9, 991	3.3	37
342	Trigonal Prismatic Tris-pyridineoximate Transition Metal Complexes: A Cobalt(II) Compound with High Magnetic Anisotropy. <i>Inorganic Chemistry</i> , 2017 , 56, 6943-6951	5.1	35
341	Di- and Triphenylacetates of Lanthanum and Neodymium. Synthesis, Structural Diversity, and Application in Diene Polymerization. <i>Organometallics</i> , 2013 , 32, 1272-1286	3.8	35
340	Radical Nitration-Debromination of β -Bromo- β -fluoroalkenes as a Stereoselective Route to Aromatic β -Fluoronitroalkenes-Functionalized Fluorinated Building Blocks for Organic Synthesis. <i>Journal of Organic Chemistry</i> , 2017 , 82, 5274-5284	4.2	34
339	Probing Spin Crossover in a Solution by Paramagnetic NMR Spectroscopy. <i>Inorganic Chemistry</i> , 2017 , 56, 14759-14762	5.1	33
338	Chiral ion pairs in catalysis: lithium salts of chiral metallocycle anions as catalysts for asymmetric C-C bond formation. <i>Tetrahedron: Asymmetry</i> , 2009 , 20, 1746-1752		33
337	5,6-Membered palladium pincer complexes of 1-thiophosphoryloxy-3-thiophosphorylbenzenes. Synthesis, X-ray structure, and catalytic activity. <i>Dalton Transactions</i> , 2009 , 8657-66	4.3	33
336	Rhodium(III) Complex with a Bulky Cyclopentadienyl Ligand as a Catalyst for Regioselective Synthesis of Dihydroisoquinolones through C-H Activation of Arylhydroxamic Acids. <i>Chemistry - A European Journal</i> , 2018 , 24, 16570-16575	4.8	33
335	The role of a Lewis acid in the Nenitzescu indole synthesis. <i>Tetrahedron Letters</i> , 2008 , 49, 7106-7109	2	30
334	Formal [3+3]-cycloaddition of 3-methyl-5,6-dihydro-4H-1,2-oxazine-N-oxides with cyclopropane dicarboxylates under hyperbaric conditions. <i>Tetrahedron Letters</i> , 2015 , 56, 2102-2105	2	29
333	Pseudosymmetry in trinitropyrazole: the cost of error in space-group determination. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2892-4	16.4	29
332	Synthesis of new chiral mono-, di-, tri-, and tetraalkylglycolurils. <i>Russian Chemical Bulletin</i> , 2005 , 54, 691-704		29
331	Pseudosymmetry as viewed using charge density analysis. <i>CrystEngComm</i> , 2010 , 12, 77-81	3.3	28
330	Hydrogen bonds between zwitterions: intermediate between classical and charge-assisted ones. A case study. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 3615-20	2.8	28
329	Detailed electronic structure of a high-spin cobalt(ii) complex determined from NMR and THz-EPR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 8201-8204	3.6	27
328	Recent advances in biological applications of cage metal complexes. <i>RSC Advances</i> , 2015 , 5, 72621-72637	3.7	27
327	Copper-mediated oxidative [3 + 2]-annulation of nitroalkenes and pyridinium ylides: general access to functionalized indolizines and efficient synthesis of 1-fluoroindolizines. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 1442-1454	3.9	26

326	Stereoselective Alkane Oxidation with meta-Chloroperoxybenzoic Acid (MCPBA) Catalyzed by Organometallic Cobalt Complexes. <i>Molecules</i> , 2016 , 21,	4.8	25
325	Experimental charge density evidence for pnictogen bonding in a crystal of ammonium chloride. <i>ChemPhysChem</i> , 2015 , 16, 676-81	3.2	24
324	Lanthanide pyrazolecarboxylates for OLEDs and bioimaging. <i>Journal of Luminescence</i> , 2018 , 202, 38-46	3.8	24
323	Metathesis of Azomethine Imines in Reaction of 6-aryl-1,5-Diazabicyclo[3.1.0]Hexanes with (Het)Arylidene malononitriles. <i>Mendeleev Communications</i> , 2013 , 23, 34-36	1.9	24
322	Cyclobutadiene Arene Complexes of Rhodium and Iridium. <i>Organometallics</i> , 2016 , 35, 3025-3031	3.8	23
321	Probing Ionic Crystals by the Invariom Approach: An Electron Density Study of Guanidinium Chloride and Carbonate. <i>Chemistry - A European Journal</i> , 2015 , 21, 9733-41	4.8	23
320	From "loose" to "dense" crystalline phases of calcium carbonate through "repulsive" interactions: an experimental charge-density study. <i>Chemistry - A European Journal</i> , 2012 , 18, 12633-6	4.8	23
319	Synthesis of PDE IVb Inhibitors. 3. Synthesis of (+)-, (-)-, and (E)-7-[3-(cyclopentyloxy)-4-methoxyphenyl]hexahydro-3H-pyrrolizin-3-one via reductive domino transformations of 3- β -carbomethoxyethyl-substituted six-membered cyclic nitronates. <i>Journal of Organic Chemistry</i> , 2012 , 77, 5175-5182	4.2	23
318	Synthesis of PDE IVb inhibitors. 1. Asymmetric synthesis and stereochemical assignment of (+)- and (-)-7-[3-(cyclopentyloxy)-4-methoxyphenyl]hexahydro-3H-pyrrolizin-3-one. <i>Journal of Organic Chemistry</i> , 2011 , 76, 7893-900	4.2	23
317	Rearrangement of 3-alkylidene-2-siloxy-tetrahydro-1,2-oxazines (ASENA). A new approach toward the synthesis of 3- β -hydroxyalkyl-5,6-dihydro-4H-1,2-oxazines. <i>Tetrahedron</i> , 2009 , 65, 4578-4592	2.4	23
316	Borole triple-decker complexes as catalysts for oxidative coupling of benzoic acid with alkynes. Structure of a hybrid rhodacyclopentadienyl/borole triple-decker complex. <i>Journal of Molecular Catalysis A</i> , 2017 , 426, 393-397		22
315	Synthesis and Regioselective N-2 Functionalization of 4-Fluoro-5-aryl-1,2,3-NH-triazoles. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 6851-6860	3.2	22
314	Highly Cytotoxic Palladium(II) Pincer Complexes Based on Picolinylamides Functionalized with Amino Acids Bearing Ancillary S-Donor Groups. <i>Inorganic Chemistry</i> , 2017 , 56, 9834-9850	5.1	22
313	Polymerization of 5-Alkylidene-2-norbornenes with Highly Active Pd π -Heterocyclic Carbene Complex Catalysts: Catalyst Structure-Activity Relationships. <i>ACS Catalysis</i> , 2020 , 10, 1663-1678	13.1	22
312	Indenyl rhodium complexes. Synthesis and catalytic activity in reductive amination using carbon monoxide as a reducing agent. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 106-112	2.3	22
311	Metal-assisted addition of a nitrate anion to bis(oxy)enamines. A general approach to the synthesis of β -nitroso-oxime derivatives from nitronates. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 3963-74	3.9	21
310	The synthesis of sterically hindered amines by a direct reductive amination of ketones. <i>Chemical Communications</i> , 2016 , 52, 1397-400	5.8	20
309	Ionic-liquids-assisted reaction of 6-aryl-1,5-diazabicyclo[3.1.0]hexanes with β -nitrostyrenes. <i>Mendeleev Communications</i> , 2009 , 19, 276-278	1.9	20

308	Complexation of N-alkyl(aryl)- and N,N-dialkylcarbamoylmethylphosphine oxides with the f-elements. <i>Russian Chemical Bulletin</i> , 2008 , 57, 1890-1896	1.7	20
307	Indenyl Rhodium Complexes with Arene Ligands: Synthesis and Application for Reductive Amination. <i>Organometallics</i> , 2018 , 37, 2553-2562	3.8	19
306	1,2,5-Thiadiazole 2-oxides: selective synthesis, structural characterization, and electrochemical properties. <i>Tetrahedron</i> , 2014 , 70, 5558-5568	2.4	19
305	General Route to Cyclobutadiene Rhodium Complexes. <i>Chemistry - A European Journal</i> , 2015 , 21, 16344-16348	4.8	19
304	The first example of mechanochemical synthesis of organometallic pincer complexes. <i>Inorganic Chemistry Communication</i> , 2017 , 76, 33-35	3.1	18
303	Bioluminescence chemistry of fireworm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 18911-18916	11.5	18
302	A Trigonal Prismatic Cobalt(II) Complex as a Single Molecule Magnet with a Reduced Contribution from Quantum Tunneling. <i>ChemPhysChem</i> , 2019 , 20, 1001-1005	3.2	18
301	Acylation of Nitronates: [3,3]-Sigmatropic Rearrangement of in Situ Generated N-Acyloxy, N-oxyenamines. <i>Journal of Organic Chemistry</i> , 2018 , 83, 11057-11066	4.2	18
300	Synthesis and biological evaluation of new substituted thioglycolurils, their analogues and derivatives. <i>European Journal of Medicinal Chemistry</i> , 2017 , 140, 141-154	6.8	18
299	Iridium Halide Complexes [1,1-X2-8-SMe2-1,2,8-IrC2B9H10]2 (X = Cl, Br, I): Synthesis, Reactivity and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4635-4644	2.3	18
298	Hybrid NCS palladium pincer complexes of thiophosphorylated benzaldimines and their ketimine analogs. <i>Journal of Organometallic Chemistry</i> , 2012 , 711, 52-61	2.3	18
297	Cation- π and lone pair- π interactions combined in one: the first experimental evidence of (H3O- π) $^+$ system binding in a crystal. <i>ChemPhysChem</i> , 2011 , 12, 2895-8	3.2	18
296	Charge transfer and hydrogen bond energy in glycinium salts. <i>Russian Chemical Bulletin</i> , 2009 , 58, 31-40	1.7	18
295	Probing weak intermolecular interactions by using the invariom approach: a comparative study of s-tetrazine. <i>Chemistry - A European Journal</i> , 2014 , 20, 6978-84	4.8	17
294	Structural and Spectral Properties of Photochromic Diarylethenes: Size Effect of the Ethene Bridge. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1477-1486	4.2	16
293	Towards the Molecular Design of Spin-Crossover Complexes of 2,6-Bis(pyrazol-3-yl)pyridines. <i>Chemistry - A European Journal</i> , 2020 , 26, 5629-5638	4.8	16
292	[1,2,5]Selenadiazolo[3,4-b]pyrazines: Synthesis from 3,4-Diamino-1,2,5-selenadiazole and Generation of Persistent Radical Anions. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5585-5593	3.2	16
291	Six-Membered Cyclic Nitroso Acetals: Synthesis and Studies of the Nitrogen Inversion Process of N-Silyloxy-3,6-dihydro-2H-1,2-oxazines. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 5569-5578	3.2	16

- 290 Copper-mediated oxidative [3 + 2]-annulation of nitroalkenes and pyridinium imines: efficient synthesis of 3-fluoro- and 3-nitro-pyrazolo[1,5-a]pyridines. *Organic and Biomolecular Chemistry*, **2020**, 18, 1436-1448 3.9 15
- 289 Rhodium(iii)-catalyzed CF-carbenoid C-H functionalization of 6-arylpurines. *Organic and Biomolecular Chemistry*, **2018**, 16, 2966-2974 3.9 15
- 288 Iodide [(η -indenyl)IrI₂]ⁿ: an effective precursor to (indenyl)iridium sandwich complexes. *Mendeleev Communications*, **2016**, 26, 491-493 1.9 15
- 287 Tandem Pd-catalyzed C \equiv C coupling/recyclization of 2-(2-bromoaryl)cyclopropane-1,1-dicarboxylates with primary nitro alkanes. *Tetrahedron Letters*, **2016**, 57, 11-14 2 15
- 286 Fluoronitroalkenes in tandem [4 + 1]/[3 + 2]-cycloaddition: one-pot three-component assembly of fluorinated bicyclic nitroso acetals. *Organic Chemistry Frontiers*, **2018**, 5, 2588-2594 5.2 15
- 285 Cyclooctadiene iridium complexes [Cp*Ir(COD)X]⁺ (X = Cl, Br, I): Synthesis and application for oxidative coupling of benzoic acid with alkynes. *Journal of Organometallic Chemistry*, **2018**, 874, 7-12 2.3 15
- 284 Quantum chemical methods in charge density studies from X-ray diffraction data. *Russian Chemical Reviews*, **2019**, 88, 677-716 6.8 15
- 283 The dark side of hydrogen bonds in the design of optical materials: a charge-density perspective. *Chemistry - A European Journal*, **2014**, 20, 2860-5 4.8 15
- 282 Uranium complexes of cyclic O,O-bidentate ligands with the PNP backbone. *Inorganica Chimica Acta*, **2011**, 373, 130-136 2.7 15
- 281 ClO₃⋯ClO₃ interactions in crystalline sodium chlorate. *Mendeleev Communications*, **2008**, 18, 29-31 1.9 15
- 280 Demethylation of the SME 2 substituent in cationic metallacarboranes. Halide anion influence. *Journal of Organometallic Chemistry*, **2015**, 798, 257-262 2.3 14
- 279 Unusual intramolecular cyclization of tris(beta-oximinoalkyl)amines. the first synthesis of 1,4,6,10-tetraazaadamantanes. *Organic Letters*, **2009**, 11, 4072-5 6.2 14
- 278 Cyclization of 1,3-dialkyl-4,5-bis(1-thiosemicarbazido)-imidazolidin-2-ones(thiones) with aromatic aldehydes. *Mendeleev Communications*, **2010**, 20, 285-287 1.9 14
- 277 Condensation of 5,7-dimethyl-4a,7a-diphenyl-3-thioxoperhydroimidazo[4,5-e]-1,2,4-triazin-6-one with halogenoacetic acids. *Mendeleev Communications*, **2010**, 20, 47-49 1.9 14
- 276 Anion-anion assembly in crystal of sodium nitroprusside. *Journal of Physical Chemistry A*, **2008**, 112, 8790-8 14
- 275 Tri- and tetranuclear heteropivalate complexes with core {Fe₂Ni O} (x = 1, 2): Synthesis, structure, magnetic and thermal properties. *Polyhedron*, **2019**, 159, 426-435 2.7 14
- 274 Design of Manganese Phenol Pi-complexes as Shvo-type Catalysts for Transfer Hydrogenation of Ketones. *ChemCatChem*, **2019**, 11, 1602-1605 5.2 13
- 273 Invariom approach as a new tool in electron density studies of ionic liquids: a model case of 1-butyl-2,3-dimethylimidazolium chloride BDMIM[Cl]. *RSC Advances*, **2015**, 5, 75360-75373 3.7 13

272	Solid-phase cyclopalladation in S,C,S'-pincer systems: rising alternative for synthesis in solution. <i>Dalton Transactions</i> , 2015 , 44, 3216-26	4.3	13
271	Very Large Magnetic Anisotropy of Cage Cobalt(II) Complexes with a Rigid Cholesteryl Substituent from Paramagnetic NMR Spectroscopy. <i>ACS Omega</i> , 2018 , 3, 4941-4946	3.9	13
270	A comparative study of a mixed-ligand copper(II) complex by the theory of atoms in molecules and the Voronoi tessellation. <i>Mendeleev Communications</i> , 2014 , 24, 216-218	1.9	13
269	Probing systematic errors in experimental charge density by multipole and invariom modeling: a twinned crystal of 1,10-phenanthroline hydrate. <i>Mendeleev Communications</i> , 2014 , 24, 286-289	1.9	13
268	The First Synthesis of Furoxan and 1,3,4-Oxadiazole Ring Ensembles. <i>Journal of Heterocyclic Chemistry</i> , 2013 , 50, 135-140	1.9	13
267	Prolinamide-Derived Ionic-Liquid-Supported Organocatalyst for Asymmetric Mono- and Bis-Aldol Reactions in the Presence of Water. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5649-5654	3.2	13
266	Monoanionic salicylaldimine ligands with (thio)phosphoryl pendant arms: Synthesis and complexing features. <i>Inorganica Chimica Acta</i> , 2013 , 404, 167-174	2.7	13
265	Cd(II) and Cd(II)Eu(III) Complexes with Pentafluorobenzoic Acid Anions and N-Donor Ligands: Synthesis and Structures. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 557-572	1.6	13
264	Substituted N-aminothioglycolurils containing thiosemicarbazone moiety and their cytotoxic activity in vitro. <i>Molecular Diversity</i> , 2016 , 20, 837-846	3.1	13
263	New access to thioglycolurils by condensation of 4,5-dihydroxyimidazolidin-2-ones(thiones) with HSCN. <i>Tetrahedron Letters</i> , 2015 , 56, 6085-6088	2	12
262	Design of pincer complexes based on (methylsulfanyl)acetic/propionic acid amides with ancillary S- and N-donors as potential catalysts and cytotoxic agents. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4360	3.1	12
261	Insertion of carbenoids into X-H bonds catalyzed by the cyclobutadiene rhodium complexes. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 86-91	2.3	12
260	Fluorene Complexes of Group 9 Metals: Fluorene Effect and Application for Reductive Amination. <i>Organometallics</i> , 2019 , 38, 3151-3158	3.8	12
259	Synthesis, X-ray structure and electrochemical properties of hybrid binuclear metallophthalocyaninate-capped tris-pyridineoximates. <i>New Journal of Chemistry</i> , 2017 , 41, 3251-3259	3.6	11
258	Non-classical N-metallated Pd(II) pincer complexes featuring amino acid pendant arms: Synthesis and biological activity. <i>Polyhedron</i> , 2018 , 143, 70-82	2.7	11
257	Synthesis of amino acid esters of the ruthenium naphthalene complex [(C5Me4CH2OH)Ru(C10H8)] ⁺ . <i>Inorganica Chimica Acta</i> , 2014 , 409, 390-393	2.7	11
256	Extremely long Cu...O contact as a possible pathway for magnetic interactions in Na2Cu(CO3)2. <i>Inorganic Chemistry</i> , 2013 , 52, 14355-63	5.1	11
255	Generation and metathesis of azomethine imines in reaction of 6-aryl-1,5-diazabicyclo[3.1.0]hexanes with het(aryl)methylidenemalononitriles. <i>Russian Chemical Bulletin</i> , 2013 , 62, 1066-1075	1.7	11

254	β-Thioureidoalkylation of urea heteroanalogs. <i>Russian Chemical Bulletin</i> , 2009 , 58, 1945-1954	1.7	11
253	4-Thio derivatives of sydnone imines. <i>Mendeleev Communications</i> , 2009 , 19, 322-323	1.9	11
252	β-Amino azoles in the synthesis of heterocycles: VI. Synthesis and structure of cycloalkane-annulated pyrazolo[1,5-a]pyrimidines. <i>Russian Journal of Organic Chemistry</i> , 2009 , 45, 1390-1401	0.7	11
251	Rhodium Catalysts with a Chiral Cyclopentadienyl Ligand Derived from Natural R-Myrtenal. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 6019-6025	3.2	11
250	Extending the Application Scope of Organophosphorus(V) Compounds in Palladium(II) Pincer Chemistry. <i>Organometallics</i> , 2019 , 38, 1062-1080	3.8	11
249	Intramolecular Spin State Locking in Iron(II) 2,6-Di(pyrazol-3-yl)pyridine Complexes by Phenyl Groups: An Experimental Study. <i>Magnetochemistry</i> , 2018 , 4, 46	3.1	11
248	Transferable Aspherical Atom Modeling of Electron Density in Highly Symmetric Crystals: A Case Study of Alkali-Metal Nitrates. <i>Inorganic Chemistry</i> , 2017 , 56, 4689-4697	5.1	10
247	Unexpected photochemical transformation of imidazole derivatives containing the 5-hydroxy-2-methyl-4H-pyran-4-one moiety. Environmentally friendly method for the synthesis of substituted imidazo[1,5-a]pyridine-5,8-diones. <i>Tetrahedron Letters</i> , 2019 , 60, 151080	2	10
246	New Spin-Crossover Complexes of Substituted 2,6-Bis(pyrazol-3-yl)pyridines. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2819-2829	2.3	10
245	Bioisostere Modifications of Cu ²⁺ and Zn ²⁺ with Pyromucic Acid Anions and N-Donors: Synthesis, Structures, Thermal Properties, and Biological Activity. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2020 , 46, 411-419	1.6	10
244	Synthesis and characterization of an Fe(i) cage complex with high stability towards strong H-acids. <i>Chemical Communications</i> , 2018 , 54, 3436-3439	5.8	10
243	5,6- and 6,6-Membered Palladium(II) Pincer Complexes Based on Functionalized Carboxamides with Ancillary Sulfur and Nitrogen Donors. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5271-5280	2.3	10
242	Exploiting Coupling of Boronic Acids with Triols for a pH-Dependent "Click-Declick" Chemistry. <i>Journal of Organic Chemistry</i> , 2018 , 83, 9756-9773	4.2	10
241	Synthesis of Isoxazolines from Nitroalkanes via a [4+1]-Annulation Strategy. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 5322-5327	5.6	10
240	Urotropine isomer (1,4,6,10-tetraazaadamantane): synthesis, structure, and chemistry. <i>Journal of Organic Chemistry</i> , 2014 , 79, 6079-86	4.2	10
239	Synthesis of New Substituted Thioglycolurils via a Tandem Hydrazone Formation- Ring Contraction Reaction. <i>Journal of Heterocyclic Chemistry</i> , 2015 , 52, 1390-1394	1.9	10
238	Synthesis of the half-sandwich ruthenium complexes [Cp* ₂ RuL ₃] ⁺ via naphthalene replacement in [Cp* ₂ Ru(C ₁₀ H ₈)] ⁺ . <i>Mendeleev Communications</i> , 2015 , 25, 29-31	1.9	10
237	Diastereoselective synthesis of 4,5-dihydroxyimidazolidin-2-ones (-thiones) and their structure. <i>Russian Chemical Bulletin</i> , 2012 , 61, 64-73	1.7	10

236	Probing stereoelectronic interactions in an O-N-O unit by the atomic energies: experimental and theoretical electron density study. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 3084-92	2.8	10
235	Why oxonium cation in the crystal phase is a bad acceptor of hydrogen bonds: a charge density analysis of potassium oxonium bis(hydrogensulfate). <i>Journal of Physical Chemistry A</i> , 2009 , 113, 5151-6	2.8	10
234	New Rearrangement of Conjugated Cyclic Ene Nitroso O-Trimethylsilyl Acetals: Convenient Synthesis of Dihydro-2H-pyran-3-one and Dihydrofuran-3-one Oximes. <i>Synthesis</i> , 2011 , 2011, 2415-2422	2.9	10
233	Peculiarities of metal-ligand bonding in europium trinitrate complexes: a viewpoint of comparative charge density analysis in crystals. <i>Russian Chemical Bulletin</i> , 2016 , 65, 1178-1188	1.7	10
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228	Asymmetric synthesis of 3-prenyl-substituted pyrrolidin-2-ones. <i>Mendeleev Communications</i> , 2016 , 26, 471-473	1.9	9
227	Regioselective Synthesis of 1,5-Diaryl-2-(Hydroxyalkyl)-8-Methylglycolurils. <i>Chemistry of Heterocyclic Compounds</i> , 2014 , 50, 503-513	1.4	9
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225	Synthesis of B,O,N-Doped Adamantanes and Diamantanes by Condensation of Oximes with Boronic Acids. <i>Journal of Organic Chemistry</i> , 2015 , 80, 6728-36	4.2	9
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98	Unexpected antifungal activity of half-sandwich complexes with metal-bdine bonds. <i>Journal of Organometallic Chemistry</i> , 2020 , 916, 121272	2.3	3
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89	General regioselective synthesis and crystal structure of racemic 5-substituted 2,2-dimethyl-3-hydroxyimidazolidin-4-ones. <i>Mendeleev Communications</i> , 2010 , 20, 106-108	1.9	3
88	Synthesis of 2-iminothiophen-3(2H)-ones from 3H-1,2-dithiol-3-ones. <i>Mendeleev Communications</i> , 2010 , 20, 282-284	1.9	3
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80	Synthesis of 6,7-Dihydropyrrolo[2,1-c][1,3]thiazino[3,2-a]pyrazine-4(11bH)-(thi)ones from 1,2-Dithiolo-3-(thi)ones. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 4149-4158	3.2	2
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