

# Konstantin Lysenko

## List of Publications by Citations

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796  
papers

11,517  
citations

46  
h-index

70  
g-index

919  
ext. papers

12,586  
ext. citations

2.6  
avg, IF

6.36  
L-index

#	Paper	IF	Citations
796	Density functional theory is straying from the path toward the exact functional. <i>Science</i> , <b>2017</b> , 355, 49-52	33.3	548
795	Highly luminescent and triboluminescent coordination polymers assembled from lanthanide diketonates and aromatic bidentate O-donor ligands. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 9300-11	5.1	153
794	Role of inner- and outer-sphere bonding in the sensitization of Eu(III)-luminescence deciphered by combined analysis of experimental electron density distribution function and photophysical data. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 11095-107	5.1	136
793	C(60)F(18), a Flattened Fullerene: Alias a Hexa-Substituted Benzene This work was supported by the Royal Society, INTAS, the Russian Foundation for Fundamental Research (grant no. 99-03-32810), and the Russian Programme, "Fullerenes and Atomic Clusters". <i>Angewandte Chemie - International Edition</i> , <b>2000</b> , 39, 3273-3276	16.4	130
792	Molecular Crystal Structure of Acetylacetone at 210 and 110 K: Is the Crystal Disorder Static or Dynamic?. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 8654-8660	3.4	104
791	Atomic energy in the 'Atoms in Molecules' theory and its use for solving chemical problems. <i>Russian Chemical Reviews</i> , <b>2009</b> , 78, 283-302	6.8	100
790	Implementation of ionic liquids as activating media for polycondensation processes. <i>Polymer</i> , <b>2004</b> , 45, 5031-5045	3.9	99
789	Agostic Bonding in Pincer Complexes of Ruthenium. <i>Organometallics</i> , <b>2000</b> , 19, 1734-1739	3.8	99
788	Reversible addition of alkynes to gallium complex of chelating diamide ligand. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 7874-5	16.4	96
787	Analysis of supramolecular architectures: beyond molecular packing diagrams. <i>Mendeleev Communications</i> , <b>2012</b> , 22, 1-7	1.9	95
786	Synthesis of Tetrazino-tetrazine 1,3,6,8-Tetraoxide (TTTO). <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11472-5	16.4	93
785	Synthesis of alpha-amino acids via asymmetric phase transfer-catalyzed alkylation of achiral nickel(II) complexes of glycine-derived Schiff bases. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 12860-71	16.4	91
784	Intermolecular interactions as actors in energy-transfer processes in lanthanide complexes with 2,2'-bipyridine. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 9265-77	3.4	89
783	The influence of ionic liquid's nature on free radical polymerization of vinyl monomers and ionic conductivity of the obtained polymeric materials. <i>Polymers for Advanced Technologies</i> , <b>2007</b> , 18, 50-63	3.2	88
782	Estimation of the barrier to rotation of benzene in the (eta 6-C6H6)2Cr crystal via topological analysis of the electron density distribution function. <i>Journal of Physical Chemistry A</i> , <b>2006</b> , 110, 6545-51	2.8	83
781	Deciphering three beneficial effects of 2,2'-bipyridine-N,N'-dioxide on the luminescence sensitization of lanthanide(III) hexafluoroacetylacetonate ternary complexes. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 5137-44	5.1	82
780	Estimation of dissociation energy in donor-acceptor complex AuCl x PPh3 via topological analysis of the experimental electron density distribution function. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 11519-22	2.8	80

779	"Higher density does not mean higher stability" mystery of paracetamol finally unraveled. <i>Chemical Communications</i> , <b>2010</b> , 46, 3469-71	5.8	76
778	Experimental and theoretical study of the transannular intramolecular interaction and cage effect in the atrane framework of boratrane and 1-methylsilatrane. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 5043-51	5.1	76
777	Novel class of functionalized ionic liquids with grafted CMPO-moieties for actinides and rare-earth elements recovery. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4170-8	4.3	74
776	IR and X-ray study of polymorphism in 1-alkyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imides. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 9538-46	3.4	73
775	Electron density distribution in stacked benzene dimers: a new approach towards the estimation of stacking interaction energies. <i>Journal of Chemical Physics</i> , <b>2005</b> , 122, 144104	3.9	72
774	Unexpected "amphoteric" character of the halogen bond: the charge density study of the co-crystal of N-methylpyrazine iodide with I <sub>2</sub> . <i>Chemical Communications</i> , <b>2010</b> , 46, 5325-7	5.8	70
773	Cyclopalladated Complexes of 3-Thiophosphorylbenzoic Acid Thioamides: Hybrid Pincer Ligands of a New Type. Synthesis, Catalytic Activity, and Photophysical Properties. <i>Organometallics</i> , <b>2008</b> , 27, 4062-4070	3.8	68
772	Tris-Dioximate Cobalt(I,II,III) Clathrochelates: Stabilization of Different Oxidation and Spin States of an Encapsulated Metal Ion by Ribbed Functionalization. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 5401-5415	2.3	66
771	Palladium(II) Complexes with 1,1-Bis(diphenylphosphino)ferrocenes [Fe(η-C <sub>5</sub> R <sub>4</sub> PPh <sub>2</sub> ) <sub>2</sub> ] <sup>n+</sup> (dppf, R = H, n = 0; dppomf, R = Me, n = 0; dppomf <sup>+</sup> , R = Me, n = 1). Synthesis, Characterization, and Catalytic Activity in Ethene Methoxycarbonylation. <i>Organometallics</i> , <b>2002</b> , 21, 3637-3649	3.8	65
770	The transannular interaction in [2.2]paracyclophane: repulsive or attractive?. <i>ChemPhysChem</i> , <b>2003</b> , 4, 817-23	3.2	61
769	Synthesis and properties of stereoregular cyclic polysilanols: cis-[PhSi(O)OH](4), cis-[PhSi(O)OH](6), and tris-cis-tris-trans-[PhSi(O)OH](12). <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 6892-904	5.1	61
768	Carboranes: chemical concepts derived from the AIM study of the experimental and theoretical electron density distribution functions. <i>Faraday Discussions</i> , <b>2007</b> , 135, 203-15; discussion 237-59, 503-6	3.6	58
767	Conductive Polymer Electrolytes Derived from Poly(norbornene)s with Pendant Ionic Imidazolium Moieties. <i>Macromolecular Chemistry and Physics</i> , <b>2008</b> , 209, 40-51	2.6	56
766	Anion-Anion interactions: their nature, energy and role in crystal formation. <i>Russian Chemical Reviews</i> , <b>2010</b> , 79, 167-187	6.8	55
765	Reduction of digallane [(dpp-bian)Ga-Ga(dpp-bian)] with Group 1 and 2 metals. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 7563-71	4.8	55
764	Regioselective Fries Rearrangement and Friedel-Crafts Acylation as Efficient Routes to Novel Enantiomerically Enriched ortho-Acylhydroxy[2.2]paracyclophanes. <i>European Journal of Organic Chemistry</i> , <b>2000</b> , 2000, 3295-3303	3.2	55
763	Symmetrically tetrasubstituted [2.2]paracyclophanes: their systematization and regioselective synthesis of several types of bis-bifunctional derivatives by double electrophilic substitution. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 4600-17	4.8	54
762	Cyclopalladation of meta-(Diphenylthiophosphoryloxy)benzaldimines: NCS and Unexpected NCO 5,6-Membered Pincer Palladium Complexes. <i>Organometallics</i> , <b>2010</b> , 29, 2054-2062	3.8	53

761	Hybrid Thiophosphoryl-Benzothiazole Palladium SCN-Pincer Complexes: Synthesis and Effect of Structure Modifications on Catalytic Performance in the Suzuki Cross-Coupling. <i>Organometallics</i> , <b>2011</b> , 30, 2920-2932	3.8	52
760	(Tetramethylcyclobutadiene)cobalt complexes with monoanionic carborane ligands [9-L-7,8-C2B9H10][L = SMe <sub>2</sub> , NMe <sub>3</sub> and py). <i>Journal of Organometallic Chemistry</i> , <b>2005</b> , 690, 4745-4754	2.3	52
759	Interrupted Baeyer-Villiger Rearrangement: Building A Stereoelectronic Trap for the Criegee Intermediate. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 3372-3376	16.4	51
758	Synthesis, catalytic activity, and photophysical properties of 5,6-membered Pd and Pt SCS'-pincer complexes based on thiophosphorylated 3-amino(hydroxy)benzoic acid thioanilides. <i>Dalton Transactions</i> , <b>2011</b> , 40, 1535-46	4.3	51
757	C-C Bond Variation in the 1-Phenyl-o-carborane: Steric versus Electronic Effects. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 1379-1384	2.3	51
756	Two modifications formed by "sulflower" C16S8 molecules, their study by XRD and optical spectroscopy (Raman, IR, UV-Vis) methods. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 10949-61	2.8	48
755	Extremely short C-H...F contacts in the 1-methyl-3-propyl-imidazolium SiF <sub>6</sub> the reason for ionic liquid's unexpected high melting point. <i>CrystEngComm</i> , <b>2005</b> , 7, 53-56	3.3	48
754	The nature and energy characteristics of intramolecular hydrogen bonds in crystals. <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 1-15	1.7	48
753	Palladium Complexes with Metallocene-Bridged Bidentate Diphosphine Ligands: Synthesis, Structure, and Catalytic Activity in Amination and Cross-Coupling Reactions. <i>Organometallics</i> , <b>2006</b> , 25, 2750-2760	3.8	47
752	Alkali-Metal-Directed Hydrolytic Condensation of Trifunctional Phenylalkoxysilanes. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 1253-1261	2.3	46
751	Synthesis, Characterization, and Reactivity of 1,1-Bis(diphenylphosphino)osmocene: Palladium(II) Complexes and Their Use as Catalysts in the Methoxycarbonylation of Olefins. <i>Organometallics</i> , <b>2003</b> , 22, 913-915	3.8	46
750	A novel bis(N,N'-dimethyl-1,4,7-triazacyclononane)calyx[4]arene ligand that forms a ferromagnetic dinuclear nickel(II) complex with three end-on azide bridging ligands. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 929-930		46
749	Influence of fluorinated chain length on luminescent properties of Eu <sup>3+</sup> β-diketonate complexes. <i>Journal of Luminescence</i> , <b>2018</b> , 196, 161-168	3.8	44
748	Water clusters in crystal: Beyond the "hydrogen-bonding graphs". <i>ChemPhysChem</i> , <b>2006</b> , 7, 2453-5	3.2	43
747	Nature of the PO bond in diphenylphosphonic acid: experimental charge density and electron localization function analysis. <i>Mendeleev Communications</i> , <b>2002</b> , 12, 128-130	1.9	43
746	One-pot synthesis of aromatic poly(1,3,4-oxadiazole)s in novel solvents ionic liquids. <i>Journal of Polymer Science Part A</i> , <b>2006</b> , 44, 380-394	2.5	42
745	The role of intermolecular H...H and C...H interactions in the ordering of [2.2]paracyclophane at 100 K: estimation of the sublimation energy from the experimental electron density function. <i>Mendeleev Communications</i> , <b>2005</b> , 15, 90-92	1.9	42
744	Crystal Growth, Dynamic and Charge Transfer Properties of New Coronene Charge Transfer Complexes. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 331-338	3.5	41

743	Are halide...halide contacts a feature of rock-salts only?. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 1091-58	40
742	Intramolecular cyclization of haloalkylsubstituted thiophosphorylacetonitriles: Synthesis and stereochemistry of 3-cyano-2-oxo-1,2-thiaphosphyclanes. <i>Heteroatom Chemistry</i> , <b>2002</b> , 13, 1-21	1.2 40
741	Synthesis and structure of rhodium complexes with monoanionic carborane ligand [9-SMe2-7,8-C2B9H10]. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 657, 115-122	2.3 40
740	Spin-Crossover Anticooperativity Induced by Weak Intermolecular Interactions. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 496-500	6.4 39
739	Synthesis, Structure, Thermal Stability, and Magnetic and Luminescence Properties of Dinuclear Lanthanide(III) Pivalates with Chelating N-Donor Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 3595-3610	2.3 39
738	Synthesis, molecular and electronic structures of six-coordinate transition metal (Mn, Fe, Co, Ni, Cu, and Zn) complexes with redox-active 9-hydroxyphenoxazin-1-one ligands. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 7022-32	5.1 39
737	Crucial role of Ru?H interactions in the crystal packing of ruthenocene and its derivatives. <i>CrystEngComm</i> , <b>2008</b> , 10, 827	3.3 39
736	Response to Comment on "Density functional theory is straying from the path toward the exact functional". <i>Science</i> , <b>2017</b> , 356, 496	33.3 38
735	Stereoelectronic effects in N-C-S and N-N-C systems: experimental and ab initio AIM study. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 5017-23	2.8 38
734	Electron density distribution in vanadocene (C5H5)2V and mixed metallocenes (C5H5)M(C5H5) (M = Ti, V, or Cr) and (C5H5)Ti(C8H8). Effect of the nature of the cyclic ligand on the character of the M-(ligand) bond. <i>Russian Chemical Bulletin</i> , <b>2001</b> , 50, 130-141	1.7 38
733	Simple synthesis of ruthenium pi complexes of aromatic amino acids and small peptides. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 8466-70	4.8 37
732	NO3-NO3- and NO3- interactions in the crystal of urea nitrate. <i>CrystEngComm</i> , <b>2007</b> , 9, 991	3.3 37
731	Potassium and silver chiral cobaltate(III) complexes as precatalysts for asymmetric C-C bond formation. <i>Tetrahedron: Asymmetry</i> , <b>2008</b> , 19, 822-831	37
730	Tetranuclear Lanthanide Complexes Containing a Hydrazone-type Ligand. Dysprosium [2 D] Gridlike Single-Molecule Magnet and Toric. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 12470-12476	5.1 36
729	4,4'-Bis(nitramino)azofurazan and its salts. Study of molecular and crystal structure based on X-ray and quantum chemical data. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 2129-2136	1.7 36
728	A new approach to the synthesis of cage-like metallasiloxanes. <i>Journal of Organometallic Chemistry</i> , <b>1998</b> , 571, 31-36	2.3 36
727	Chromium tricarbonyl complexes with biphenylene as ligand: synthesis, structure, dynamic behaviour in solid state and thermal ligand-haptotropic rearrangements. Experimental (NMR) and theoretical (DFT) studies. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 656, 27-42	2.3 36
726	Lamellar Racemic Twinning as an Obstacle for the Resolution of Enantiomers by Crystallization: The Case of Me(Al)N+(CH2Ph)Ph X- (X = Br, I) Salts. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 13523-13534	3.4 36

725	Nature of weak inter- and intramolecular contacts in crystals 2. Character of electron delocalization and the nature of XH...HX (X = C, B) contacts in the crystal of 1-phenyl-o-carborane. <i>Russian Chemical Bulletin</i> , <b>2005</b> , 54, 547-559	1.7	36
724	Crystal properties of N-alkyl-substituted glycolurils as the precursors of chiral drugs. <i>Mendeleev Communications</i> , <b>2001</b> , 11, 134-136	1.9	36
723	Role of Weak Intermolecular Interactions in the Crystal Structure of Tetrakis-furazano[3,4-c:3',4'-g:3'',4''-k:3''',4'''-o][1,2,5,6,9,10,13,14]octaazacyclohexadecine and Its Solvates. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 4439-4449	3.5	35
722	Di- and Triphenylacetates of Lanthanum and Neodymium. Synthesis, Structural Diversity, and Application in Diene Polymerization. <i>Organometallics</i> , <b>2013</b> , 32, 1272-1286	3.8	35
721	Physico-chemical study of first row transition metal ions coordination compounds with N,N'-bis(2-tosylaminobenzylidene)-1,3-diaminopropanol. The crystal structure of bis-azomethine and its cobalt(II) complex. <i>Inorganica Chimica Acta</i> , <b>2009</b> , 362, 1673-1680	2.7	34
720	Topological Analysis of the Electron Density Distribution in the Crystal of 8,9,10,12-Tetrafluoro-o-carborane on the Basis of the High-Resolution X-ray Diffraction Data at 120 K. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 5834-5843	5.1	34
719	Arene Exchange in the Ruthenium Naphthalene Complex [CpRu(C <sub>10</sub> H <sub>8</sub> )] <sup>+</sup> . <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 1485-1492	2.3	33
718	Adducts of cobalt(ii) bis(salicylaldimines) and redox-active phenoxazin-1-one: synthesis, structure, and magnetic properties. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 1744-1751	1.7	33
717	5,6-Membered palladium pincer complexes of 1-thiophosphoryloxy-3-thiophosphorylbenzenes. Synthesis, X-ray structure, and catalytic activity. <i>Dalton Transactions</i> , <b>2009</b> , 8657-66	4.3	33
716	Copper(II) dimers with ferromagnetic intra- and intermolecular exchange interactions. <i>Mendeleev Communications</i> , <b>2005</b> , 15, 133-135	1.9	33
715	Toward a Rigorous Definition of a Strength of Any Interaction Between Bader's Atomic Basins. <i>Journal of Physical Chemistry A</i> , <b>2017</b> , 121, 4517-4522	2.8	32
714	Bis-ortho-substitution by methyl groups dramatically increases the racemization barrier of Tröger bases. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 6412-8	4.8	32
713	Direct synthesis of fused 1,2,3,4,5-pentathiepins. <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 3496-501	3.9	32
712	Synthesis and Isolation of Di-n-butylhafnocene and Its Application as a Versatile Starting Material for the Synthesis of New Hafnacycles. <i>Organometallics</i> , <b>2009</b> , 28, 2864-2870	3.8	31
711	Direct electrophilic insertion into a twelve-vertex metallocarborane. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 4112-4	16.4	31
710	Synthesis and X-ray Crystal Structure Determination of New Zwitterionic Complexes of Titanocene. <i>Organometallics</i> , <b>2001</b> , 20, 4072-4079	3.8	31
709	First enantiopure imine CN-palladacycle of non-metallocenic planar chirality with the [2.2]paracyclophane backbone. <i>Tetrahedron: Asymmetry</i> , <b>2009</b> , 20, 1661-1671		30
708	The role of a Lewis acid in the Nenitzescu indole synthesis. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 7106-7109	2	30

- 707 Ferra- and Ruthenatricarbollides CpFeC<sub>3</sub>B<sub>8</sub>H<sub>11</sub> and Cp\*RuC<sub>3</sub>B<sub>8</sub>H<sub>11</sub>. *Organometallics*, **2005**, 24, 4387-4398 30
- 706 POCN Ni(II) pincer complexes: synthesis, characterization and evaluation of catalytic hydrosilylation and hydroboration activities. *Dalton Transactions*, **2019**, 48, 1732-1746 4.3 29
- 705 The Conducting Spin-Crossover Compound Combining Fe(II) Cation Complex with TCNQ in a Fractional Reduction State. *Inorganic Chemistry*, **2016**, 55, 9121-30 5.1 29
- 704 Pseudosymmetry in trinitroimidazole: the cost of error in space-group determination. *Angewandte Chemie - International Edition*, **2011**, 50, 2892-4 16.4 29
- 703 Synthesis and rearrangements of aminosubstituted ferra- and ruthenatricarbaboranes. *Inorganic Chemistry*, **2005**, 44, 1655-9 5.1 29
- 702 Synthesis of new chiral mono-, di-, tri-, and tetraalkylglycolurils. *Russian Chemical Bulletin*, **2005**, 54, 691-704 7.4 29
- 701 Lanthanide Complexes with Tetradentate N,N',O,O'-Dipyridyl-Based Ligands: Structure, Stability, and Photophysical Properties. *European Journal of Inorganic Chemistry*, **2014**, 2014, 2219-2229 2.3 28
- 700 Synthesis and characterization of nonsymmetric cyclopentene-based dithienylethenes. *Journal of Organic Chemistry*, **2012**, 77, 332-40 4.2 28
- 699 Pseudosymmetry as viewed using charge density analysis. *CrystEngComm*, **2010**, 12, 77-81 3.3 28
- 698 Hydrogen bonds between zwitterions: intermediate between classical and charge-assisted ones. A case study. *Journal of Physical Chemistry A*, **2009**, 113, 3615-20 2.8 28
- 697 Configurationally stable methylates of methano- and ethano-Tröger bases. *Tetrahedron: Asymmetry*, **2006**, 17, 2191-2194 28
- 696 Crystal structure of 1,3-dialkyldiazolium bromides. *Russian Chemical Bulletin*, **2006**, 55, 1989-1999 1.7 28
- 695 Pathways of directed synthesis of iron(II) clathrochelates and polyclathrochelates with non-equivalent capping groups starting from antimony- and germanium-containing precursors. *Inorganica Chimica Acta*, **2004**, 357, 3187-3204 2.7 28
- 694 Self-assembly of cage structures. Paper 12: The synthesis and crystal structures of 2,5-diazabicyclo[2.2.2]octane-3,6-dione-1,4-dicarboxylic acids and their diesters. *Tetrahedron*, **2002**, 58, 8525-8537 2.4 28
- 693 Chiral drugs via the spontaneous resolution. *Mendeleev Communications*, **2002**, 12, 6-8 1.9 28
- 692 Unprecedented conversion of triethylamine and disulfur dichloride into a thienopentathiepin and a heptathiocane. *Organic Letters*, **2003**, 5, 1939-42 6.2 28
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- 690 Chiral glycouril, 2,6-diethyl-2,4,6,8-tetraazabicyclo[3.3.0]octane-3,7-dione: spontaneous resolution, reactivity and absolute configuration. *Mendeleev Communications*, **1998**, 8, 231-233 1.9 27

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688	Structure and stereodynamics of N,N-bis(silyloxy)enamines. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 11358-67	16.4	27
687	Cucurbit[7]uril complexes of crown-ether derived styryl and (bis)styryl dyes. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 10149-58	3.4	26
686	Mutual influence of cyclopentadienyl and carbonyl ligands in cymantrene: QTAIM study. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 10845-51	2.8	26
685	Cyclotetrasiloxanetetrols with methyl groups at silicon: isomers all-cis- and cis-trans-cis-[MeSi(O)OH](4). <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 572-7	5.1	26
684	Novel platinum(II) ammine hydroxamate and hydroximate complexes and the platinum-assisted hydrolysis of hydroxamic acids. <i>Dalton Transactions</i> , <b>2005</b> , 956-61	4.3	26
683	New chiral phosphite ligands bearing sp <sup>2</sup> -nitrogen: complexation properties and palladium(II)-catalysed enantioselective allylic alkylation. <i>Tetrahedron: Asymmetry</i> , <b>2001</b> , 12, 2197-2204		26
682	(Fluorenyl)titanium Triisopropoxide and Bis(fluorenyl)titanium Diisopropoxide: A Facile Synthesis, Molecular Structure, and Catalytic Activity in Styrene Polymerization. <i>Organometallics</i> , <b>2002</b> , 21, 3094-3099	3.8	26
681	Interplay between test sets and statistical procedures in ranking DFT methods: The case of electron density studies. <i>Mendeleev Communications</i> , <b>2018</b> , 28, 225-235	1.9	26
680	Polyphenylcyclopentadienyl Ligands as an Effective Light-Harvesting $\pi$ -Bonded Antenna for Lanthanide +3 Ions. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 10199-10213	5.1	25
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211	Luminescent complexes of Eu <sup>3+</sup> , Tb <sup>3+</sup> and Gd <sup>3+</sup> nitrates with polytopic ligand 2,4,6-tris(1H-pyrazol-1-yl)-1,3,5-triazine. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 510, 119764	2.7	4
210	Ten-Coordinate Lanthanide [Ln(HL)(L)] Complexes (Ln = Dy, Ho, Er, Tb) with Pentadentate N <sub>3</sub> O <sub>2</sub> -Type Schiff-Base Ligands: Synthesis, Structure and Magnetism. <i>Magnetochemistry</i> , <b>2020</b> , 6, 60	3.1	4
209	Transfer hydrogenation of aldehydes and ketones catalyzed using an aminophosphinite POCN pincer complex of Ni(ii). <i>Dalton Transactions</i> , <b>2020</b> , 49, 11950-11957	4.3	4
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93	Diimidazo[4,5-b:4',5'-e]pyridine: synthesis and nucleophilic aromatic substitution reaction. <i>Mendeleev Communications</i> , <b>2019</b> , 29, 181-183	1.9	1
92	(2-carbamoyl)ethylbis(pentafluorophenyl)phosphine oxides: Synthesis and structure. <i>Russian Journal of General Chemistry</i> , <b>2015</b> , 85, 2112-2119	0.7	1
91	Synthesis, structure, spectroscopic studies and magnetic properties of Cu <sub>2</sub> N <sub>2</sub> O <sub>4</sub> ·, Cu <sub>2</sub> N <sub>2</sub> O <sub>2</sub> (S <sub>2</sub> )·, Cu <sub>2</sub> N <sub>2</sub> S <sub>4</sub> -chromophores based on aminomethylene derivatives of pyrazole-5-one(thione). <i>Polyhedron</i> , <b>2020</b> , 188, 114623	2.7	1
90	Heteroleptic Lanthanide Complexes Coordinated by Tripodal Tetradentate Ligand: Synthesis, Structure, and Magnetic and Photoluminescent Properties. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 5184-5192	2.5	1
89	Syntheses of terpyridine-pyridylbenzothiazole linked ditopic ligands and their copper(II) complexes. <i>Polyhedron</i> , <b>2020</b> , 179, 114403	2.7	1
88	Electron density analysis in (tetramethylcyclobutadiene)cobalt complex with charge-compensated dicarbollide [9-SMe <sub>2</sub> -7,8-C <sub>2</sub> B <sub>9</sub> H <sub>10</sub> ] ligand. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 867, 284-289	2.3	1
87	High-spin adducts of redox active 2,4,6,8-tetrakis(tert-butyl)phenoxazin-1-one with tetrahedral cobalt(II) complexes. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2016</b> , 42, 509-515	1.6	1
86	Efficient red organic light-emitting diode based on simple Pt(II) O <sub>2</sub> N <sup>-</sup> complex. <i>Dyes and Pigments</i> , <b>2016</b> , 135, 80-85	4.6	1
85	Synthesis of novel N,O-macrocyclic ligands, functionalized by phosphine oxide groups. <i>Chemistry of Heterocyclic Compounds</i> , <b>2019</b> , 55, 875-881	1.4	1
84	17-Crown-5 ether condensed with 11-vertex nido-carborane. <i>Russian Chemical Bulletin</i> , <b>2014</b> , 63, 2351-2354	1.5	1
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82	Stereoelectronic interactions in the fragment N-C-CN from high-resolution X-ray diffraction data and quantum chemical computations. <i>Russian Chemical Bulletin</i> , <b>2013</b> , 62, 1720-1725	1.7	1
81	Selective reduction of 6-substituted 1,5-dinitro-3-azabicyclo[3.3.1]non-6-enes. <i>Russian Journal of Organic Chemistry</i> , <b>2011</b> , 47, 877-880	0.7	1
80	Crystal structure of the rhombohedral phase of Fe <sub>3</sub> B <sub>7</sub> O <sub>13</sub> Br. <i>Crystallography Reports</i> , <b>2011</b> , 56, 1004-1006	1.6	1
79	Structural disorder in the paraelectric phase of the Fe <sub>3</sub> B <sub>7</sub> O <sub>13</sub> Br boracite. <i>Physics of the Solid State</i> , <b>2011</b> , 53, 730-735	0.8	1
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77	Stacking interaction in crystals of a dinuclear rhodium complex with a bridging phenylborole ligand. <i>Russian Chemical Bulletin</i> , <b>2009</b> , 58, 1094-1096	1.7	1
76	Interactions between oppositely-charged vs. those between like-charged species in crystal of aminoacetonitrile picrate: a charge density investigation. <i>Zeitschrift für Kristallographie</i> , <b>2012</b> , 227, 151-157		1
75	Mixed-ligand complexes of alkaline-earth metal trifluoroacetates with monoethanolamine. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2010</b> , 36, 804-809	1.6	1
74	Reactions of 1-nitrocyclohexene with N,N-binucleophiles. <i>Russian Journal of General Chemistry</i> , <b>2010</b> , 80, 2298-2305	0.7	1
73	peri-hydroxy acenaphthoyl compounds. <i>Russian Journal of Organic Chemistry</i> , <b>2010</b> , 46, 336-343	0.7	1
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71	Synthesis and structural features of tetranuclear rhodium complexes of amidophosphito- and phosphitocavitands. <i>Russian Chemical Bulletin</i> , <b>1998</b> , 47, 1805-1811	1.7	1
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68	Reactions of 2-alkoxy-3-alkyl-1,3,2-oxazaphosphanes with alkyl chloroformates. <i>Russian Chemical Bulletin</i> , <b>2008</b> , 57, 197-203	1.7	1
67	Conformer stabilization of N-(5,7-dinitro-8-quinolinyl)-N-(4-nitrophenyl)amine. <i>Mendeleev Communications</i> , <b>2008</b> , 18, 200-202	1.9	1
66	Effect of ortho-methyl groups in the benzene rings of the macrocyclic frame on the chemistry of phosphacavitands. <i>Russian Journal of General Chemistry</i> , <b>2008</b> , 78, 175-184	0.7	1
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63	Protolytic B-C <sub>6</sub> F <sub>5</sub> bond cleavage in zwitterionic titanocene monochloride Cp[ $\eta$ -5-C <sub>5</sub> H <sub>4</sub> B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ]TiCl with water to form titanocene chloride hydroxide complex Cp[ $\eta$ -5-C <sub>5</sub> H <sub>4</sub> B(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> ]TiCl(E <sub>2</sub> O). <i>Russian Chemical Bulletin</i> , <b>2006</b> , 55, 174-176	1.7	1
62	Resolution and racemization of nonbenzenoid atropenantiomers. <i>Mendeleev Communications</i> , <b>2004</b> , 14, 310-312	1.9	1
61	Synthesis of 3-alkyl-1,4-dihydrocyclopenta[b]indoles: unexpected formation of dimeric compounds. <i>Russian Chemical Bulletin</i> , <b>2004</b> , 53, 897-900	1.7	1
60	Products of Complexation Reactions of $\beta$ -Aminovinylimines. <i>Doklady Chemistry</i> , <b>2002</b> , 383, 57-62	0.8	1

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51	Synthesis and molecular structures of heterometallic complexes [RC <sub>5</sub> H <sub>4</sub> Fe(CO) <sub>2</sub> ] <sub>2</sub> Sn(TePh) <sub>2</sub> and their adducts with chromium and tungsten carbonyls or with trimethylplatinum iodide. <i>Russian Chemical Bulletin</i> , <b>1999</b> , 48, 1744-1750	1.7	1
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47	[Bis(2,6-diiso-propyl-phen-yl) phosphato- $\mu$ pentakis-(methanol- $\mu$ manganese bis(2,6-diiso-propyl-phen-yl) phosphate methanol tris-olvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2018</b> , 74, 1433-1438	0.7	1
46	Crystal structure of bis-( $\mu$ meth-anolato- $\mu$ hexa-methyl-bis-( $\mu$ tri-phenyl-acetato- $\mu$ )-bis-( $\mu$ tri-phenyl-acetato- $\mu$ ); $\mu$ -dialuminiumdi-lanthanum toluene tetra-solvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 1700-1704	0.7	1
45	Bis[ $\mu$ bis-(2,6-diiso-propyl-phen-yl) phosphato- $\mu$ ]bis-[(2,2'-bi-pyridine- $\mu$ )lithium] toluene disolvate and its catalytic activity in ring-opening polymerization of $\gamma$ -caprolactone and L-dilactide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 848-853	0.7	1
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43	A $\mu$ Carbazoyl Dy(III) Half-Sandwich Complex Showing Single-Molecule-Magnet Behavior. <i>Organometallics</i> , <b>2020</b> , 39, 2785-2790	3.8	1
42	Synthesis of 2-((2-(Benzo[d]oxazol-2-yl)-2-imidazol-4-yl)amino)-phenols From 2-((5-1,2,3-Dithiazol-5-ylidene)amino)phenols through Unprecedented Formation of Imidazole Ring from Two Methanimino Groups. <i>Molecules</i> , <b>2020</b> , 25,	4.8	1

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35	Phosphorylation of 3-hydroxy- and 5,7-dihydroxyflavones with hexaethylphosphorous triamide. <i>Russian Chemical Bulletin</i> , <b>2004</b> , 53, 2810-2815	1.7	0
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