

Konstantin Lysenko

List of Publications by Year in descending order

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843
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919
docs citations

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times ranked

10530
citing authors

#	ARTICLE	IF	CITATIONS
1	Density functional theory is straying from the path toward the exact functional. <i>Science</i> , 2017, 355, 49-52.	12.6	711
2	Highly Luminescent and Triboluminescent Coordination Polymers Assembled from Lanthanide β -Diketonates and Aromatic Bidentate σ -Donor Ligands. <i>Inorganic Chemistry</i> , 2010, 49, 9300-9311.	4.0	171
3	C60F18, a Flattened Fullerene: Alias a Hexa-Substituted Benzene. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3273-3276.	13.8	162
4	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> , 2008, 47, 11095-11107.	4.0	159
5	Synthesis of Tetrazino β -tetrazine 1,3,6,8-tetraoxide (TTTO). <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11472-11475.	13.8	124
6	Atomic energy in the 'Atoms in Molecules' theory and its use for solving chemical problems. <i>Russian Chemical Reviews</i> , 2009, 78, 283-302.	6.5	121
7	Molecular Crystal Structure of Acetylacetone at 210 and 110 K: Is the Crystal Disorder Static or Dynamic?. <i>Journal of Physical Chemistry B</i> , 1998, 102, 8654-8660.	2.6	111
8	Agostic Bonding in Pincer Complexes of Ruthenium. <i>Organometallics</i> , 2000, 19, 1734-1739.	2.3	108
9	Implementation of ionic liquids as activating media for polycondensation processes. <i>Polymer</i> , 2004, 45, 5031-5045.	3.8	105
10	Intermolecular Interactions as Actors in Energy-Transfer Processes in Lanthanide Complexes with 2,2'-Bipyridine. <i>Journal of Physical Chemistry B</i> , 2009, 113, 9265-9277.	2.6	105
11	Reversible Addition of Alkynes to Gallium Complex of Chelating Diamide Ligand. <i>Journal of the American Chemical Society</i> , 2010, 132, 7874-7875.	13.7	104
12	Synthesis of α -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> , 2003, 125, 12860-12871.	13.7	101
13	Analysis of supramolecular architectures: beyond molecular packing diagrams. <i>Mendeleev Communications</i> , 2012, 22, 1-7.	1.6	101
14	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> , 2011, 50, 5137-5144.	4.0	99
15	Estimation of Dissociation Energy in Donor \sim Acceptor Complex $\text{AuCl} \cdot \text{PPh}_3$ via Topological Analysis of the Experimental Electron Density Distribution Function. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11519-11522.	2.5	97
16	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> , 2007, 18, 50-63.	3.2	92
17	Estimation of the Barrier to Rotation of Benzene in the $(\text{C}_6\text{H}_6)_2\text{Cr}$ Crystal via Topological Analysis of the Electron Density Distribution Function. <i>Journal of Physical Chemistry A</i> , 2006, 110, 6545-6551.	2.5	91
18	Higher density does not mean higher stability—mystery of paracetamol finally unraveled. <i>Chemical Communications</i> , 2010, 46, 3469.	4.1	87

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19	Electron density distribution in stacked benzene dimers: A new approach towards the estimation of stacking interaction energies. <i>Journal of Chemical Physics</i> , 2005, 122, 144104.	3.0	85
20	IR and X-ray Study of Polymorphism in 1-Alkyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imides. <i>Journal of Physical Chemistry B</i> , 2009, 113, 9538-9546.	2.6	82
21	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> , 2002, 41, 5043-5051.	4.0	81
22	Novel class of functionalized ionic liquids with grafted CMPO-moieties for actinides and rare-earth elements recovery. <i>Dalton Transactions</i> , 2010, 39, 4170.	3.3	79
23	Tris- Δ -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> , 2010, 2010, 5401-5415.	2.0	75
24	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.	4.1	74
25	Palladium(II) Complexes with 1,1'-Bis(diphenylphosphino)ferrocenes [Fe(η -5-C ₅ R ₄ PPh ₂) ₂] ⁿ⁺ (dppf, R = H, n) Tj ETQq1 1 0.784314 Ethene Methoxycarbonylation. <i>Organometallics</i> , 2002, 21, 3637-3649.	2.3	73
26	Synthesis and Properties of Stereoregular Cyclic Polysilanols: [PhSi(O)OH]_4 , cis-[PhSi(O)OH]_6 , and $\text{Tris-cis-trans-[PhSi(O)OH]}_{12}$. <i>Inorganic Chemistry</i> , 2002, 41, 6892-6904.	4.0	72
27	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> , 2008, 14, 4600-4617.	3.3	70
28	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.	2.3	69
29	Anion-anion interactions: their nature, energy and role in crystal formation. <i>Russian Chemical Reviews</i> , 2010, 79, 167-187.	6.5	65
30	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> , 2000, 2000, 3295-3303.	2.4	64
31	The Transannular Interaction in [2.2]Paracyclophane: Repulsive or Attractive?. <i>ChemPhysChem</i> , 2003, 4, 817-823.	2.1	64
32	Interrupted Baeyer-Villiger Rearrangement: Building A Stereoelectronic Trap for the Criegee Intermediate. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3372-3376.	13.8	64
33	Influence of Alkylated Amino Ligand on Luminescent Properties of Eu^{3+} xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0094.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>Eu</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0095.gif" overflow="scroll"><mml:mi>I ₂ </mml:mi></mml:math>-diketonate complexes. <i>Journal of Luminescence</i> , 2018, 196, 161-168.	3.1	63
34	Conductive Polymer Electrolytes Derived from Poly(norbornene)s with Pendant Ionic Imidazolium Moieties. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 40-51.	2.2	62
35	Carboranes: chemical concepts derived from the AIM study of the experimental and theoretical electron density distribution functions. <i>Faraday Discussions</i> , 2007, 135, 203-215.	3.2	61
36	Reduction of Digallane [(dppâ€bian)Ga] ₂ Ga(dppâ€bian)] with Group 1 and 2 Metals. <i>Chemistry - A European Journal</i> , 2010, 16, 7563-7571.	3.3	59

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37	Spin-Crossover Anticooperativity Induced by Weak Intermolecular Interactions. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 496-500.	4.6	55
38	(Tetramethylcyclobutadiene)cobalt complexes with monoanionic carborane ligands [9-L-7,8-C ₂ B ₉ H ₁₀] ^{âˆ’} (L=SMe ₂ , NMe ₃ and py). <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4745-4754.	1.8	54
39	Hybrid Thiophosphorylâ€“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.	2.3	54
40	A novel bis(N,Nâ€“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> , 1995, , 929-930.	2.0	53
41	Cyclopalladation of meta-(Diphenylthiophosphoryloxy)benzaldimines: NCS and Unexpected NCO 5,6-Membered Pincer Palladium Complexes. <i>Organometallics</i> , 2010, 29, 2054-2062.	2.3	53
42	Câˆ“C Bond Variation in the 1-Phenyl-o-carborane: Steric versus Electronic Effects. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1379-1384.	2.0	52
43	Palladium Complexes with Metallocene-Bridged Bidentate Diphosphine Ligands:âˆ“ Synthesis, Structure, and Catalytic Activity in Amination and Cross-Coupling Reactions. <i>Organometallics</i> , 2006, 25, 2750-2760.	2.3	52
44	Synthesis, Characterization, and Reactivity of 1,1â€“Bis(diphenylphosphino)osmocene:âˆ“ Palladium(II) Complexes and Their Use as Catalysts in the Methoxycarbonylation of Olefins. <i>Organometallics</i> , 2003, 22, 913-915.	2.3	51
45	The nature and energy characteristics of intramolecular hydrogen bonds in crystals. <i>Russian Chemical Bulletin</i> , 2006, 55, 1-15.	1.5	51
46	Two Modifications Formed by â€“Sulflowerâ€“C ₁₆ S ₈ Molecules, Their Study by XRD and Optical Spectroscopy (Raman, IR, UVâˆ“Vis) Methods. <i>Journal of Physical Chemistry A</i> , 2008, 112, 10949-10961.	2.5	51
47	Synthesis, catalytic activity, and photophysical properties of 5,6-membered Pd and Pt SCSâ€“pincer complexes based on thiophosphorylated 3-amino(hydroxy)benzoic acid thioanilides. <i>Dalton Transactions</i> , 2011, 40, 1535.	3.3	51
48	Response to Comment on â€“Density functional theory is straying from the path toward the exact functionalâ€“. <i>Science</i> , 2017, 356, 496-496.	12.6	51
49	Alkali-Metal-Directed Hydrolytic Condensation of Trifunctional Phenylalkoxysilanes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1253-1261.	2.0	49
50	Extremely short Câ€“Hâ€“F contacts in the 1-methyl-3-propyl-imidazolium SiF ₆ â€“the reason for ionic â€“liquidâ€“. <i>CrystEngComm</i> , 2005, 7, 53-56.	2.6	49
51	Toward a Rigorous Definition of a Strength of Any Interaction Between Baderâ€“TM's Atomic Basins. <i>Journal of Physical Chemistry A</i> , 2017, 121, 4517-4522.	2.5	46
52	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> , 1998, 37, 5834-5843.	4.0	45
53	The role of intermolecular Hâˆ“âˆ“H and Câˆ“âˆ“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> , 2005, 15, 90-92.	1.6	45
54	Crystal Growth, Dynamic and Charge Transfer Properties of New Coronene Charge Transfer Complexes. <i>Crystal Growth and Design</i> , 2016, 16, 331-338.	3.0	45

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55	POCN Ni(η^5 -Cp) ₂ pincer complexes: synthesis, characterization and evaluation of catalytic hydrosilylation and hydroboration activities. <i>Dalton Transactions</i> , 2019, 48, 1732-1746.	3.3	45
56	One-pot synthesis of aromatic poly(1,3,4-oxadiazole)s in novel solvents ionic liquids. <i>Journal of Polymer Science Part A</i> , 2006, 44, 380-394.	2.3	44
57	Water Clusters in Crystal: Beyond the Hydrogen-Bonding Graphs. <i>ChemPhysChem</i> , 2006, 7, 2453-2455.	2.1	44
58	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> , 2012, 2012, 3595-3610.	2.0	44
59	Title is missing!. <i>Russian Chemical Bulletin</i> , 2001, 50, 130-141.	1.5	43
60	Nature of the PO bond in diphenylphosphonic acid: experimental charge density and electron localization function analysis. <i>Mendelevov Communications</i> , 2002, 12, 128-130.	1.6	43
61	Are Halide-Halide Contacts a Feature of Rock-Salts Only?. <i>Journal of Physical Chemistry A</i> , 2007, 111, 1091-1095.	2.5	43
62	Tetranuclear Lanthanide Complexes Containing a Hydrazone-type Ligand. Dysprosium [2 Å ⁻²] Gridlike Single-Molecule Magnet and Toric. <i>Inorganic Chemistry</i> , 2016, 55, 12470-12476.	4.0	43
63	A new approach to the synthesis of cage-like metallasiloxanes. <i>Journal of Organometallic Chemistry</i> , 1998, 571, 31-36.	1.8	42
64	Potassium and silver chiral cobaltate(III) complexes as precatalysts for asymmetric C-C bond formation. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 822-831.	1.8	42
65	Intramolecular cyclization of α -haloalkylsubstituted thiophosphorylacetonitriles: Synthesis and stereochemistry of 3-cyano-2-oxo-1,2-thiaphosphacyclanes. <i>Heteroatom Chemistry</i> , 2002, 13, 1-21.	0.7	41
66	Direct synthesis of fused 1,2,3,4,5-pentathiepins. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3496.	2.8	41
67	Stereoelectronic Effects in N ⁺ C ⁻ S and N ⁺ N ⁻ C Systems: Experimental and ab Initio AIM Study. <i>Journal of Physical Chemistry A</i> , 2008, 112, 5017-5023.	2.5	41
68	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> , 2009, 58, 2129-2136.	1.5	41
69	Simple Synthesis of Ruthenium π -Complexes of Aromatic Amino Acids and Small Peptides. <i>Chemistry - A European Journal</i> , 2010, 16, 8466-8470.	3.3	41
70	Synthesis, Molecular and Electronic Structures of Six-Coordinate Transition Metal (Mn, Fe, Co, Ni, Tj) ETQq0 0 0 rgBT /Overlock 10 Tf 50 2011, 50, 7022-7032.	4.0	41
71	Synthesis and structure of rhodium complexes with monoanionic carborane ligand [9-SMe ₂ -7,8-C ₂ B ₉ H ₁₀] ⁻ . <i>Journal of Organometallic Chemistry</i> , 2002, 657, 115-122.	1.8	40
72	Crucial role of Ru-H interactions in the crystal packing of ruthenocene and its derivatives. <i>CrystEngComm</i> , 2008, 10, 827.	2.6	40

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73	Chromium tricarbonyl complexes with biphenylene as η^6 ligand: synthesis, structure, dynamic behaviour in solid state and thermal η^6 , η^6 -haptotropic rearrangements. Experimental (NMR) and theoretical (DFT) studies. <i>Journal of Organometallic Chemistry</i> , 2002, 656, 27-42.	1.8	39
74	NO ₃ ⁻ and NO ₃ ⁻ interactions in the crystal of urea nitrate. <i>CrystEngComm</i> , 2007, 9, 991.	2.6	39
75	Di- and Triphenylacetates of Lanthanum and Neodymium. Synthesis, Structural Diversity, and Application in Diene Polymerization. <i>Organometallics</i> , 2013, 32, 1272-1286.	2.3	39
76	The Conducting Spin-Crossover Compound Combining Fe(II) Cation Complex with TCNQ in a Fractional Reduction State. <i>Inorganic Chemistry</i> , 2016, 55, 9121-9130.	4.0	39
77	Nature of weak inter- and intramolecular contacts in crystals 2. Character of electron delocalization and the nature of X ⁻ H...H ⁺ X (X = C, B) contacts in the crystal of 1-phenyl-o-carborane. <i>Russian Chemical Bulletin</i> , 2005, 54, 547-559.	1.5	38
78	Role of Weak Intermolecular Interactions in the Crystal Structure of Tetrakis-furazano[3,4-c:3 ⁺ ,4 ⁻ :3 ⁺ ,4 ⁻][1,2,5,6,9,10,13,14]octaazacyclohexadecine and Its Solvates. <i>Crystal Growth and Design</i> , 2014, 14, 4439-4449.	3.0	38
79	Crystal properties of N-alkyl-substituted glycolurils as the precursors of chiral drugs. <i>Mendeleev Communications</i> , 2001, 11, 134-136.	1.6	37
80	Lamellar Racemic Twinning as an Obstacle for the Resolution of Enantiomers by Crystallization: The Case of Me(All)N ⁺ (CH ₂ Ph)Ph X ⁻ (X = Br, I) Salts. <i>Journal of Physical Chemistry B</i> , 2003, 107, 13523-13531.	2.6	37
81	Synthesis and Isolation of Di- <i>n</i> -butylhafnocene and Its Application as a Versatile Starting Material for the Synthesis of New Hafnacycles. <i>Organometallics</i> , 2009, 28, 2864-2870.	2.3	37
82	Arene Exchange in the Ruthenium-Naphthalene Complex [CpRu(C ₁₀ H ₈)] ⁺ . <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1485-1492.	2.0	37
83	Polyphenylcyclopentadienyl Ligands as an Effective Light-Harvesting π -Bonded Antenna for Lanthanide +3 Ions. <i>Inorganic Chemistry</i> , 2018, 57, 10199-10213.	4.0	37
84	An unusual mechanism of building up of a high magnetization blocking barrier in an octahedral alkoxide Dy ³⁺ -based single-molecule magnet. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1166-1174.	6.0	37
85	Synthesis and X-ray Crystal Structure Determination of New Zwitterionic Complexes of Titanocene. <i>Organometallics</i> , 2001, 20, 4072-4079.	2.3	36
86	Synthesis of new chiral mono-, di-, tri-, and tetraalkylglycolurils. <i>Russian Chemical Bulletin</i> , 2005, 54, 691-704.	1.5	36
87	Lanthanide Complexes with Tetradentate N ₂ O ₂ -Dipyridyl-Based Ligands: Structure, Stability, and Photophysical Properties. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2219-2229.	2.0	36
88	Interplay between test sets and statistical procedures in ranking DFT methods: The case of electron density studies. <i>Mendeleev Communications</i> , 2018, 28, 225-235.	1.6	36
89	Hard-and-soft phosphinoyl receptors for f-element binding: structure and photophysical properties of europium(ⁱⁱⁱ) complexes. <i>Dalton Transactions</i> , 2017, 46, 2238-2248.	3.3	35
90	New chiral phosphite ligands bearing sp ² -nitrogen: complexation properties and palladium(II)-catalysed enantioselective allylic alkylation. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2197-2204.	1.8	34

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91	Copper(II) dimers with ferromagnetic intra- and intermolecular exchange interactions. <i>Mendeleev Communications</i> , 2005, 15, 133-135.	1.6	34
92	Bis-ortho-Substitution by Methyl Groups Dramatically Increases the Racemization Barrier of Tröger Bases. <i>Chemistry - A European Journal</i> , 2006, 12, 6412-6418.	3.3	34
93	The role of a Lewis acid in the Nenitzescu indole synthesis. <i>Tetrahedron Letters</i> , 2008, 49, 7106-7109.	1.4	34
94	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> , 2009, 362, 1673-1680.	2.4	34
95	5,6-Membered palladium pincer complexes of 1-thiophosphoryloxy-3-thiophosphorylbenzenes. Synthesis, X-ray structure, and catalytic activity. <i>Dalton Transactions</i> , 2009, , 8657.	3.3	34
96	Adducts of cobalt(ii) bis(salicylaldiminates) and redox-active phenoxazin-1-one: synthesis, structure, and magnetic properties. <i>Russian Chemical Bulletin</i> , 2013, 62, 1744-1751.	1.5	34
97	2,6-Dihalo-9-selenabicyclo[3.3.1]nonanes and their complexes with selenium dihalides: synthesis and structural characterisation. <i>New Journal of Chemistry</i> , 2015, 39, 8055-8059.	2.8	34
98	Estimations of energy of noncovalent bonding from integrals over interatomic zero-flux surfaces: Correlation trends and beyond. <i>Journal of Computational Chemistry</i> , 2018, 39, 1607-1616.	3.3	34
99	Direct Electrophilic Insertion into a Twelve-Vertex Metallocarborane. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4112-4114.	13.8	33
100	Ferra- and Ruthenatricarbollides CpFeC ₃ B ₈ H ₁₁ and Cp*RuC ₃ B ₈ H ₁₁ . <i>Organometallics</i> , 2005, 24, 4387-4392.	2.3	33
101	Pseudosymmetry in Trinitropyrazole: The Cost of Error in Space-Group Determination. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2892-2894.	13.8	33
102	Ca ^{II} , Yb ^{II} and Sm ^{II} Bis(Amido) Complexes Coordinated by NHC Ligands: Efficient Catalysts for Highly Regio- and Chemoselective Consecutive Hydrophosphinations with PH ₃ . <i>Chemistry - A European Journal</i> , 2019, 25, 459-463.	3.3	33
103	Luminescent properties of zinc complexes of 4-formylpyrazolone based azomethine ligands: Excitation-dependent emission in solution. <i>Journal of Luminescence</i> , 2018, 202, 370-376.	3.1	33
104	Pibocin, the first ergoline marine alkaloid from the Far-Eastern ascidian <i>Eudistoma</i> sp.. <i>Tetrahedron Letters</i> , 1999, 40, 1591-1594.	1.4	32
105	Synthesis and Rearrangements of Aminosubstituted Ferra- and Ruthenatricarbaboranes. <i>Inorganic Chemistry</i> , 2005, 44, 1655-1659.	4.0	32
106	First enantiopure imine CN-palladacycle of non-metallocenic planar chirality with the [2.2]paracyclophane backbone. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1661-1671.	1.8	32
107	Cucurbit[7]uril Complexes of Crown-Ether Derived Styryl and (Bis)styryl Dyes. <i>Journal of Physical Chemistry B</i> , 2009, 113, 10149-10158.	2.6	32
108	Unprecedented Conversion of Triethylamine and Disulfur Dichloride into a Thienopentathiepin and a Heptathiocane. <i>Organic Letters</i> , 2003, 5, 1939-1942.	4.6	31

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109	Cyclotetrasiloxanetetrols with Methyl Groups at Silicon: Isomers <i>all-cis</i> - and <i>cis-trans-cis</i> [MeSi(O)OH] ₄ . <i>Inorganic Chemistry</i> , 2010, 49, 572-577.	4.0	31
110	Pathways of directed synthesis of iron(II) clathrochelates and polyclathrochelates with non-equivalent capping groups starting from antimony- and germanium-containing precursors. <i>Inorganica Chimica Acta</i> , 2004, 357, 3187-3204.	2.4	30
111	Hydrogen Bonds between Zwitterions: Intermediate between Classical and Charge-Assisted Ones. A Case Study. <i>Journal of Physical Chemistry A</i> , 2009, 113, 3615-3620.	2.5	30
112	Mutual Influence of Cyclopentadienyl and Carbonyl Ligands in Cymantrene: QTAIM Study. <i>Journal of Physical Chemistry A</i> , 2009, 113, 10845-10851.	2.5	30
113	Pseudosymmetry as viewed using charge density analysis. <i>CrystEngComm</i> , 2010, 12, 77-81.	2.6	30
114	Structure and Stereodynamics of N,N-Bis(silyloxy)enamines. <i>Journal of the American Chemical Society</i> , 2002, 124, 11358-11367.	13.7	29
115	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. <i>Tetrahedron</i> , 2002, 58, 8525-8537.	1.9	29
116	Configurational stability of methylates of methano- and ethano-triangular bases. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2191-2194.	1.8	29
117	Synthesis and structures of cationic bis(arene)rhenium complexes. <i>Journal of Organometallic Chemistry</i> , 2013, 727, 60-63.	1.8	29
118	An Organoytterbium(III) Complex Exhibiting Field-Induced Single-Ion-Magnet Behavior. <i>Inorganic Chemistry</i> , 2015, 54, 7667-7669.	4.0	29
119	Experimental Charge Density Evidence for Pnictogen Bonding in a Crystal of Ammonium Chloride. <i>ChemPhysChem</i> , 2015, 16, 676-681.	2.1	29
120	The structurally rigid tetradentate N,N'-O,O'-ligands based on phenanthroline for binding of f-elements: The substituents vs. structures of the complexes. <i>Inorganica Chimica Acta</i> , 2018, 478, 148-154.	2.4	29
121	Luminescence and electronic structure of $\text{Nd}(\text{NO}_3)_3 \cdot 3\text{H}_2\text{O}$ complex with pyrazole-substituted 1,3-diketone and 1,10-phenanthroline. <i>Journal of Luminescence</i> , 2018, 202, 546-553.	3.1	29
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