

Sergey Y Ketkov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

150
papers

1,895
citations

22
h-index

35
g-index

160
ext. papers

2,133
ext. citations

3.4
avg, IF

4.63
L-index

#	Paper	IF	Citations
150	Single-step synthesis of TiC mesocrystals on the MWCNTs surface by the pyrolysis of Cp ₂ TiCl ₂ . <i>Materials Today Chemistry</i> , 2022 , 24, 100830	6.2	0
149	Perfluorinated Dialkoxysilanedioles Resisting Self-Condensation. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 4402	2.3	0
148	Reversible Addition of Carbon Dioxide to Main Group Metal Complexes at Temperatures about 0 °C. <i>Chemistry - A European Journal</i> , 2021 , 27, 5745-5753	4.8	8
147	Laser spectroscopic and computational insights into unexpected structural behaviours of sandwich complexes upon ionization. <i>Dalton Transactions</i> , 2021 , 50, 10729-10736	4.3	0
146	Metal-Organic Frameworks Derived from Calcium and Strontium Complexes of a Redox-Active Ligand. <i>Inorganic Chemistry</i> , 2021 , 60, 3238-3248	5.1	3
145	Electron delocalization and electronic transitions in oligomeric and polymeric phthalocyanine zinc(II) complexes. Part 2. Non-linear oligo- and two-dimensional polyphthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 236-246	1.8	
144	Perfluorinated Trialkoxysilanol with Dramatically Increased Brønsted Acidity. <i>Chemistry - A European Journal</i> , 2021 , 27, 15898-15902	4.8	0
143	Pnictogen effects on the electronic interactions in the Lewis pair complexes Ph ₃ EB(C ₆ F ₅) ₃ (E = P, As, Sb). <i>Journal of Organometallic Chemistry</i> , 2021 , 949, 121944	2.3	2
142	Novel Oxidovanadium Complexes with Redox-Active R-Mian and R-Bian Ligands: Synthesis, Structure, Redox and Catalytic Properties. <i>Molecules</i> , 2021 , 26,	4.8	2
141	Probing Limits of a C=C Bond Activation by N-Coordinated Organopnictogen(I) Compounds. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 4030	2.3	2
140	Lewis Superacidic Tellurenyl Cation-Induced Electrophilic Activation of an Inert Carborane. <i>Chemistry - A European Journal</i> , 2021 , 27, 14577-14581	4.8	2
139	Taking a snapshot of the triplet excited state of an OLED organometallic luminophore using X-rays. <i>Nature Communications</i> , 2020 , 11, 2131	17.4	15
138	A planar binuclear cobalt(II) phthalocyanine as a highly efficient catalyst for the oxidation of a mercaptan. <i>Chemical Communications</i> , 2020 , 56, 5653-5656	5.8	9
137	Substituent effects on the electronic structures of sandwich compounds: new understandings provided by DFT-assisted laser ionization spectroscopy of bisarene complexes. <i>Dalton Transactions</i> , 2020 , 49, 569-577	4.3	3
136	Electron delocalization and electronic transitions in oligomeric and polymeric phthalocyanine zinc(II) complexes. Part 1: Linear oligo- and one-dimensional polyphthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 515-527	1.8	2
135	A Small Cationic Organo-Copper Cluster as Thermally Robust Highly Photo- and Electroluminescent Material. <i>Journal of the American Chemical Society</i> , 2020 , 142, 373-381	16.4	41
134	Water-Soluble Bismuth(III) Polynuclear Tyrosinehydroximate Metallamacrocyclic Complex: Structural Parallels to Lanthanide Metallacrowns. <i>Molecules</i> , 2020 , 25,	4.8	2

133	Low-coordinate Sm(II) and Yb(II) complexes derived from sterically-hindered 1,2-bis(imino)acenaphthene (Ar-bian). <i>Dalton Transactions</i> , 2020 , 49, 14445-14451	4.3	6
132	Reversible C=C Bond Activation by an Intramolecularly Coordinated Antimony(I) Compound. <i>Chemistry - A European Journal</i> , 2019 , 25, 12854-12854	4.8	
131	Electronic excited states of mixed sandwich complexes, (η-C7H7)(η-C5H5)M (M = V, Cr): Investigation with time-dependent density functional theory. <i>Inorganica Chimica Acta</i> , 2019 , 487, 281-286	2.7	1
130	The first water-soluble polynuclear metallamacrocyclic Sr(II)-Cu(II) complex based on simple glycinehydroximate ligands. <i>Dalton Transactions</i> , 2019 , 48, 10479-10487	4.3	4
129	From a 2,1-Benzazaarsole to Elusive 1-Arsanaphthalenes in One Step. <i>Chemistry - A European Journal</i> , 2019 , 25, 5668-5671	4.8	10
128	Rydberg state mediated multiphoton ionization of (ηCH)(ηCH)Cr: DFT-supported experimental insights into the molecular and electronic structures of excited sandwich complexes. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 9665-9671	3.6	
127	Reversible C=C Bond Activation by an Intramolecularly Coordinated Antimony(I) Compound. <i>Chemistry - A European Journal</i> , 2019 , 25, 12884-12888	4.8	13
126	pH-Responsive Switching Properties of a Water-Soluble Metallamacrocyclic Phenylalaninehydroximate La(III)-Cu(II) Complex: Insight into Tuning Protonation Ligand States. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4328-4335	2.3	3
125	One-Electron Reduction of 2-Mono(2,6-diisopropylphenylimino)acenaphthene-1-one (dpp-mian). <i>Chemistry - A European Journal</i> , 2019 , 25, 3858-3866	4.8	5
124	Polynuclear Aminohydroximate Metallamacrocyclic Cu(II)-Ce(III) Complexes: A Facile Route to Intricate Nanostructures of Copper and Cerium Oxides. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1002-1010	2.3	4
123	Synthesis of Hybrid Materials Based on Iron Nanoparticle-Decorated Multiwalled Carbon Nanotubes. <i>Inorganic Materials</i> , 2018 , 54, 233-236	0.9	1
122	Investigation of Chromophoric Behavior of Water-Soluble La(III)-Cu(II) Polynuclear Metallamacrocyclic 15-MC-5 Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 907-911	1.3	5
121	New insights into water-soluble and water-coordinated copper 15-metallacrown-5 gadolinium complexes designed for high-field magnetic resonance imaging applications. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4389	3.1	7
120	New Hybrid Material Based on Multiwalled Carbon Nanotubes Decorated by Rhenium-Tungsten Nanodendrites. <i>Journal of Surface Investigation</i> , 2018 , 12, 682-687	0.5	1
119	Rare-earth metal-mediated PhC[triple bond, length as m-dash]N insertion into N,N-bis(trimethylsilyl)naphthalene-1,8-diamido dianion - a synthetic approach to complexes coordinated by ansa-bridged amido-amidinato ligand. <i>Dalton Transactions</i> , 2018 , 47, 438-451	4.3	3
118	Diverse reactivity of a boraguanidinato germylene toward organic pseudohalides. <i>Dalton Transactions</i> , 2018 , 47, 14880-14883	4.3	7
117	Quantum chemical study of formation of Cu(II)-III metallamacrocyclic complexes based on glycinehydroximate ligands. <i>Russian Chemical Bulletin</i> , 2018 , 67, 1173-1181	1.7	5
116	TD DFT insights into unusual properties of excited sandwich complexes: structural transformations and vibronic interactions in Rydberg-state bis(ηbenzene)chromium. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 23988-23997	3.6	2

115	Synthesis of 3?H-cyclopropa[1,9](C60-I h)[5,6]fullerenes from 2?-aryl-1?,1?-dimethyl-2?,5?-dihydro-1?H-pyrrolo[3?,4?:1,9]-(C60-I h)[5,6]fulleren-1-ium iodides. <i>Russian Journal of Organic Chemistry</i> , 2017 , 53, 445-448	0.7	
114	Facile activation of alkynes with a boroguanidinato-stabilized germylene: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2017 , 46, 12339-12353	4.3	8
113	DFT-Supported Threshold Ionization Study of Chromium Biphenyl Complexes: Unveiling the Mechanisms of Substituent Influence on Redox Properties of Sandwich Compounds. <i>Chemistry - A European Journal</i> , 2017 , 23, 13669-13675	4.8	6
112	Das schwach koordinierende Tris(trichlorsilyl)silyl-Anion. <i>Angewandte Chemie</i> , 2017 , 129, 16713-16717	3.6	8
111	The Weakly Coordinating Tris(trichlorosilyl)silyl Anion. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16490-16494	16.4	21
110	Nuclearity dependent solvent contribution to the catechol oxidase activity of novel copper(II) complexes derived from Mannich-base ligand platforms: synthesis, crystal structure and mechanism. <i>New Journal of Chemistry</i> , 2017 , 41, 8586-8597	3.6	13
109	Deposition of nanocrystalline nonstoichiometric chromium oxide coatings on the surface of multiwalled carbon nanotubes by chromium acetylacetonate vapor pyrolysis. <i>Technical Physics Letters</i> , 2017 , 43, 396-398	0.7	3
108	Titelbild: Das schwach koordinierende Tris(trichlorsilyl)silyl-Anion (Angew. Chem. 52/2017). <i>Angewandte Chemie</i> , 2017 , 129, 16637-16637	3.6	
107	Singlet oxygen quantum yields and photostability of planar binuclear phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017 , 21, 844-849	1.8	1
106	Pyrolytic deposition of nanostructured titanium carbide coatings on the surface of multiwalled carbon nanotubes. <i>Technical Physics Letters</i> , 2016 , 42, 517-519	0.7	8
105	Novel hybrid materials based on the vanadium oxide nanobelts. <i>Applied Surface Science</i> , 2016 , 368, 395-402	4.0	4
104	Copper(II)Merium(III) 15-metallacrown-5 based on glycinehydroxamic acid as a new precursor for heterobimetallic composite materials on carbon nanotubes. <i>Polyhedron</i> , 2016 , 114, 96-100	2.7	15
103	Unsymmetrically Substituted Phthalocyanine Carboxylic Acids. <i>Macroheterocycles</i> , 2016 , 9, 180-185	2.2	3
102	Preparation and Thermal Decomposition of Ln(III)-Cu(II) Polynuclear Metallamacrocyclic Compounds Based on Glycinehydroxamic Acid. <i>Macroheterocycles</i> , 2016 , 9, 263-267	2.2	7
101	Fine Substituent Effects in Sandwich Complexes: A Threshold Ionization Study of Monosubstituted Chromium Bisarene Compounds. <i>Chemistry - A European Journal</i> , 2016 , 22, 4690-4	4.8	5
100	Study of composite MWCNT/pyrolytic Cr interface by NEXAFS spectroscopy. <i>Journal of Physics: Conference Series</i> , 2016 , 741, 012038	0.3	1
99	Germynes and stannylens stabilized within N2PE rings (E = Ge or Sn): combined experimental and theoretical study. <i>Dalton Transactions</i> , 2016 , 45, 10343-54	4.3	5
98	Catecholase activity of Mannich-based dinuclear CuII complexes with theoretical modeling: new insight into the solvent role in the catalytic cycle. <i>New Journal of Chemistry</i> , 2016 , 40, 6623-6635	3.6	23

97	Increasing the Brønsted acidity of Ph ₂ PO ₂ H by the Lewis acid B(C ₆ F ₅) ₃ . Formation of an eight-membered boraphosphinate ring [Ph ₂ POB(C ₆ F ₅) ₂ O] ₂ . <i>Chemical Communications</i> , 2016 , 52, 10992-5	5.8	17
96	Lewis-acid induced disaggregation of dimeric arylantimony oxides. <i>Chemical Communications</i> , 2015 , 51, 5932-5	5.8	22
95	Intramolecularly Group 15 Stabilized Aryltellurenyl Halides and Triflates. <i>Organometallics</i> , 2015 , 34, 5341-5	3.8	21
94	New hybrid material based on multiwalled carbon nanotubes decorated with rhenium nanoparticles. <i>Journal of Surface Investigation</i> , 2015 , 9, 694-698	0.5	8
93	New experimental insights into the formation of unexpected water-soluble Eu(III)Cu(II) 15-metallacrown-5 compound with acetate. <i>Inorganic Chemistry Communication</i> , 2015 , 52, 31-33	3.1	25
92	Synthesis, crystal structures and luminescent properties of the copper(I) pyrazolonate complexes. <i>Inorganica Chimica Acta</i> , 2015 , 425, 189-197	2.7	5
91	Facile One-Pot Route toward Water-Soluble Lanthanide-Copper-Glycinehydroxamate 15-Metallacrown-5 Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5202-5208	2.3	26
90	From Stiba- and Bismaheteroboroxines to N,C,N-Chelated Diorganoantimony(III) and Bismuth(III) Cations-An Unexpected Case of Aryl Group Migration. <i>Inorganic Chemistry</i> , 2015 , 54, 6010-9	5.1	20
89	Metal- and Ligand-Supported Reduction of the {Fe ₂ S ₂ } Cluster as a Path to Formation of Molecular Group 13 Element Complexes {Fe ₂ S ₂ M} (M = Al, Ga). <i>Organometallics</i> , 2014 , 33, 2713-2720	3.8	7
88	Trinuclear alkyl hydrido rare-earth complexes supported by amidopyridinato ligands: synthesis, structures, C-Si bond activation and catalytic activity in ethylene polymerization. <i>Dalton Transactions</i> , 2014 , 43, 14450-60	4.3	11
87	N,N'-fused bisphosphole: heteroaromatic molecule with two-coordinate and formally divalent phosphorus. Synthesis, electronic structure, and chemical properties. <i>Inorganic Chemistry</i> , 2014 , 53, 3243-5	5.1	29
86	Compactly Fused o-Quinone-Extended Tetrathiafulvalene-o-Quinone Triad: A Redox-Amphoteric Ligand. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 4571-4576	3.2	15
85	Synthesis, X-ray investigation and DFT calculations of solvated barium β -diketonate complexes with 18-dibenzocrown-6: [Ba(pta) ₂ (18DBC6)](C ₆ H ₅ CH ₃) ₂ and [Ba(pta) ₂ (18DBC6)](CH ₂ Cl ₂) (pta = 1,1,1-trifluoro-5,5-dimethylhexanedionato-2,4; 18DBC6 = 18-dibenzocrown-6). <i>Polyhedron</i> , 2014 , 79, 229-238	2.7	2
84	Synthesis and properties of ion-radical salts based on bis(arene)chromium complexes and fullerene derivatives. <i>Russian Chemical Bulletin</i> , 2014 , 63, 854-861	1.7	2
83	Compounds of chromium, titanium, and zirconium with different reduced forms of acenaphthene-1,2-diimine. <i>Russian Chemical Bulletin</i> , 2014 , 63, 870-882	1.7	13
82	Electronic excited states of chromium and vanadium bisarene complexes revisited: interpretation of the absorption spectra on the basis of TD DFT calculations. <i>Dalton Transactions</i> , 2014 , 43, 17703-11	4.3	3
81	Redox reactions of organic C ₆₀ derivatives. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1590-1598	1.7	1
80	Ionic Interactions between Charged Phthalocyanine and Fullerene Derivatives. <i>Macroheterocycles</i> , 2014 , 7, 145-152	2.2	3

79	New high-spin iron complexes based on bis(imino)acenaphthenes (BIAN): synthesis, structure, and magnetic properties. <i>Russian Chemical Bulletin</i> , 2013 , 62, 2122-2131	1.7	14
78	Boron complexes of redox-active diimine ligand. <i>Dalton Transactions</i> , 2013 , 42, 7952-61	4.3	28
77	Synthesis, characterization and photophysical properties of new cyclometallated platinum(II) complexes with pyrazolonate ancillary ligand. <i>Journal of Organometallic Chemistry</i> , 2013 , 733, 1-8	2.3	7
76	Benzonitrile Insertion into Silylarylamides π -ansa-Bis(benzamidinate) Ligand Systems with Rigid o- and m-Phenylene Linkers in the Synthesis of Lithium and Rare Earth Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 4173-4183	2.3	22
75	Crystalline complexes of fullerene with anisole derivatives. <i>Physics of the Solid State</i> , 2012 , 54, 647-651	0.8	
74	Synthesis and luminescence properties of lithium, zinc and scandium 1-(2-pyridyl)naphtholates. <i>Organic Electronics</i> , 2012 , 13, 3203-3210	3.5	6
73	Threshold Ionization of Cobaltocene: The Metallocene Molecule Revealing Zero Kinetic Energy States. <i>Angewandte Chemie</i> , 2012 , 124, 11695-11698	3.6	6
72	Threshold ionization of cobaltocene: the metallocene molecule revealing zero kinetic energy States. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11527-30	16.4	12
71	The intramolecular rearrangement of phosphinohydrazides [R' ² P-NR-NR-M] \rightarrow [R ² N-PR'-NR-M]: general rules and exceptions. transformations of bulky phosphinohydrazines (R-NH-N(PPh ₂) ₂ , R = tBu, Ph ₂ P). <i>Inorganic Chemistry</i> , 2012 , 51, 874-81	5.1	25
70	Tin(IV) and lead(IV) complexes with a tetradentate redox-active ligand. <i>Dalton Transactions</i> , 2012 , 41, 10970-9	4.3	18
69	The Reaction of Cyclohexanone Azine with PCl ₃ . Synthesis of Annulated Dichlorodiazaphosphole and its Unusual Transannulation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 1173-1178	1.3	10
68	Compounds with Direct Gallium-Lanthanum and Gallium-Zinc Bonds. <i>Organometallics</i> , 2011 , 30, 3628-3636	3.8	34
67	Anhydrous mono- and dinuclear tris(quinolinolate) complexes of scandium: the missing structures of rare earth metal 8-quinolinolates. <i>Dalton Transactions</i> , 2011 , 40, 7713-7	4.3	13
66	Near-infrared electroluminescent lanthanide [Pr(III), Nd(III), Ho(III), Er(III), Tm(III), and Yb(III)] N,O-chelated complexes for organic light-emitting devices. <i>Journal of Materials Chemistry</i> , 2011 , 21, 16611		80
65	Group II metal complexes with the N-(2-oxy-3,5-di-tert-butylphenyl)-4,6-di-tert-butyl-o-iminobenzoquinone ligand: an ESR study. <i>Russian Chemical Bulletin</i> , 2011 , 60, 2522-2530	1.7	5
64	Polyadducts of fullerene C ₆₀ with tert-butyl groups. <i>Russian Chemical Bulletin</i> , 2011 , 60, 1888-1898	1.7	2
63	Thermodynamics of the bis-(β -m-xylene)molybdenum fulleride [(β -(m-xylene)) ₂ Mo] π [C ₆₀] π <i>Journal of Thermal Analysis and Calorimetry</i> , 2011 , 105, 635-643	4.1	3
62	Selective protonation of the Y-C bond in trinuclear yttrium alkyl-hydrido clusters and formation of the cationic polyhydrido core. <i>Chemistry - A European Journal</i> , 2011 , 17, 3824-6	4.8	38

61	Heat Capacity and Standard Thermodynamic Functions of Bis(β -mesitylene)vanadium Fulleride [$(\beta$ -sim-Me ₃ H ₃ C ₆) ₂ V]@C ₆₀ over the Range from T = (0 to 345) K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 3100-3105	2.8	3
60	Synthesis, structures, and electroluminescent properties of scandium N,O-chelated complexes toward near-white organic light-emitting diodes. <i>Inorganic Chemistry</i> , 2010 , 49, 5094-100	5.1	52
59	Chemistry of the phosphorus-nitrogen ligands. Multiple isomeric transformations of the diphosphinohydrazine bearing 8-quinolyl substituent: P-K, P-N, and P-R migrations caused by different factors. <i>Inorganic Chemistry</i> , 2010 , 49, 9677-82	5.1	8
58	Yellow-green organic light-emitting diode based on tris(2-methyl-8-quinolinolate) scandium. <i>Synthetic Metals</i> , 2010 , 160, 2476-2480	3.6	1
57	Zero kinetic energy spectroscopy: mass-analyzed threshold ionization spectra of chromium sandwich complexes with alkylbenzenes, (β -RPh)(β) ₂ Cr (R = Me, Et, i-Pr, t-Bu). <i>Journal of Physical Chemistry A</i> , 2010 , 114, 11298-303	2.8	13
56	Scandium 2-mercaptobenzothiazolate: Synthesis, structure and electroluminescent properties. <i>Polyhedron</i> , 2010 , 29, 400-404	2.7	10
55	Novel method for the synthesis of functionalized tetrathiafulvalenes, an acceptor-donor-acceptor molecule comprising of two o-quinone moieties linked by a TTF bridge. <i>Tetrahedron</i> , 2010 , 66, 7605-7614	2.4	34
54	Charge transfer and band gap of ferrocene intercalated into TiSe ₂ . <i>Chemical Physics Letters</i> , 2010 , 497, 187-190	2.5	11
53	Electronic structures of mixed sandwich ansa-complexes of chromium as studied by gas-phase absorption spectroscopy and quantum chemistry. <i>Russian Chemical Bulletin</i> , 2009 , 58, 682-690	1.7	1
52	Binuclear Zinc Complexes with Radical-Anionic Diimine Ligands. <i>Organometallics</i> , 2009 , 28, 3863-3868	3.8	54
51	Thermodynamics of the Bis(β -t-butylphenyl)chromium Fulleride [Cr(β -(t-BuPh)) ₂]@C ₆₀ <i>Bulletin of the Chemical Society of Japan</i> , 2009 , 82, 65-69	5.1	10
50	Synthesis, molecular structure and DFT study of [(dpp-bian)Ga-M(Et(2)O)(3)] (M=Li, Na; dpp-bian=1,2-bis[(2,6-diisopropylphenyl)imino]acenaphthene). <i>Chemistry - A European Journal</i> , 2008 , 14, 8465-8	4.8	46
49	Phase transitions in titanium diselenide intercalated with cobaltocene at high pressures of up to 20 GPa. <i>Physics of the Solid State</i> , 2008 , 50, 941-944	0.8	1
48	[(dpp-bian)Ga-Ga(dpp-bian)] and [(dpp-bian)Zn-Ga(dpp-bian)]: synthesis, molecular structures, and DFT studies of these novel bimetallic molecular compounds. <i>Chemistry - A European Journal</i> , 2007 , 13, 7050-6	4.8	83
47	[(dpp-bian)Zn-Zn(dpp-bian)]: A zinc-zinc-bonded compound supported by radical-anionic ligands. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4302-5	16.4	114
46	Direct detection of individual bis(arene) rotational isomers in the gas phase by mass-analyzed threshold ionization spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7072-4	16.4	21
45	Thermodynamics of dimer fullerene complex [(Me ₃ Si) ₃ C ₆₀] ₂ in the range from 0 ? T/K ? 480. <i>Journal of Chemical Thermodynamics</i> , 2007 , 39, 798-803	2.9	4
44	The thermodynamic properties of the [(Me ₃ Si) ₇ C ₆₀] ₂ fullerene complex. <i>Russian Journal of Physical Chemistry A</i> , 2007 , 81, 854-860	0.7	2

43	Reactions of metallocenes during intercalation into the layered TiSe ₂ lattice. <i>Russian Chemical Bulletin</i> , 2007 , 56, 910-914	1.7	
42	Vibrational Frequencies and Ionization Energy of Bis(η -Benzene)Chromium as Studied by Density Functional Theory. <i>Zeitschrift Fur Physikalische Chemie</i> , 2007 , 221, 597-607	3.1	13
41	MOCVD Synthesis of Germanium Filled Diamondlike Carbon Nanotubes and Microtubes from Organogermanium Precursors and Their Field-Emission Properties. <i>Chemical Vapor Deposition</i> , 2006 , 12, 357-363		11
40	Estimation of the barrier to rotation of benzene in the (η -6-C ₆ H ₆) ₂ Cr crystal via topological analysis of the electron density distribution function. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 6545-51	2.8	83
39	High-Resolution Mass-Analyzed Threshold Ionization Study of Deuterated Derivatives of Bis(η -benzene)chromium. <i>Organometallics</i> , 2006 , 25, 1712-1716	3.8	19
38	Interaction of sodium fullerene derivatives with trimethylchlorosilane. <i>Physics of the Solid State</i> , 2006 , 48, 1000-1006	0.8	4
37	Synthesis and investigation of titanium diselenide intercalated with ferrocene and cobaltocene. <i>Physics of the Solid State</i> , 2006 , 48, 1466-1471	0.8	5
36	Stoichiometric synthesis of fullerene compounds with lithium and sodium and analysis of their IR and EPR spectra. <i>Physics of the Solid State</i> , 2004 , 46, 1365-1370	0.8	7
35	Two-color resonance photoionization spectrum of nickelocene in a supersonic jet. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2004 , 97, 567-571	0.7	2
34	Two-color photoionization spectroscopy of jet-cooled nickelocene. <i>Russian Chemical Bulletin</i> , 2004 , 53, 1667-1669	1.7	
33	Gas-phase electronic absorption spectroscopy of substituted bis(η -benzene)chromium derivatives: Rydberg transitions in bis(η -anisole)chromium and bis(η -2,6-dimethylpyridine)chromium. <i>Russian Chemical Bulletin</i> , 2004 , 53, 1932-1937	1.7	6
32	Nanosecond multiphoton ionization spectroscopy of transition-metal sandwich compounds: a comparative study of nickelocene, ferrocene and bis(η -benzene)chromium. <i>Molecular Physics</i> , 2004 , 102, 1749-1757	1.7	17
31	Two-color resonance-enhanced multiphoton ionization study of the lowest Rydberg p state of bis(η -6-benzene)chromium and its deuterated derivatives. <i>Journal of Chemical Physics</i> , 2004 , 121, 149-56	3.9	20
30	Study of Jet-Cooled Bis(η -Benzene)Chromium by Multiphoton Zero Kinetic Energy Mass-Analyzed Threshold Ionization Spectroscopy. <i>Israel Journal of Chemistry</i> , 2004 , 44, 65-69	3.4	18
29	Resonance-enhanced multiphoton ionisation spectroscopy of jet-cooled bis(η -benzene)chromium. <i>Chemical Physics Letters</i> , 2003 , 373, 486-491	2.5	19
28	Multiphoton ionization of jet-cooled nickelocene with tunable nanosecond laser pulses. <i>Chemical Physics</i> , 2003 , 293, 91-97	2.3	8
27	Mass-Resolved Nanosecond Laser Spectroscopy of Jet-Cooled Ferrocene in the Region of the 3d _{z²} -R _{4px,y} One-Photon Rydberg Transition. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 4041-4045	2.8	10
26	Rydberg transitions in titanium sandwich complexes: Gas-phase and solution-phase photoabsorption study of (η -C ₇ H ₇)(η -C ₅ H ₅)Ti, (η -C ₈ H ₈)(η -C ₅ H ₅)Ti, and (η -C ₈ H ₈)(η -C ₅ Me ₅)Ti. <i>Physical Chemistry Chemical Physics</i> , 2003 , 5, 451-455	3.6	9

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