

Robert Gyepes

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.

167
papers

1,927
citations

24
h-index

32
g-index

182
ext. papers

2,106
ext. citations

3.3
avg, IF

4.53
L-index

#	Paper	IF	Citations
167	Crystal structure of bis-(ammonium) bis-[penta-aqua-(di-methyl-formamide)-zinc(II)] deca-vanadate tetra-hydrate.. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022 , 78, 481-484	0.7	0
166	Thermal properties of the hybrid compound [Cu(en) ₂ (VO ₃) ₂] \cdot 2H ₂ O [phase analysis upon heating and cooling. Crystal structure characterization of its two polymorphic modifications. <i>Journal of Molecular Structure</i> , 2021 , 1230, 129930	3.4	
165	Luminescent Cationic Group 4 Metallocene Complexes Stabilized by Pendant N-Donor Groups. <i>Inorganic Chemistry</i> , 2021 , 60, 7315-7328	5.1	3
164	Rhodium-Catalyzed Enantioselective Synthesis of Highly Fluorescent and CPL-Active Dispiroindeno[2,1-c]fluorenes. <i>Chemistry - A European Journal</i> , 2021 , 27, 11279-11284	4.8	4
163	Oxidative C-H Homocoupling of Push-Pull Benzothiazoles: An Atom-Economical Route to Highly Emissive Quadrupolar Arylamine-Functionalized 2,2PBibenzothiazoles with Enhanced Two-Photon Absorption. <i>Organic Letters</i> , 2021 , 23, 5512-5517	6.2	5
162	Synthesis and Reactivity of Multinuclear Gold Complexes with (Diphenylphosphanyl)ferrocene and Oxygen Ligands. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6992-6996	16.4	2
161	An in vitro selective inhibitory effect of silver(I) aminoacidates against bacteria and intestinal cell lines and elucidation of the mechanism of action by means of DNA binding properties, DNA cleavage and cell cycle arrest. <i>Dalton Transactions</i> , 2021 , 50, 936-953	4.3	4
160	Synthesis and Reactivity of Multinuclear Gold Complexes with (Diphenylphosphanyl)ferrocene and Oxygen Ligands. <i>Angewandte Chemie</i> , 2021 , 133, 7068-7072	3.6	2
159	Sunlight-induced dehydrogenation rearrangement of the dititanium complex [Ti(η -C ₅ HMe ₄)(η ': η -C ₅ Me ₄) ₂]. <i>Journal of Organometallic Chemistry</i> , 2021 , 934, 121663	2.3	0
158	Novel Lanthanide(III) Porphyrin-Based Metal-Organic Frameworks: Structure, Gas Adsorption, and Magnetic Properties. <i>ACS Omega</i> , 2021 , 6, 24637-24649	3.9	2
157	Synthesis and study of Fe -IPd interactions in unsymmetric Pd(ii) complexes with phosphinoferrrocene guanidine ligands. <i>Dalton Transactions</i> , 2020 , 49, 4225-4229	4.3	8
156	In vitro biological evaluation and consideration about structure-activity relationship of silver(I) aminoacidate complexes. <i>Journal of Inorganic Biochemistry</i> , 2020 , 210, 111170	4.2	1
155	Enhanced Intracellular Accumulation and Cytotoxicity of Ferrocene-Ruthenium Arene Conjugates. <i>ChemPlusChem</i> , 2020 , 85, 1034-1043	2.8	0
154	Low-dimensional compounds containing bioactive ligands. Part XIV: High selective antiproliferative activity of tris(5-chloro-8-quinolinolato)gallium(III) complex against human cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127206	2.9	4
153	Heterometallic Copper-Vanadium Compounds: Crystal Structures of Polymers [Cu(η (VO(η))) and [Cu(η (VO(η -))) \cdot 2H ₂ O (η = imidazole, η = mandelato). <i>Journal of Chemical Crystallography</i> , 2020 , 50, 373-380	0.5	0
152	Molecular Hydrogen-Induced Carbon Chain Rearrangement in Cyclopentadienyl-Tethered Titanium(III) Permethyltitanocene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 128-136	2.3	2
151	Biological activity of two novel zinc(II) complexes with NSAID mefenamic acid. <i>Chemical Papers</i> , 2020 , 74, 1525-1540	1.9	3

150	Synthesis, structure and ethylene polymerisation activity of $\{ \text{Et} : \text{Ti}(\text{N})\text{-}1\text{-}[(\text{tert-butylamido})\text{diphenylsilyl}]\text{-}2,3,4,5\text{-tetramethylcyclopentadienyl}\}\text{dichlorotitanium(IV)}$. <i>Polyhedron</i> , 2020 , 188, 114704	2.7	0
149	Ruthenium tetrazene complexes bearing glucose moieties on their periphery: Synthesis, characterization, and in vitro cytotoxicity. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5896	3.1	4
148	Stereochemistry of Vanadium Peroxido Complexes: The Case of the Quinoline-2-carboxylato Ligand. <i>Inorganic Chemistry</i> , 2020 , 59, 17162-17170	5.1	1
147	A novel approach to achieve molecular switching in solid-state driving by thermal treatment: A photochromic zinc-coordination polymer. <i>Inorganica Chimica Acta</i> , 2020 , 512, 119879	2.7	
146	Low-dimensional compounds containing bioactive ligands. Part XV: Antiproliferative activity of tris(5-nitro-8-quinolinolato)gallium(III) complex with noticeable selectivity against the cancerous cells. <i>Polyhedron</i> , 2020 , 187, 114672	2.7	1
145	Sunlight photolysis of cyclopentadienyl-ethered titanium(iv) permethyltitanocene chlorides. <i>Journal of Organometallic Chemistry</i> , 2020 , 927, 121536	2.3	0
144	A series of four novel alkaline earth metal-organic frameworks constructed of Ca(ii), Sr(ii), Ba(ii) ions and tetrahedral MTB linker: structural diversity, stability study and low/high-pressure gas adsorption properties.. <i>RSC Advances</i> , 2020 , 10, 32323-32334	3.7	15
143	Straightforward Synthesis and Properties of Highly Fluorescent [5]- and [7]-Helical Dispiroindeno[2,1-c]fluorenes. <i>Angewandte Chemie</i> , 2019 , 131, 17329-17334	3.6	2
142	Silver(i) pyridylphosphonates - synthesis, structure, stability and light-insensitivity investigation.. <i>RSC Advances</i> , 2019 , 9, 1570-1575	3.7	3
141	Bimetallic copper-vanadium mandelato complexes with bpy and phen as ancillary ligands. 51V NMR spectra of vanadates in DMSO. <i>Polyhedron</i> , 2019 , 167, 62-68	2.7	3
140	Low-valent ansa-dimethylsilylene-, dimethylmethylene-bis(cyclopentadienyl) titanium compounds and ansa-titanium-magnesium complexes. <i>Journal of Organometallic Chemistry</i> , 2019 , 889, 15-26	2.3	1
139	Formal [3+2] cycloaddition of vinylcyclopropane azlactones to enals using synergistic catalysis. <i>Chemical Communications</i> , 2019 , 55, 3829-3832	5.8	18
138	Impact of the central atom on human genomic DNA and human serum albumin binding properties in analogous Zn(II) and Cd(II) complexes with mefenamic acid. <i>Journal of Molecular Structure</i> , 2019 , 1188, 42-50	3.4	9
137	Cocrystals of 2-Aminopyrimidine with Boric Acid-Crystal Engineering of a Novel Nonlinear Optically (NLO) Active Crystal. <i>Crystals</i> , 2019 , 9, 403	2.3	3
136	Electrochemical Study of Highly Substituted Titanocene Dihalides. <i>Electroanalysis</i> , 2019 , 31, 2067-2073	3	
135	Trapping ionic dimers of dinuclear peroxido mandelato complexes of vanadium(V) into cavities constructed from $\text{[and [Ni(phenanthroline)}_3\text{]}^{2+}$ cations: a precursor to Ni(VO) ₃ . <i>Transition Metal Chemistry</i> , 2019 , 44, 747-754	2.1	0
134	Vanadium(V) complexes of mandelic acid. <i>New Journal of Chemistry</i> , 2019 , 43, 17696-17702	3.6	4
133	Straightforward Synthesis and Properties of Highly Fluorescent [5]- and [7]-Helical Dispiroindeno[2,1-c]fluorenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17169-17174	16.4	6

132	Heavy metal complexes of 4-chlorodipicolinic acid - structural, spectral and thermal correlations. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 3013-3029	1.6	1
131	Order-disorder phase transition in the peroxidovanadium complex $\text{NH}[\text{VO}(\text{O})(\text{NH})]$. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 200, 110-115	4.4	1
130	Microporous Lead-Organic Framework for Selective CO Adsorption and Heterogeneous Catalysis. <i>Inorganic Chemistry</i> , 2018 , 57, 1774-1786	5.1	23
129	ChromoceneCyclopentadienyltitanium Trichloride Ion Pairs and Their Rearrangement to Titanocene ChlorideCyclopentadienylchromium Dichlorides I Ethylene Polymerization Tests. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2637-2647	2.3	6
128	Synthesis, crystal structures, spectral, thermal and antimicrobial properties of new Zn(II) 5-iodo- and 5-bromosalicylates. <i>Journal of Molecular Structure</i> , 2018 , 1155, 232-238	3.4	5
127	Hydrogenation of titanocene and zirconocene bis(trimethylsilyl)acetylene complexes. <i>Dalton Transactions</i> , 2018 , 47, 8921-8932	4.3	7
126	Silver pyridine-2-sulfonate complex - its characterization, DNA binding, topoisomerase I inhibition, antimicrobial and anticancer response. <i>Journal of Inorganic Biochemistry</i> , 2018 , 186, 206-216	4.2	16
125	Synthesis, characterization, DNA binding, topoisomerase I inhibition and antimicrobial activity of four novel zinc(II) fenamates. <i>Polyhedron</i> , 2018 , 141, 230-238	2.7	21
124	Insertion of 1-t-butylpropyne into singly tucked-in permethyltitanocene. Synthesis, crystal structure of product and transition-state geometry. <i>Journal of Molecular Structure</i> , 2018 , 1167, 180-186	3.4	3
123	Effects of the Linking of Cyclopentadienyl and Ketimide Ligands in Titanium Half-Sandwich Olefin Polymerization Catalysts. <i>ChemCatChem</i> , 2017 , 9, 3160-3172	5.2	7
122	Synthesis, structure, spectral properties and theoretical studies of two half-sandwich titanium-complexes with adamantoxy ligands. <i>Journal of Molecular Structure</i> , 2017 , 1142, 248-254	3.4	
121	Decamethyltitanocene hydride intermediates in the hydrogenation of the corresponding titanocene-(η -ethene) or (η -alkyne) complexes and the effects of bulkier auxiliary ligands. <i>Dalton Transactions</i> , 2017 , 46, 8229-8244	4.3	8
120	Improving cytotoxic properties of ferrocenes by incorporation of saturated N-heterocycles. <i>Journal of Organometallic Chemistry</i> , 2017 , 846, 141-151	2.3	10
119	Interaction of the Zn(II)Cyclen complex with aminomethylphosphonic acid: original simultaneous potentiometric and ^{31}P NMR data treatment. <i>New Journal of Chemistry</i> , 2017 , 41, 7253-7259	3.6	3
118	Toxic metal complexes of macrocyclic cyclen molecule I synthesis, structure and complexing properties. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 1698-1712	1.6	5
117	Novel Zn(II) complexes with non-steroidal anti-inflammatory ligand, flufenamic acid: Characterization, topoisomerase I inhibition activity, DNA and HSA binding studies. <i>Journal of Inorganic Biochemistry</i> , 2017 , 177, 143-158	4.2	16
116	Crystal structure of chlorido{[3-(η -cyclopenta-dienyl)-2,2,3-trimethyl-1-phenylbutylidene]azanido-N}[2(N,O)-N,N-dimethylhydroxylaminato]titanium(IV), $\text{C}_{20}\text{H}_{27}\text{ClN}_2\text{O}_2\text{Ti}$. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017 , 232, 457-459	0.2	
115	Magnetic and Structural Characterization of Nickel and Iron Based Heusler Ribbons $\text{Ni}_{1-x}\text{Fe}_x\text{Z}$ ($\text{Z} = \text{In, Sn, Sb}$). <i>Acta Physica Polonica A</i> , 2017 , 131, 735-737	0.6	1

114	Magnetic and Structural Characterization of NiXSb (X=~Mn, Cr) Heusler Ribbon. <i>Acta Physica Polonica A</i> , 2017 , 131, 857-859	0.6	
113	Synthesis, crystal structure, spectral characterization, and theoretical study of glycolato peroxido complexes of vanadium(V). <i>Structural Chemistry</i> , 2016 , 27, 605-615	1.8	5
112	Hydrosilane-B(C ₆ F ₅) ₃ adducts as activators in zirconocene catalyzed ethylene polymerization. <i>Dalton Transactions</i> , 2016 , 45, 10146-50	4.3	12
111	Substituent effects in reduction-induced synthesis of ansa-titanocenes. <i>Transition Metal Chemistry</i> , 2016 , 41, 143-152	2.1	2
110	[2+2+2]-Cyclotrimerization of 1-Cyclopropyl-1,6-diynes with Alkynes: Formation of Cyclopropylarenes.. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 254-267	5.6	13
109	Synthesis, molecular and electronic structure of a stacked half-sandwich dititanium complex incorporating a cyclic η ⁶ -bridging ligand. <i>RSC Advances</i> , 2016 , 6, 94149-94159	3.7	0
108	Unveiling of a Trinuclear Cyclic Peroxidovanadate: A Potential Oxidant in Vanadium-Catalyzed Reactions. <i>Inorganic Chemistry</i> , 2015 , 54, 6306-11	5.1	10
107	Product of dissolution of V ₂ O ₅ in the choline chloride-urea deep eutectic solvent. <i>Inorganic Chemistry Communication</i> , 2015 , 60, 37-40	3.1	5
106	The first diperoxidovanadium complex with a monodentate amine ligand: Synthesis, characterization and crystal structure of methylbenzylammonium oxido-diperoxido-methylbenzylaminevanadate monohydrate. <i>Inorganic Chemistry Communication</i> , 2015 , 56, 105-107	3.1	9
105	Intramolecular activation of a pendant nitrile group in Ti and Zr metallocene complexes. <i>Journal of Organometallic Chemistry</i> , 2015 , 787, 56-64	2.3	4
104	Displacement of ethene from the decamethyltitanocene-ethene complex with internal alkynes, substituent-dependent alkyne-to-allene rearrangement, and the electronic transition relevant to the back-bonding interaction. <i>Dalton Transactions</i> , 2015 , 44, 7276-91	4.3	15
103	Stereospecificity in vanadium Schiff base complexes: Formation, crystallization and epimerization processes. <i>Journal of Inorganic Biochemistry</i> , 2015 , 147, 65-70	4.2	9
102	Vanadium-controlled crystallization of stereoisomers of NBu ₄ [VO ₂ (N-salicylidene-isoleucinato)] through epimerization. <i>Chemistry - A European Journal</i> , 2014 , 20, 8872-5	4.8	6
101	Peroxo complexes of vanadium(V) as ligands. Crystal structures of [Cd(NH ₃) ₆][{VO(O ₂) ₂ (OH)} ₂ {[Cd(NH ₃) ₄]}] and [{VO(O ₂) ₂ (Im)} ₂ {[Cu(Im) ₄]}] (Im = Imidazole). <i>Inorganic Chemistry</i> , 2014 , 53, 5037-43	5.1	6
100	Steric Effects in Reactions of Decamethyltitanocene Hydride with Internal Alkynes, Conjugated Diynes, and Conjugated Dienes. <i>Organometallics</i> , 2014 , 33, 3399-3413	3.8	8
99	Synthesis, structure, and sunlight photolysis of benzyl- and tert-butyl-substituted octamethyltitanocene dihydrosulfides. <i>Journal of Organometallic Chemistry</i> , 2014 , 755, 141-150	2.3	4
98	X-ray structure analysis, electronic and vibrational circular dichroism of chiral-at-metal dioxidovanadium(V) complexes with amino acids derived Schiff base ligands. <i>Polyhedron</i> , 2014 , 81, 421-427	2.7	11
97	[V ₁₂ O ₃₀ F ₄ (H ₂ O) ₂] ₄ One-pot synthesis and characterization of a novel fluorinated dodecavanadate. <i>Inorganic Chemistry Communication</i> , 2014 , 49, 48-51	3.1	7

96	An unprecedented coordination mode of isonicotinate ligand in novel copper(II) polymeric complex: synthesis, spectral, thermal and magnetic properties and their comparison with known molecular analog. <i>Inorganic Chemistry Communication</i> , 2014 , 46, 118-121	3.1	4
95	Interaction between chiral ions: synthesis and characterization of tartratovanadates(V) with tris(2,2'-bipyridine) complexes of iron(II) and nickel(II) as cations. <i>Transition Metal Chemistry</i> , 2014 , 39, 893-900	2.1	9
94	Structural and Magnetic Characterization of NiMnSb Half-Heusler Alloy Prepared by Rapid Quenching. <i>Acta Physica Polonica A</i> , 2014 , 126, 206-207	0.6	
93	Reactivity of a Titanocene Pendant SiH ₃ Group toward Alcohols. Unexpected Formation of Siloxanes from the Reaction of Hydrosilanes and Ph ₃ COH Catalyzed by B(C ₆ F ₅) ₃ . <i>Organometallics</i> , 2013 , 32, 4122-4129	3.8	20
92	Sunlight Photolysis of Decamethyltitanocene Dihydrosulfide Affords the Titanium Sulfide Cage Clusters (Cp*Ti) ₆ S ₈ and (Cp*Ti) ₄ S ₆ . <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3316-3322	2.3	3
91	Synthesis, characterization and sorption properties of zinc(II) metal-organic framework containing methanetetrabenzoate ligand. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 437, 101-107	5.1	19
90	Supramolecular interactions between chiral ions: Synthesis and characterization of [MII(bpy) ₃][VO(O ₂)(ox)(bpy)]·7H ₂ O (M = Fe and Ni). <i>Journal of Molecular Structure</i> , 2013 , 1032, 240-245	3.4	12
89	Anion-π lone pair-π Interactions in VO(O ₂) ⁺ complexes with one dipicolinato(2 ⁻)-N,O,O ligand and bearing picolinamidium, nicotinamidium or phenanthrolium as counterions. <i>Journal of Molecular Structure</i> , 2013 , 1041, 113-121	3.4	7
88	Synthesis and Structure of Titanium(III) Bis(decamethyltitanocene) Oxide. <i>Organometallics</i> , 2013 , 32, 6306-6314	3.8	11
87	Ion pairs from redox reaction of decamethylchromocene with cyclopentadienyltitanium trichlorides. <i>Inorganic Chemistry Communication</i> , 2012 , 19, 61-65	3.1	4
86	Vibrational spectra of guanylurea(1 ⁺) hydrogen phosphite: novel remarkable material for nonlinear optics. <i>Vibrational Spectroscopy</i> , 2012 , 63, 485-491	2.1	10
85	Synthesis, structure, and fluxional behaviour of highly-substituted group 4 cyclopentadienyl arylamine complexes. <i>Journal of Organometallic Chemistry</i> , 2012 , 719, 64-73	2.3	4
84	Ethene Complexes of Bulky Titanocenes, Their Thermolysis, and Their Reactivity toward 2-Butyne. <i>Organometallics</i> , 2012 , 31, 5478-5493	3.8	25
83	Anilinium dihydrogen phosphate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012 , 68, 057-60		4
82	Ethene Elimination during Thermolysis of Bis(3-butenyltetramethylcyclopentadienyl)dimethyltitanium. <i>Organometallics</i> , 2011 , 30, 2581-2586	3.8	6
81	Preparation, Crystal Structure and Spectroscopic Properties of Dimeric [Zn(2-bromobenzoato) ₂ (phenazone)] ₂ and Monomeric [Zn(2-bromobenzoato) ₂ (thiourea)] ₂ ·2H ₂ O. <i>Journal of Chemical Crystallography</i> , 2011 , 41, 1036-1043	0.5	4
80	Group 4 metallocene complexes with pendant nitrile groups. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 2364-2372	2.3	12
79	Titanocene and ansa-titanocene complexes bearing 2,6-bis(isopropyl)phenoxide ligand(s). Syntheses, characterization and use in catalytic dehydrocoupling polymerization of phenylsilane. <i>Collection of Czechoslovak Chemical Communications</i> , 2011 , 76, 75-94		3

78	Dehydrocoupling of SiMe ₂ H substituents in permethylated zirconocene complexes. <i>Collection of Czechoslovak Chemical Communications</i> , 2011 , 76, 177-191		5
77	Reduction-Induced Exclusive Activation of the ansa-1,2-Bis(dimethylsilylene)ethane Chain in ansa-Permethyltitanocene Compounds. <i>Organometallics</i> , 2010 , 29, 5199-5208	3.8	9
76	Influence of the Ti-O-C Angle on the Oxygen-to-Titanium σ-Donation in [Cp ₂ *Ti(III)OR] Complexes. <i>Organometallics</i> , 2010 , 29, 3780-3789	3.8	21
75	Synthesis of zirconocene silsesquioxane complexes and their ethene polymerization activity in systems with methylaluminoxane. <i>Collection of Czechoslovak Chemical Communications</i> , 2010 , 75, 105-119		4
74	Synthesis, structural characterisation and bonding in an anionic hexavanadate bearing redox-active ferrocenyl groups at the periphery. <i>New Journal of Chemistry</i> , 2010 , 34, 2749	3.6	15
73	Crystal Structure of [Zn(2-Bromobenzoato) ₂] _n and [Zn(2-Bromobenzoato) ₂ (N-Methylnicotinamide)] ₂ . <i>Journal of Chemical Crystallography</i> , 2010 , 40, 650-655	3.5	7
72	Dinuclear titanium complexes with methylphenylsilylene bridge between cyclopentadienyl rings. Synthesis, characterization and reactivity towards ethylene. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 1425-1433	2.3	5
71	Synthesis and structure of dinuclear dimethylene- or 1,4-phenylene-linked bis(decamethyltitanoceneoxide) (Ti(III)) complexes. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 2338-2344	2.3	8
70	S-(R)-1-phenyl ethyl ammonium(1+) sulphate and S-(R)-1-phenyl ethyl ammonium(1+) hydrogen phosphate 2.5 hydrate, preparation and characterization of crystallographic, optical and dielectric properties. <i>Journal of Molecular Structure</i> , 2010 , 980, 31-38	3.4	15
69	Synthesis, structure and characterization of (NH ₄) ₂ [Cu ₂ (H ₂ O) ₄ (NH ₃ CH ₂ COO) ₂ (NH ₂ CH ₂ COO) ₂]·2H ₂ O. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 1275-1277	3.1	8
68	Synthesis, crystal structures and spectroscopic properties of three Zn(II)-cyclic amino acid complexes with new macrocyclic configurations. <i>Inorganica Chimica Acta</i> , 2009 , 362, 3860-3866	2.7	7
67	Synthesis, spectral, thermal and structural study of bis(2-bromobenzoato-O,O')-bis(methyl-3-pyridylcarbamate-N)-zinc(II). <i>Polyhedron</i> , 2009 , 28, 131-137	2.7	11
66	Preparation of titanocene and zirconocene dichlorides bearing bulky 1,4-dimethyl-2,3-diphenylcyclopentadienyl ligand and their behavior in polymerization of ethylene. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 173-178	2.3	1
65	In Situ Comparison of Ionothermal Kinetics Under Microwave And Conventional Heating. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 20553-20558	3.8	27
64	Evaluation of the Oxygen σ-Donation in Permethyltitanocene Silanolates and Alcoholates. <i>Organometallics</i> , 2009 , 28, 1748-1757	3.8	21
63	Experimental and computational evidence of solid-state anion-π and π-π interactions in [VO(O ₂)(L)(pa)] ₂ ·nH ₂ O complexes (L = picolinate, pyrazinate or quinolinate; pa = picolinamide). <i>New Journal of Chemistry</i> , 2009 , 33, 1515	3.6	11
62	Reactivity of SiMe ₂ H Substituents in Permethylated Titanocene Complexes: Dehydrocoupling and Ethene Hydrosilylation. <i>Organometallics</i> , 2008 , 27, 2635-2642	3.8	16
61	Interpretation of the multiple vanadium-oxygen bonds in the central VO(η ² -O ₂) ⁺ group. Synthesis, structure, supramolecular interactions and DFT studies for complexes with 2,2'-bipyridine, 1,10-phenanthroline, pyrazinato(1-) and pyrazinamide ligands. <i>Dalton Transactions</i> , 2008 , 121-130	4.3	34

60	Insertion of Internal Alkynes and Ethene into Permethylated Singly Tucked-in Titanocene. <i>Organometallics</i> , 2008 , 27, 5532-5547	3.8	36
59	Mo-Catalyzed Cross-Metathesis Reaction of Propynylferrocene. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 3911-3920	2.3	25
58	Reactions of Doubly Tucked-In Permethyltitanocene with tert-Butanol and Propargyl Alcohol. The Crystal Structures of Unusual Hydrolytic Byproducts. <i>Collection of Czechoslovak Chemical Communications</i> , 2008 , 73, 967-982		3
57	Synthesis and Structure of Permethylcyclopentadienyltitanium Diisopropoxide Zwitterionic Complex. <i>Collection of Czechoslovak Chemical Communications</i> , 2008 , 73, 1161-1176		4
56	Effect of the Trimethylsilyl Substituent on the Reactivity of Permethyltitanocene. <i>Organometallics</i> , 2007 , 26, 3100-3110	3.8	25
55	Ternary Complexes of Zinc(II), Cyclen and Pyridinecarboxylic Acids. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 3974-3987	2.3	18
54	Preparation and Crystal Structures of Low-Valent Zirconocene Complexes Containing Tetramethyl(phenyl)cyclopentadienyl Ligands. <i>Collection of Czechoslovak Chemical Communications</i> , 2007 , 72, 679-696		6
53	Synthesis and structure of isopropyldimethylsilyl-substituted octamethyltitanocene. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 748-758	2.3	9
52	Synthesis and Structural Characterisation of Palladium and Group-12 Metal Complexes with a Hybrid Phosphanylphosphonate Ferrocene Ligand. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 926-938	2.3	34
51	Synthesis and Crystal Structures of Dinuclear Trichloro(tetramethylcyclopentadienyl)titanium Complexes. <i>Collection of Czechoslovak Chemical Communications</i> , 2006 , 71, 164-178		7
50	Butane-1,4-diammonium dihydrogendecavanadate(V). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m1820-m1822		5
49	Butane-1,4-diammonium decavanadate(V) hexahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m2108-m2110		2
48	Unusual addition of but-2-yne to a permethyltitanocene species. <i>Inorganic Chemistry Communication</i> , 2006 , 9, 156-159	3.1	7
47	Effects of substituents in cyclopentadienyltitanium trichlorides on electronic absorption and ^{47,49} Ti NMR spectra and styrene polymerization activated by methylalumoxane. <i>Journal of Molecular Catalysis A</i> , 2006 , 257, 14-25		15
46	Structural variability of copper-1,10-phenanthroline- β -xovanadate hybrid inorganic-organic compounds. <i>Polyhedron</i> , 2006 , 25, 2491-2502	2.7	22
45	Nonclassical Bonding in Titanasilacyclohexadiene Compounds Resulting from Highly Methyl-Substituted TitanoceneBis(trimethylsilyl)ethyne Complexes and Bis((trimethylsilyl)ethynyl)silanes. <i>Organometallics</i> , 2005 , 24, 6094-6103	3.8	19
44	Preparation and Crystal Structure of Bis(tert-butyltetramethylcyclopentadienyl)dichlorotitanium. <i>Collection of Czechoslovak Chemical Communications</i> , 2005 , 70, 1589-1603		10
43	Synthesis and crystal structure of [CuCl(phen) ₂] ₃ H ₃ V ₁₀ O ₂₈ · 7 H ₂ O. <i>Crystal Research and Technology</i> , 2005 , 40, 719-722	1.3	13

42	Non-degenerate 1,2-silyl shift in silyl substituted alkyltrimethylcyclopentadienes. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 731-741	2.3	4
41	Low-Valent Titanocene Products from Attempted Syntheses of Titanocene Bearing Dimethyl(3,3,3-trifluoropropyl)silyl Groups. <i>Collection of Czechoslovak Chemical Communications</i> , 2005 , 70, 11-33		6
40	Titanium and zirconium complexes containing the new 2,3-dimethyl-1,4-diphenylcyclopentadienyl ligand. Synthesis, characterization and polymerization behavior. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 1623-1630	2.3	4
39	Irregular cyclization reactions in titanocenes bearing pendant double bonds. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 1919-1929	2.3	12
38	Trimethylstannyl (diphenylphosphino)acetate: a source of (diphenylphosphino)acetate ligand in the synthesis of coordination compounds. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 3556-3566	2.3	9
37	Synthesis and crystal structure of decamethyltitanocene hydroxide. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 155-159	3.1	28
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33	Synthesis and X-Ray Crystal Structure of Two Novel Complexes: [M II(phen) ₃]2V ₄ O ₁₂ ·2phen·2H ₂ O (M II=Co, Ni; phen=phenanthroline). <i>Monatshefte für Chemie</i> , 2003 , 134, 1071-1079	1.4	9
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30	Activation of the (Trimethylsilyl)tetramethylcyclopentadienyl Ligand in Zirconocene Complexes. <i>Organometallics</i> , 2003 , 22, 861-869	3.8	40
29	Synthesis and Characterization of New Inorganic-Organic Hybrid Materials of the Cu(II)-Phenanthroline-Oxovanadate System. <i>Solid State Phenomena</i> , 2003 , 90-91, 423-426	0.4	2
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25	Solid-state structures of persubstituted titanocene chlorides bridged with long aliphatic ansa-chains. <i>Journal of Organometallic Chemistry</i> , 2002 , 642, 148-155	2.3	9

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23	Synthesis and crystal structures of thermally stable titanocenes. <i>Journal of Organometallic Chemistry</i> , 2002 , 663, 134-144	2.3	41
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21	Reactions of titanocene-bis(trimethylsilyl)ethyne complexes with diethynylsilane derivatives. <i>Journal of Organometallic Chemistry</i> , 2001 , 628, 30-38	2.3	22
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17	Reduction of bis. <i>Chemistry - A European Journal</i> , 2000 , 6, 2397-408	4.8	45
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