

Ilia A Guzei

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#	Paper	IF	Citations
437	Enantioselective bromolactonization of conjugated (Z)-enynes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3664-5	16.4	280
436	Luminescent transition-metal-containing cyclophanes (molecular squares) covalent self-assembly, host-guest studies and preliminary nanoporous materials applications. <i>Coordination Chemistry Reviews</i> , 1998 , 171, 221-243	23.2	276
435	Carbon-Sulfur Bond-Forming Reductive Elimination Involving sp-, sp ² -, and sp ³ -Hybridized Carbon. Mechanism, Steric Effects, and Electronic Effects on Sulfide Formation. <i>Journal of the American Chemical Society</i> , 1998 , 120, 9205-9219	16.4	253
434	Allylic C-H acetoxylation with a 4,5-diazafluorenone-ligated palladium catalyst: a ligand-based strategy to achieve aerobic catalytic turnover. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15116-9	16.4	228
433	Enantioselective photochemistry through Lewis acid-catalyzed triplet energy transfer. <i>Science</i> , 2016 , 354, 1391-1395	33.3	225
432	Synthesis and Structures of Cationic Aluminum and Gallium Amidinate Complexes. <i>Journal of the American Chemical Society</i> , 2000 , 122, 274-289	16.4	203
431	An improved method for the computation of ligand steric effects based on solid angles. <i>Dalton Transactions</i> , 2006 , 3991-9	4.3	197
430	Enhancing the anticancer properties of cardiac glycosides by neoglycorandomization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 12305-10	11.5	194
429	Characterization of peroxo and hydroperoxo intermediates in the aerobic oxidation of N-heterocyclic-carbene-coordinated palladium(0). <i>Journal of the American Chemical Society</i> , 2004 , 126, 10212-3	16.4	186
428	Mechanistic characterization of aerobic alcohol oxidation catalyzed by Pd(OAc) ₂ /pyridine including identification of the catalyst resting state and the origin of nonlinear [catalyst] dependence. <i>Journal of the American Chemical Society</i> , 2004 , 126, 11268-78	16.4	184
427	New polymorphs of ROY and new record for coexisting polymorphs of solved structures. <i>Journal of the American Chemical Society</i> , 2005 , 127, 9881-5	16.4	181
426	Mechanistic Studies of the Palladium-Catalyzed Amination of Aryl Halides and the Oxidative Addition of Aryl Bromides to Pd(BINAP) ₂ and Pd(DPPF) ₂ : An Unusual Case of Zero-Order Kinetic Behavior and Product Inhibition. <i>Journal of the American Chemical Society</i> , 2000 , 122, 4618-4630	16.4	176
425	Synthesis and Characterization of Cross-Bridged Cyclams and Pendant-Armed Derivatives and Structural Studies of Their Copper(II) Complexes. <i>Journal of the American Chemical Society</i> , 2000 , 122, 10561-10572	16.4	175
424	Single-molecule magnets: Jahn-Teller isomerism and the origin of two magnetization relaxation processes in Mn ₁₂ complexes. <i>Inorganic Chemistry</i> , 2001 , 40, 2127-46	5.1	160
423	Extraordinarily robust polyproline type I peptoid helices generated via the incorporation of chiral aromatic N-1-naphthylethyl side chains. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15559-67	16.4	155
422	Photocatalytic Reductive Cyclizations of Enones: Divergent Reactivity of Photogenerated Radical and Radical Anion Intermediates. <i>Chemical Science</i> , 2011 , 2, 2115-2119	9.4	146
421	Pt(Me-Duphos)-Catalyzed Asymmetric Hydrophosphination of Activated Olefins: Enantioselective Synthesis of Chiral Phosphines. <i>Organometallics</i> , 2000 , 19, 950-953	3.8	145

420	n- π interactions of amides and thioamides: implications for protein stability. <i>Journal of the American Chemical Society</i> , 2013 , 135, 7843-6	16.4	142
419	Reaction of molecular oxygen with a PdII-hydride to produce a PdII-hydroperoxide: acid catalysis and implications for Pd-catalyzed aerobic oxidation reactions. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2904-7	16.4	142
418	Synthesis, structure, and evaluation of the effect of multiple stacking on the electron-donor properties of pi-stacked polyfluorenes. <i>Journal of the American Chemical Society</i> , 2003 , 125, 8712-3	16.4	135
417	Aerobic intramolecular oxidative amination of alkenes catalyzed by NHC-coordinated palladium complexes. <i>Organic Letters</i> , 2006 , 8, 2257-60	6.2	130
416	Cationic aluminum alkyl complexes incorporating aminotroponimate ligands. <i>Journal of the American Chemical Society</i> , 2001 , 123, 8291-309	16.4	128
415	"Inverse-electron-demand" ligand substitution in palladium(0)-olefin complexes. <i>Journal of the American Chemical Society</i> , 2003 , 125, 12-3	16.4	127
414	Stereospecific synthesis of conformationally constrained gamma-amino acids: new foldamer building blocks that support helical secondary structure. <i>Journal of the American Chemical Society</i> , 2009 , 131, 16018-20	16.4	126
413	Higher manganese silicide nanowires of Nowotny chimney ladder phase. <i>Journal of the American Chemical Society</i> , 2008 , 130, 16086-94	16.4	122
412	The (Ph) ₂ nacnac Ligand in Organochromium Chemistry. <i>Organometallics</i> , 2002 , 21, 952-960	3.8	120
411	Effect of 3-hydroxyproline residues on collagen stability. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6422-7	16.4	118
410	Generation of rhodium(I) carbenes from ynamides and their reactions with alkynes and alkenes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8201-4	16.4	114
409	Residue requirements for helical folding in short alpha/beta-peptides: crystallographic characterization of the 11-helix in an optimized sequence. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13130-1	16.4	114
408	Enantioselective Excited-State Photoreactions Controlled by a Chiral Hydrogen-Bonding Iridium Sensitizer. <i>Journal of the American Chemical Society</i> , 2017 , 139, 17186-17192	16.4	112
407	Reduction of imines by hydroxycyclopentadienyl ruthenium hydride: intramolecular trapping evidence for hydride and proton transfer outside the coordination sphere of the metal. <i>Journal of the American Chemical Society</i> , 2005 , 127, 14062-71	16.4	112
406	The Weak-Link Approach to the Synthesis of Inorganic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 465-467	16.4	109
405	A new cryptand: synthesis and complexation with paraquat. <i>Organic Letters</i> , 1999 , 1, 1001-4	6.2	108
404	(F(8)TPP)Fe(II)/O(2) reactivity studies [F(8)TPP = tetrakis(2,6-difluorophenyl)porphyrinate(2-)]: spectroscopic (UV-Visible and NMR) and kinetic study of solvent-dependent (Fe/O(2) = 1:1 or 2:1) reversible O(2)-reduction and ferryl formation. <i>Inorganic Chemistry</i> , 2001 , 40, 5754-67	5.1	107
403	Stabilization of the collagen triple helix by O-methylation of hydroxyproline residues. <i>Journal of the American Chemical Society</i> , 2008 , 130, 2952-3	16.4	106

402	Structure and chemistry of 1-silafluorenyl dianion, its derivatives, and an organosilicon diradical dianion. <i>Journal of the American Chemical Society</i> , 2002 , 124, 49-57	16.4	99
401	Surprising Titanium Complexes Bearing η^2 -Pyrazolato Ligands: Synthesis, Structure, and Molecular Orbital Studies. <i>Journal of the American Chemical Society</i> , 1997 , 119, 3387-3388	16.4	98
400	Catalytic synthesis of tricyclic quinoline derivatives from the regioselective hydroamination and C-H bond activation reaction of benzocyclic amines and alkynes. <i>Journal of the American Chemical Society</i> , 2005 , 127, 5782-3	16.4	96
399	Intramolecular trapping of an intermediate in the reduction of imines by a hydroxycyclopentadienyl ruthenium hydride: support for a concerted outer sphere mechanism. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11821-7	16.4	93
398	Characterization of DMSO coordination to palladium(II) in solution and insights into the aerobic oxidation catalyst, Pd(DMSO) ₂ (TFA) ₂ . <i>Inorganic Chemistry</i> , 2012 , 51, 11898-909	5.1	92
397	New helical foldamers: heterogeneous backbones with 1:2 and 2:1 alpha:beta-amino acid residue patterns. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4538-9	16.4	92
396	Single-crystal microplates of two-dimensional organic/inorganic lead halide layered perovskites for optoelectronics. <i>Nano Research</i> , 2017 , 10, 2117-2129	10	89
395	Parallel sheet secondary structure in gamma-peptides. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11077-8	16.4	86
394	A peptoid ribbon secondary structure. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5079-84	16.4	84
393	Helix formation in preorganized beta/gamma-peptide foldamers: hydrogen-bond analogy to the alpha-helix without alpha-amino acid residues. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7868-9	16.4	84
392	Crystallographic characterization of helical secondary structures in alpha/beta-peptides with 1:1 residue alternation. <i>Journal of the American Chemical Society</i> , 2008 , 130, 6544-50	16.4	84
391	(Pyrazol-1-ylmethyl)pyridine Nickel Complexes: Ethylene Oligomerization and Unusual Friedel-Crafts Alkylation Catalysts. <i>Organometallics</i> , 2009 , 28, 2127-2133	3.8	83
390	Synthesis of Pd Complexes Bearing an Enantiomerically-Resolved Seven-Membered N-Heterocyclic Carbene Ligands and Initial Studies of their Use in Asymmetric Wacker-Type Oxidative Cyclization Reactions. <i>Tetrahedron</i> , 2009 , 65, 5084-5092	2.4	81
389	Incorporating Large A Cations into Lead Iodide Perovskite Cages: Relaxed Goldschmidt Tolerance Factor and Impact on Exciton-Phonon Interaction. <i>ACS Central Science</i> , 2019 , 5, 1377-1386	16.8	80
388	Synthesis and isolation of polytrityl cations by utilizing hexaphenylbenzene and tetraphenylmethane scaffolds. <i>Journal of Organic Chemistry</i> , 2004 , 69, 1524-30	4.2	80
387	Development of 7-membered N-heterocyclic carbene ligands for transition metals. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 6143-6155	2.3	78
386	Construction of peptoids with all trans-amide backbones and peptoid reverse turns via the tactical incorporation of N-aryl side chains capable of hydrogen bonding. <i>Journal of Organic Chemistry</i> , 2010 , 75, 6068-78	4.2	76
385	Salicylaldimine Ruthenium Alkylidene Complexes: Metathesis Catalysts Tuned for Protic Solvents. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 395-404	5.6	74

384	Anionic halocuprate(II) complexes as catalysts for the oxaziridine-mediated aminohydroxylation of olefins. <i>Journal of Organic Chemistry</i> , 2009 , 74, 5545-52	4.2	72
383	Oxidation-State-Dependent Reactivity and Catalytic Properties of a Rh(I) Complex Formed from a Redox-Switchable Hemilabile Ligand. <i>Journal of the American Chemical Society</i> , 1997 , 119, 10743-10753	16.4	72
382	Modular functionalization of allenes to aminated stereotriads. <i>Journal of the American Chemical Society</i> , 2012 , 134, 10807-10	16.4	71
381	Chemistry of the aromatic 9-germafluorenyl dianion and some related silicon and carbon species. <i>Journal of the American Chemical Society</i> , 2002 , 124, 12174-81	16.4	71
380	Forazoline A: marine-derived polyketide with antifungal in vivo efficacy. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11583-6	16.4	70
379	Phenyltris((tert-butylthio)methyl)borate: A Second Generation S(3)(-) Ligand That Enforces Tetrahedral Coordination. <i>Inorganic Chemistry</i> , 1998 , 37, 4754-4755	5.1	70
378	Amine-chelated aryllithium reagents--structure and dynamics. <i>Journal of the American Chemical Society</i> , 2001 , 123, 8067-79	16.4	70
377	TiIV-mediated reactions between primary amines and secondary carboxamides: amidine formation versus transamidation. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1776-83	16.4	68
376	Phosphinogold(I) dithiocarbamate complexes: effect of the nature of phosphine ligand on anticancer properties. <i>Inorganic Chemistry</i> , 2014 , 53, 2058-67	5.1	65
375	Enantioselective intermolecular bromoesterification of allylic sulfonamides. <i>Chemical Science</i> , 2013 , 4, 2652	9.4	62
374	Stereochemistry of imine reduction by a hydroxycyclopentadienyl ruthenium hydride. <i>Journal of the American Chemical Society</i> , 2006 , 128, 2286-93	16.4	62
373	Synthesis and evaluation of substituted pyrazoles palladium(II) complexes as ethylene polymerization catalysts. <i>Journal of Organometallic Chemistry</i> , 2002 , 660, 108-115	2.3	62
372	Synthesis and magnetic properties of Gd doped EuS nanocrystals with enhanced Curie temperatures. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15997-6005	16.4	60
371	Chalcogen Atom Transfer to a Metal Nitrido. The First Transition Metal Selenonitrosyl Complex. <i>Journal of the American Chemical Society</i> , 1998 , 120, 6607-6608	16.4	60
370	The aberrance of the 4S diastereomer of 4-hydroxyproline. <i>Journal of the American Chemical Society</i> , 2010 , 132, 10857-65	16.4	59
369	Tantalum Complexes Bearing eta(1)-, eta(2)-, and "Slipped" eta(2)-Pyrazolato Ligands. <i>Inorganic Chemistry</i> , 1997 , 36, 1738-1739	5.1	59
368	New Pnictinogallanes [H2GaE(SiMe3)2]3 (E = P, As) Formation, Structural Characterization, and Thermal Decomposition to Afford Nanocrystalline GaP and GaAs. <i>Journal of the American Chemical Society</i> , 1998 , 120, 532-537	16.4	59
367	Secondary structural preferences of 2,2-disubstituted pyrrolidine-4-carboxylic acid oligomers: beta-peptide foldamers that cannot form internal hydrogen bonds. <i>Journal of the American Chemical Society</i> , 2003 , 125, 9035-7	16.4	58

- 366 Organosoluble copper clusters as precatalysts for carbon-heteroelement bond-forming reactions: microwave and conventional heating. *Journal of Organic Chemistry*, **2005**, 70, 244-50 4.2 57
- 365 The Ansa-Effect in Zirconocene Chemistry: The Syntheses and Interconversions of the Hydride Complexes $\{[\text{Me}_2\text{Si}(\text{C}_5\text{Me}_4)_2\text{Zr}(\text{H})(\text{Et})]\}_2$, $[\text{Me}_2\text{Si}(\text{C}_5\text{Me}_4)_2\text{ZrH}_2(\text{PMe}_3)]$, and $[\text{Me}_2\text{Si}(\text{C}_5\text{Me}_4)_2\text{Zr}(\text{Ph})\text{H}]$. *Journal of the American Chemical Society*, **1998**, 120, 3255-3256 16.4 56
- 364 Crystallographic characterization of the alpha/beta-peptide 14/15-helix. *Journal of the American Chemical Society*, **2007**, 129, 13780-1 16.4 56
- 363 Discovery of a solid solution of enantiomers in a racemate-forming system by seeding. *Journal of the American Chemical Society*, **2006**, 128, 11985-92 16.4 56
- 362 Intermolecular Coupling Reaction of Cyclic Amines and Alkenes Catalyzed by a Ruthenium-Hydride Complex $(\text{PCy}_3)_2(\text{CO})\text{RuHCl}$. *Organometallics*, **2004**, 23, 5392-5395 3.8 56
- 361 Site-Selective Copper-Catalyzed Azidation of Benzylic C-H Bonds. *Journal of the American Chemical Society*, **2020**, 142, 11388-11393 16.4 55
- 360 Bis(3,5-dimethylpyrazole) copper(II) and zinc(II) complexes as efficient initiators for the ring opening polymerization of ϵ -caprolactone and d,l-lactide. *Polyhedron*, **2014**, 69, 55-60 2.7 55
- 359 Substituted 2-azabicyclo[2.1.1]hexanes as constrained proline analogues: implications for collagen stability. *Journal of Organic Chemistry*, **2004**, 69, 8565-73 4.2 54
- 358 Pyrazolyl iron, cobalt, nickel, and palladium complexes: synthesis, molecular structures, and evaluation as ethylene oligomerization catalysts. *Journal of Organometallic Chemistry*, **2011**, 696, 1528-1535 3.5 52
- 357 $\text{Re}_2(\text{CO})_{10}$ -Mediated Carbon-Hydrogen and Carbon-Sulfur Bond Cleavage of Dibenzothiophene and 2,5-Dimethylthiophene. *Organometallics*, **2001**, 20, 1071-1078 3.8 52
- 356 Direct Observation of an Equilibrium between $(\text{C}_4\text{H}_9\text{CH}_2)_2\text{W}(\text{C}_4\text{H}_9)(\text{SiC}_4\text{H}_9\text{Ph}_2)$ and $(\text{C}_4\text{H}_9\text{CH}_2)\text{W}(\text{C}_4\text{H}_9)_2(\text{SiC}_4\text{H}_9\text{Ph}_2)$ and an Unusual Silyl Migration. *Journal of the American Chemical Society*, **1998**, 120, 13519-13520 16.4 52
- 355 A Stereoselective [3+1] Ring Expansion for the Synthesis of Highly Substituted Methylene Azetidines. *Angewandte Chemie - International Edition*, **2017**, 56, 12229-12233 16.4 51
- 354 Polymorphism of Nifedipine: Crystal Structure and Reversible Transition of the Metastable β Polymorph. *Crystal Growth and Design*, **2012**, 12, 2037-2043 3.5 51
- 353 Stabilization of Lithium Borohydride with Nitrogen Donor, Chelating Ligands. Syntheses and Solid State Structures of $[\text{HC}(3,5\text{-Me}_2\text{pz})_3\text{Li}(\text{B}-\text{BH}_4)]$, $\{[\text{H}_2\text{C}(3,5\text{-Me}_2\text{pz})_2\text{Li}(\text{B}-\text{BH}_4)]\}_2$, and $\{[4,4\text{-Me}_2\text{bipy}]\text{Li}(\text{B}-\text{BH}_4)\}_2$ (pz = pyrazolyl, bipy = bipyridyl). *Inorganic Chemistry*, **1997**, 36, 6266-6269 5.1 51
- 352 Reaction of Molecular Oxygen with a Pd(II)-Hydride To Produce a Pd(II)-Hydroperoxide: Acid Catalysis and Implications for Pd-Catalyzed Aerobic Oxidation Reactions. *Angewandte Chemie*, **2006**, 118, 2970-2973 3.6 51
- 351 Synthesis of a calix[4]arene derivative for isolation of a stable cation radical salt for use as a colorimetric sensor of nitric oxide. *Journal of the American Chemical Society*, **2004**, 126, 13582-3 16.4 51
- 350 Titanium(IV)-Mediated Conversion of Carboxamides to Amidines and Implications for Catalytic Transamidation. *Organometallics*, **2005**, 24, 5208-5210 3.8 50
- 349 Reactivity of Cationic Organoaluminum Aminotroponimate Compounds with Unsaturated Substrates. Formation of Dinuclear Dicationic Aluminum Complexes. *Journal of the American Chemical Society*, **1999**, 121, 11605-11606 16.4 50

348	Crystallographic Facet Dependence of the Hydrogen Evolution Reaction on CoPS: Theory and Experiments. <i>ACS Catalysis</i> , 2018 , 8, 1143-1152	13.1	49
347	Transfer Hydrogenation of Carbonyl Compounds Catalyzed by a Ruthenium- α -Acetamido Complex: Evidence for a Stepwise Hydrogen Transfer Mechanism. <i>Organometallics</i> , 2001 , 20, 3641-3643	3.8	49
346	Palladium complexes of multidentate pyrazolylmethyl pyridine ligands: Synthesis, structures and phenylacetylene polymerization. <i>Polyhedron</i> , 2007 , 26, 851-861	2.7	48
345	Synthesis of (R)-Fumagillin. <i>Journal of the American Chemical Society</i> , 1999 , 121, 5589-5590	16.4	48
344	Templated Formation of Binuclear Macrocycles via Hemilabile Ligands. <i>Organometallics</i> , 1999 , 18, 4856-4868	3.8	48
343	Detection of Palladium(I) in Aerobic Oxidation Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3605-3610	16.4	47
342	Interception of a Rautenstrauch Intermediate by Alkynes for [5+2] Cycloaddition: Rhodium-Catalyzed Cycloisomerization of 3-Acyloxy-4-ene-1,9-diyne to Bicyclo[5.3.0]decatrienes. <i>Angewandte Chemie</i> , 2011 , 123, 8303-8306	3.6	47
341	Crystallographic characterization of helical secondary structures in 2:1 and 1:2 alpha/beta-peptides. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2917-24	16.4	47
340	Selective Linear Coupling Reaction of Acetylene and Acrylonitrile Catalyzed by the Well-Defined Metallocyclopentadiene Complex C5Me5(PPh3)(Cl)RuCHCHCH. <i>Organometallics</i> , 1998 , 17, 1257-1259	3.8	47
339	Chemo- and Enantioselective Intramolecular Silver-Catalyzed Aziridinations. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9944-9948	16.4	46
338	Transfer of chirality in the rhodium-catalyzed intramolecular [5+2] cycloaddition of 3-acyloxy-1,4-enynes (ACEs) and alkynes: synthesis of enantioenriched bicyclo[5.3.0]decatrienes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13601-5	16.4	46
337	Halophilic reactions of a stable silylene with chloro and bromocarbons. <i>Journal of the American Chemical Society</i> , 2002 , 124, 4186-7	16.4	46
336	Main-Group-Metal Chlorobenzene Complexes. <i>Organometallics</i> , 2001 , 20, 3367-3369	3.8	44
335	A General Catalyst for Site-Selective C(sp ³)-H Bond Amination of Activated Secondary over Tertiary Alkyl C(sp ³)-H Bonds. <i>Organic Letters</i> , 2016 , 18, 3014-7	6.2	44
334	New preorganized β -amino acids as foldamer building blocks. <i>Organic Letters</i> , 2012 , 14, 2582-5	6.2	43
333	Synthesis, Structure, and Reactivity of Zirconium and Hafnium Imido Metalloporphyrins. <i>Inorganic Chemistry</i> , 1999 , 38, 3814-3824	5.1	43
332	A β -amino acid that favors 12/10-helical secondary structure in β -peptides. <i>Journal of the American Chemical Society</i> , 2014 , 136, 15046-53	16.4	42
331	Formation of disilanes in the reaction of stable silylenes with halocarbons. <i>Journal of the American Chemical Society</i> , 2005 , 127, 14730-8	16.4	42

- 330 Two-Dimensional Lead Halide Perovskites Templated by a Conjugated Asymmetric Diammonium. *Inorganic Chemistry*, **2017**, 56, 14991-14998 5.1 41
- 329 Reactivity of Mitsunobu reagent toward carbonyl compounds. *Organic Letters*, **2005**, 7, 495-8 6.2 41
- 328 P[(S,S,S)-PhHMeCNCH₂CH₂]₃N: A New Chiral 31P and 1H NMR Spectroscopic Reagent for the Direct Determination of ee Values of Chiral Azides. *Journal of Organic Chemistry*, **2000**, 65, 701-706 4.2 41
- 327 Unusual Reactivity of Broton Sponges as a Hydride Donor to Transition Metals: Synthesis and Structural Characterization of Fluoroalkyl(hydrido) Complexes of Iridium(III) and Rhodium(III). *Organometallics*, **2001**, 20, 3190-3197 3.8 41
- 326 Structural Diversity in the Reaction of Mono- and Disubstituted Pyrazoles with Titanium Tetrachloride. Importance of Hydrogen Bonding and Trends in cis/trans Geometry of Binary Adducts with Unidentate Ligands. *Inorganic Chemistry*, **1997**, 36, 4415-4420 5.1 40
- 325 Reaction of the in-Situ-Generated Ruthenium Acetylide Complex C₅Me₅Ru(PPh₃)C≡CPh with Small Molecules. *Organometallics*, **1997**, 16, 3729-3731 3.8 40
- 324 The PPh₃-Substituted Hydroxycyclopentadienyl Ruthenium Hydride [2,5-Ph₂-3,4-Tol₂(η -C₄COH)]Ru(CO)(PPh₃)H Is a More Efficient Catalyst for Hydrogenation of Aldehydes. *Organometallics*, **2006**, 25, 1230-1235 3.8 40
- 323 Facile synthesis of monomeric alumatranes. *Journal of the American Chemical Society*, **2006**, 128, 13727-13734 5.4 40
- 322 Chemistry of coordinated nitroxyl. Reagent-specific protonations of trans-Re(CO)₂(NO)(PR₃)₂ (R = Ph, Cy) that give the neutral nitroxyl complexes cis,trans-ReCl(CO)₂(NH=O)(PR₃)₂ or the cationic hydride complex [trans,trans-ReH(CO)₂(NO)(PPh₃)₂(+)] [SO₃CF₃(-)]. *Inorganic Chemistry*, **2001**, 40, 6039-46 5.1 40
- 321 A Study of the Complexation of Bis(m-Phenylene) Crown Ethers and Secondary Ammonium Ions. *Journal of Organic Chemistry*, **1998**, 63, 7634-7639 4.2 40
- 320 Rhodium-catalyzed carbonylation of cyclopropyl substituted propargyl esters: a tandem 1,3-acyloxy migration [5 + 1] cycloaddition. *Journal of Organic Chemistry*, **2012**, 77, 6463-72 4.2 39
- 319 Reaction of Ta(NMe₂)₅ with O₂: formation of aminoxy and unusual (aminomethyl)amide oxo complexes and theoretical studies of the mechanistic pathways. *Journal of the American Chemical Society*, **2007**, 129, 14408-21 16.4 39
- 318 PPh₃-Substituted [2,5-Ph₂-3,4-Tol₂(η -C₄COH)]Ru(CO)(PPh₃)H Exhibits Slower Stoichiometric Reduction, Faster Catalytic Hydrogenation, and Higher Chemoselectivity for Hydrogenation of Aldehydes over Ketones Than the Dicarboxyl Shvo Catalyst. *Organometallics*, **2006**, 25, 1236-1244 3.8 39
- 317 Characterisation of nanoscopic [Mn₁₂O₁₂(O₂CR)₁₆(H₂O)₄] single-molecule magnets: physicochemical properties and LDI- and MALDI-TOF mass spectrometry. *Journal of Materials Chemistry*, **2002**, 12, 1152-1161 39
- 316 A marine microbiome antifungal targets urgent-threat drug-resistant fungi. *Science*, **2020**, 370, 974-978 33.3 39
- 315 Heteroleptic Nickel Complexes for the Markovnikov-Selective Hydroboration of Styrenes. *Organometallics*, **2016**, 35, 3436-3439 3.8 39
- 314 Reductive Elimination from Metal Phosphonate Complexes: Circumvention of Competing Protonolysis Reactions. *Organometallics*, **2004**, 23, 647-656 3.8 38
- 313 Benzenedicarbonyl and benzenetricarbonyl linker pyrazolyl complexes of palladium(II): synthesis, X-ray structures and evaluation as ethylene polymerisation catalysts. *Dalton Transactions*, **2003**, 715-722 4.3 38

312	Direct Observation of P(O)C Bond Formation from (N?N)PdMe(P(O)(OPh) ₂) Complexes. Rate Enhancement of Reductive Elimination by Addition of Triarylphosphines. <i>Organometallics</i> , 2002 , 21, 3278-3284	3.8	38
311	Syntheses and solid state structures of tris(pyrazolyl)methane complexes of sodium, potassium, calcium, and strontium: comparison of structures with analogous complexes of lead(II). <i>Inorganic Chemistry</i> , 2002 , 41, 19-27	5.1	38
310	Cationic Indium Alkyl Complexes Incorporating Aminotroponimate Ligands. <i>Organometallics</i> , 2002 , 21, 1167-1176	3.8	38
309	Heterocumulene Metathesis of Pb[N(SiMe ₃) ₂] ₂ . High-Yield Syntheses of the Heteroleptic Dimer {Pb[N(SiMe ₃) ₂ (OSiMe ₃)] ₂ and the Novel Lead(II) Oxo Cluster Pb ₇ (β-O)(β-O)(OSiMe ₃) ₁₀ . <i>Organometallics</i> , 1998 , 17, 498-500	3.8	38
308	Inclusion of Polymers within the Crystal Structure of Tris(o-phenylenedioxy)cyclotriphosphazene. <i>Chemistry of Materials</i> , 1999 , 11, 1243-1252	9.6	38
307	Heterogeneous H-bonding in a foldamer helix. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6484-6487	7.4	37
306	Structurally Diverse Diazafluorene-Ligated Palladium(II) Complexes and Their Implications for Aerobic Oxidation Reactions. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4869-80	16.4	37
305	Carbonyl imines from oxaziridines: generation and cycloaddition of N-O=C dipoles. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 930-4	16.4	37
304	Crystallographic characterization of 12-helical secondary structure in peptides containing side chain groups. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13879-85	16.4	36
303	Zirconium, hafnium, and tantalum amide silyl complexes: their preparation and conversion to metallaheterocyclic complexes via gamma-hydrogen abstraction by silyl ligands. <i>Inorganic Chemistry</i> , 2004 , 43, 7111-9	5.1	36
302	Protonated Aminocyclopentadienyl Ruthenium Hydride Reduction of Benzaldehyde and the Conversion of the Resulting Ruthenium Triflate to a Ruthenium Hydride with H ₂ and Base. <i>Organometallics</i> , 2002 , 21, 5038-5046	3.8	36
301	General Synthesis of Racemic Me ₂ Si-Bridged Bis(indenyl) Zirconocene Complexes. <i>Journal of the American Chemical Society</i> , 2000 , 122, 8093-8094	16.4	36
300	Unique "cradled barbell" complex between a secondary diammonium ion and bis(m-phenylene)-32-crown-10. <i>Organic Letters</i> , 1999 , 1, 47-50	6.2	36
299	A general strategy for diversifying complex natural products to polycyclic scaffolds with medium-sized rings. <i>Nature Communications</i> , 2019 , 10, 4015	17.4	35
298	Ethylene polymerization catalyzed by substituted pyrazole nickel complexes. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 1835-1842	2.3	35
297	Pyridine linker pyrazolyl palladium complexes: Synthesis, characterization and ethylene polymerization activity. <i>Journal of Molecular Catalysis A</i> , 2005 , 241, 93-100		35
296	1,4-Diazaspiro[2.2]pentanes as a flexible platform for the synthesis of diamine-bearing stereotriads. <i>Journal of Organic Chemistry</i> , 2012 , 77, 2446-55	4.2	34
295	Macrocyclic hydroperoxocobalt(III) complex: photochemistry, spectroscopy, and crystal structure. <i>Inorganic Chemistry</i> , 2001 , 40, 2390-3	5.1	34

- 294 Structural Diversity in the Solid-State Structures of the Rubidium and Cesium Salts of 2,6-Dimesitylphenylphosphane. *Angewandte Chemie - International Edition*, **1998**, 37, 1404-1407 16.4 33
- 293 Molecular Structures of the Heavier Alkali Metal Salts of Supermesitylphosphane: A Systematic Investigation. *Inorganic Chemistry*, **1998**, 37, 4235-4245 5.1 33
- 292 A Tungsten Silyl Alkylidyne Complex and Its Bis(alkylidene) Tautomer. Their Interconversion and an Unusual Silyl Migration in Their Reaction with Dioxide. *Organometallics*, **2005**, 24, 1214-1224 3.8 33
- 291 Highly Cooperative Tetrametallic Ruthenium- μ -Oxo- μ -Hydroxo Catalyst for the Alcohol Oxidation Reaction. *Organometallics*, **2006**, 25, 1047-1051 3.8 33
- 290 PhCH=P[MeNCH(2)CH(2)](3)N: a novel ylide for quantitative E selectivity in the Wittig reaction. *Journal of Organic Chemistry*, **2001**, 66, 3521-4 4.2 33
- 289 Transition Metal Complexes of Chromium, Molybdenum, Tungsten, and Manganese Containing η^5 (S)-2,5-Dimethylthiophene, Benzothiophene, and Dibenzothiophene Ligands. *Organometallics*, **1999**, 18, 4075-4081 3.8 33
- 288 Synthesis, Characterization, and Variable-Temperature NMR Studies of Silver(I) Complexes for Selective Nitrene Transfer. *Inorganic Chemistry*, **2017**, 56, 6725-6733 5.1 32
- 287 Solution structures of lithium enolates of cyclopentanone, cyclohexanone, acetophenones, and benzyl ketones. Triple ions and higher lithiate complexes. *Journal of the American Chemical Society*, **2009**, 131, 11525-34 16.4 32
- 286 Reactions of the Dinuclear Ruthenium Complex $\{[(\eta^5\text{-C}_5\text{H}_3)_2(\text{SiMe}_2)_2]\text{Ru}_2(\text{CO})_4$, Featuring a Doubly Linked Dicyclopentadienyl Ligand. *Organometallics*, **2002**, 21, 617-627 3.8 32
- 285 Synthesis of a silene from 1,1-dilithiosilole and 2-adamantanone. *Journal of the American Chemical Society*, **2004**, 126, 5336-7 16.4 31
- 284 Bidentate aryldichalcogenide complexes of [(diphosphino)ferrocene]palladium(II) and [(diphosphino)ferrocene]platinum(II). Synthesis, molecular structures and electrochemistry. *Polyhedron*, **2001**, 20, 3189-3200 2.7 31
- 283 Amine Attack on the Carbonyl Ligands of the Protonated Dicyclopentadienyl-Bridged Diruthenium Complex $[\{[(\eta^5\text{-C}_5\text{H}_3)_2(\text{SiMe}_2)_2]\text{Ru}_2(\text{CO})_4(\text{H})\}]^+$. *Organometallics*, **2001**, 20, 691-696 3.8 31
- 282 Quasiracemic crystallization as a tool to assess the accommodation of noncanonical residues in nativelike protein conformations. *Journal of the American Chemical Society*, **2012**, 134, 2473-6 16.4 30
- 281 Novel Macrocyclic by Friedel-Crafts Acylation Cyclization. *Macromolecules*, **1997**, 30, 2516-2518 5.5 30
- 280 Coordination Chemistry of Homoscorpionate Ligands with 3-Cyclopropyl Substituents. *Inorganic Chemistry*, **1997**, 36, 6261-6265 5.1 30
- 279 Reactions of Stable Silylenes with Organic Azides. *Organometallics*, **2005**, 24, 3346-3349 3.8 30
- 278 Reaction of the Cyclic Thionylphosphazene NSOCl[NPCL₂]₂ with Halide Abstraction Agents: An Ambient Temperature Ring-Opening Polymerization (ROP) Route to Poly(thionylphosphazenes). *Journal of the American Chemical Society*, **2000**, 122, 8848-8855 16.4 30
- 277 Silver-Catalyzed Enantioselective Propargylic C-H Bond Amination through Rational Ligand Design. *Journal of the American Chemical Society*, **2020**, 142, 12930-12936 16.4 30

276	Micromonohalimanes A and B: Antibacterial Halimane-Type Diterpenoids from a Marine Micromonospora Species. <i>Journal of Natural Products</i> , 2016 , 79, 2968-2972	4.9	29
275	Ring Expansion of Bicyclic Methyleneaziridines via Concerted, Near-Barrierless [2,3]-Stevens Rearrangements of Aziridinium Ylides. <i>ACS Catalysis</i> , 2018 , 8, 7907-7914	13.1	29
274	Pentacoordinate spirosilicate anion, bis(2,2'-biphenyldiyl)methylsilicate, synthesized by the lithium cleavage of dimethoxyethane. <i>Silicon Chemistry</i> , 2002 , 1, 55-58		29
273	Re(2)(CO)(10)-promoted S-binding, C-S bond cleavage, and hydrogenation of benzothiophenes: organometallic models for the hydrodesulfurization of thiophenes. <i>Journal of the American Chemical Society</i> , 2002 , 124, 1689-97	16.4	29
272	Reactions of halofluorocarbons with group 6 complexes M(C(5)H(5))(2)L (M = Mo, W; L = C(2)H(4), CO). Fluoroalkylation at molybdenum and tungsten, and at cyclopentadienyl or ethylene ligands. <i>Journal of the American Chemical Society</i> , 2001 , 123, 3279-88	16.4	29
271	Platinum(0) Complexes of Chiral Diphosphines: Enantioface-Selective Binding of trans-Stilbene. <i>Organometallics</i> , 1998 , 17, 1412-1419	3.8	29
270	Pyrazolylimine iron and cobalt, and pyrazolylamine nickel complexes: Synthesis and evaluation of nickel complexes as ethylene oligomerization catalysts. <i>Polyhedron</i> , 2013 , 53, 295-303	2.7	28
269	Synthesis and Photophysical Properties of Asymmetric Substituted Silafluorenes. <i>Organometallics</i> , 2013 , 32, 2529-2535	3.8	28
268	(Pyrazolylmethyl)pyridine platinum(II) and gold(III) complexes: Synthesis, structures and evaluation as anticancer agents. <i>Inorganica Chimica Acta</i> , 2009 , 362, 3314-3324	2.7	28
267	Diacid linkers that promote parallel beta-sheet secondary structure in water. <i>Journal of the American Chemical Society</i> , 2008 , 130, 7839-41	16.4	28
266	Alkylated trimethylene-bridged bis(p-phenylenediamines). <i>Journal of the American Chemical Society</i> , 2008 , 130, 11620-2	16.4	28
265	Synthesis and characterization of dimetallic oxorhenium(V) and dioxorhenium(VII) compounds, and a study of stoichiometric and catalytic reactions. <i>Inorganic Chemistry</i> , 2002 , 41, 2583-91	5.1	28
264	Hydrofunctionalization of alkenes promoted by diruthenium complexes $[[(\eta^5\text{-C}_5\text{H}_3)(2)(\text{SiMe}_2)(2)]\text{Ru}(2)(\text{CO})(3)(\eta^2\text{-CH}_2=\text{CH-R})(\mu\text{-H})](+)$ featuring a kinetically inert proton on a metal-metal bond. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11494-5	16.4	28
263	Tetra-chloro-(bis-(3,5-dimethylpyrazolyl)methane)gold(III) chloride: An HIV-1 reverse transcriptase and protease inhibitor. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 190-4	4.2	27
262	Oxaziridine-Mediated Oxyamination of Indoles: An Approach to 3-Aminoindoles and Enantiomerically Enriched 3-Aminopyrroloindolines. <i>Angewandte Chemie</i> , 2010 , 122, 9339-9343	3.6	27
261	Hydrogen atom and hydride transfer in the reactions of chromium(IV) and chromium(V) complexes with rhodium hydrides. Crystal structure of a superoxorhodium(III) product. <i>Inorganic Chemistry</i> , 2000 , 39, 736-40	5.1	27
260	Transfer of Chirality in the Rhodium-Catalyzed Intramolecular [5+2] Cycloaddition of 3-Acyloxy-1,4-enynes (ACEs) and Alkynes: Synthesis of Enantioenriched Bicyclo[5.3.0]decatrienes. <i>Angewandte Chemie</i> , 2013 , 125, 13846-13850	3.6	26
259	Structure and dynamics of β -aryl amide and ketone enolates: THF, PMDTA, TMTAN, HMPA, and crypt-solvated lithium enolates, and comparison with phosphazanium analogues. <i>Journal of Organic Chemistry</i> , 2010 , 75, 6163-72	4.2	26

- 258 Bis(pyrazole)- and bis(pyrazolyl)-palladium complexes as phenylacetylene polymerization catalysts. *Polyhedron*, **2008**, 27, 1017-1023 2.7 26
- 257 Equilibrium between η^2 -(*o*-Ethynylbenzoyl)rhenium Complexes and Rhenium Isobenzofuryl Carbene Complexes and Subsequent Reactions of Isobenzofuryl Carbene Complexes. *Organometallics*, **2004**, 23, 4121-4130 3.8 26
- 256 Formation Enthalpies and Polymorphs of Nicotinamide- α -Mandelic Acid Co-Crystals. *Crystal Growth and Design*, **2012**, 12, 4090-4097 3.5 25
- 255 Remarkable tolerance of ethynyl steroids to air and water in microwave-assisted hydrophosphinylation: Reaction scope and limitations. *Journal of Organometallic Chemistry*, **2006**, 691, 4042-4053 2.3 25
- 254 Atom transfer reactions of (TTP)Ti(η^2 -2-3-hexyne): synthesis and molecular structure of trans-(TTP)Ti[OP(Oct)₃]₂. *Inorganic Chemistry*, **2001**, 40, 499-506 5.1 25
- 253 Synthesis, Structure, and Reactivity of Novel Dithiolato(oxo)rhenium(V) Complexes. *Inorganic Chemistry*, **1999**, 38, 1040-1041 5.1 25
- 252 12/10-Helical α -Peptide with Dynamic Folding Propensity: Coexistence of Right- and Left-Handed Helices in an Enantiomeric Foldamer. *Journal of the American Chemical Society*, **2016**, 138, 13390-13395 16.4 24
- 251 Divergent Reactivity of Rhodium(I) Carbenes Derived from Indole Annulations. *Angewandte Chemie - International Edition*, **2015**, 54, 12905-8 16.4 24
- 250 Platinum(II) and gold(I) complexes based on 1,1'-bis(diphenylphosphino)metallocene derivatives: Synthesis, characterization and biological activity of the gold complexes. *Journal of Organometallic Chemistry*, **2012**, 720, 52-59 2.3 24
- 249 Chemistry of Boratophosphazenes: Synthesis of Borazine-Phosphazene Hybrid Cations, and New Inorganic Heterocycles by Skeletal Substitution Reactions. *Chemistry - A European Journal*, **1998**, 4, 1489-1503 4.8 24
- 248 Solution structure and chelation properties of 2-thienyllithium reagents. *Journal of Organic Chemistry*, **2005**, 70, 7520-9 4.2 24
- 247 Organometallic Complexes Containing 17-Ethynyl-17 β -hydroxyandrost-4-en-3-one and Related Ethynyl Steroids. *Organometallics*, **2006**, 25, 2475-2485 3.8 24
- 246 Synthesis of Cyclic cis-Enediyne from Manganese Carbyne Complexes and α -Dienes. *Organometallics*, **2003**, 22, 3915-3920 3.8 24
- 245 Synthesis and identification of 2,5-bis-(4-hydroxy-3-methoxyphenyl)-tetrahydrofuran-3,4-dicarboxylic acid, an unanticipated ferulate 8-8-coupling product acylating cereal plant cell walls. *Organic and Biomolecular Chemistry*, **2008**, 4, 2881-6 3.9 23
- 244 The Surprising Reactions of 1,3-Di-tert-butyl-2,2-dichloro-1,3-diaza-2-germa-4-cyclopentene. *Organometallics*, **2006**, 25, 2709-2711 3.8 23
- 243 Tungsten Alkyl Alkylidyne and Bis-alkylidene Complexes. Preparation and Kinetic and Thermodynamic Studies of Their Unusual Exchanges. *Organometallics*, **2006**, 25, 427-434 3.8 23
- 242 Metal Control of the Reaction Site in Reactions of $[(\eta^5\text{-C}_5\text{H}_3)_2(\text{SiMe}_2)_2]\text{M}_2(\text{CO})_4(\text{H})^+$ (M = Fe, Ru, Os) with Nucleophilic Amines. *Organometallics*, **2002**, 21, 3292-3296 3.8 23
- 241 Synthesis of a clathrochelate complex with an appended pyridine and its coordination to a cobaloxime complex. *Inorganic Chemistry*, **2000**, 39, 5161-3 5.1 23

240	Synthesis and Crystal Structure of Tris(9,10-phenanthrenedioxy)cyclotriphosphazene. A New Clathration System. <i>Chemistry of Materials</i> , 2000 , 12, 2530-2536	9.6	23
239	Addition and metathesis reactions of zirconium and hafnium imido complexes. <i>Inorganic Chemistry</i> , 2000 , 39, 2344-51	5.1	23
238	Synthesis and characterization of siloxy, aminoxy, and oxo complexes from the reaction of a tantalum amide silyl complex with oxygen. <i>Inorganic Chemistry</i> , 2009 , 48, 3073-9	5.1	22
237	Solution and Solid-State Structures of Lithiated Phenyloxazolines. <i>Organometallics</i> , 2006 , 25, 5390-5395	3.8	22
236	Evaluation of a cyclopentane-based amino acid for the ability to promote a peptide secondary structure. <i>Journal of Organic Chemistry</i> , 2013 , 78, 12351-61	4.2	21
235	Structural Characterization of Peptide Oligomers Containing (1R,2S)-2-Aminocyclohexanecarboxylic Acid (cis-ACHC). <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 3464-3469	3.2	21
234	Synthesis of Ruthenium Boryl Analogues of the Shvo Metal-Ligand Bifunctional Catalyst. <i>Organometallics</i> , 2010 , 29, 3896-3900	3.8	21
233	Redox-induced transformation from an extended to a pi-stacked conformer in acyclic bis(catecholacetal)s of acetylacetone. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2771-2774	16.4	21
232	Synthesis, structure, and characterization of lanthanide complexes bearing 1,3-diphenyltriazenido ligands. <i>Journal of Organometallic Chemistry</i> , 1999 , 588, 167-175	2.3	21
231	Two Routes to Bis(Ediphenylphosphino)methane Diplatinum Halides Bridged by Sulfur Monoxide. <i>Organometallics</i> , 1999 , 18, 5420-5422	3.8	21
230	A New Host for Polymer and Small-Molecule Clathration. <i>Chemistry of Materials</i> , 1999 , 11, 2478-2485	9.6	21
229	An idealized molecular geometry library for refinement of poorly behaved molecular fragments with constraints. <i>Journal of Applied Crystallography</i> , 2014 , 47, 806-809	3.8	20
228	Forazoline A: Marine-Derived Polyketide with Antifungal In Vivo Efficacy. <i>Angewandte Chemie</i> , 2014 , 126, 11767-11770	3.6	20
227	Does Crystal Density Control Fast Surface Crystal Growth in Glasses? A Study with Polymorphs. <i>Crystal Growth and Design</i> , 2011 , 11, 3979-3984	3.5	20
226	(Pyrazol-1-ylmethyl)pyridine palladium complexes: Synthesis, molecular structures, and activation of small molecules. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 1393-1399	2.3	20
225	Poly(pyrazol-1-ylmethyl)benzene Palladium Complexes: Synthesis, Characterisation and Evaluation as Heck Coupling Catalysts. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007 , 62, 323-330	1	20
224	Insertion of sulfur dioxide into metal-carbon bonds of chloro(methyl)palladium complexes. <i>Polyhedron</i> , 2003 , 22, 805-810	2.7	20
223	Syntheses and oxidation of methyloxorhenium(V) complexes with tridentate ligands. <i>Inorganic Chemistry</i> , 2003 , 42, 2362-7	5.1	20

222	Novel reactivity of SeO ₂ with 1,3-dienes: selenophene formation. <i>Journal of Organic Chemistry</i> , 2002 , 67, 6553-6	4.2	20
221	Aziridine synthesis by coupling amines and alkenes via an electrogenerated dication. <i>Nature</i> , 2021 , 596, 74-79	50.4	20
220	Site-Selective and Stereoselective α -Alkylation of Glycosides by Rh(II)-Catalyzed Carbenoid Insertion. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19902-19910	16.4	20
219	Solution and solid-state studies of doubly trimethylene-bridged tetraalkyl <i>p</i> -phenylenediamine diradical dication conformations. <i>Journal of the American Chemical Society</i> , 2010 , 132, 6176-82	16.4	19
218	Synthesis and characterization of titanium and zirconium complexes bearing diphenyltriazenido ligands. <i>Polyhedron</i> , 1997 , 16, 4017-4022	2.7	19
217	Dependence of the mutual ligand arrangement in guanidinate complexes of lanthanoids on the ligand solid angles. <i>Journal of Coordination Chemistry</i> , 2007 , 60, 937-944	1.6	19
216	Synthesis, structure, and catalytic reactivity of N,N,S- and O,N,S-tridentate oxorhenium(V) complexes. <i>Inorganic Chemistry</i> , 2001 , 40, 2437-8	5.1	19
215	An asymmetric synthesis of L-pyrrolysine. <i>Organic Letters</i> , 2012 , 14, 1378-81	6.2	18
214	Intramolecular π -stacking interactions of bridged bis- <i>p</i> -phenylenediamine radical cations and diradical dications: charge-transfer versus spin-coupling. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 6860-3	16.4	18
213	Selective conversion of an ethylene to an ethylidene ligand in reactions of a hydrido(ethylene) complex of tantalum with iodofluorocarbons. Molecular structure of [Ta(η^5 -C ₅ H ₅) ₂ (η^1 -C ₂ H ₄)]. <i>Polyhedron</i> , 1998 , 17, 1037-1043	2.7	18
212	Hydrogenation and carbon-sulfur bond hydrogenolysis of benzothiophene promoted by Re ₂ (CO) ₁₀ and H ₄ Re ₄ (CO) ₁₂ . <i>Inorganic Chemistry</i> , 2003 , 42, 2191-3	5.1	18
211	Reactions of the protonated dinuclear ruthenium complex [[η^5 -C(5)H(3)] ₂ (SiMe ₂) ₂]Ru ₂ (CO) ₄ (μ -H)] ⁺ with nucleophiles. <i>Inorganic Chemistry</i> , 2001 , 40, 7014-9	5.1	18
210	Ferrimagnetic Behavior of meso-Tetrakis(2,3,5,6-tetrafluoro-4-methoxyphenyl)porphyrinatomanganese(III) tetracyanoethenide, [MnTF ₄ OMePP][tcne]·2 PhMe: Structural Evidence for a Second-Order Crystallographic Phase Transition. <i>Chemistry - A European Journal</i> , 1999 , 5, 1874-1881	4.8	18
209	Modular synthesis of alkyne-substituted ruthenium polypyridyl complexes suitable for "click" coupling. <i>Inorganic Chemistry</i> , 2013 , 52, 2796-8	5.1	17
208	Vinyl-addition polymerization of norbornene catalyzed by (pyrazol-1-ylmethyl)pyridine divalent iron, cobalt and nickel complexes. <i>Polyhedron</i> , 2011 , 30, 2878-2883	2.7	17
207	Furoyl and thiophene carbonyl linker pyrazolyl palladium(II) complexes: Synthesis, characterization, and evaluation as ethylene oligomerization catalysts. <i>Canadian Journal of Chemistry</i> , 2005 , 83, 843-853	0.9	17
206	Synthesis and theoretical analysis of the structures and bonding in five new neutral square planar bis[2,4-di(aryl)-1,3,5-triazapentadienato]nickel(II) complexes. <i>Inorganica Chimica Acta</i> , 2006 , 359, 1169-1176	2.7	17
205	Pd(II) Complexes Possessing a Seven-Membered N-Heterocyclic Carbene Ligand. <i>Angewandte Chemie</i> , 2005 , 117, 5403-5406	3.6	17

204	Tantalum-Mediated Oxidative Coupling of C ₂ B ₉ H ₁₁ 2- Ligands. Synthesis and Characterization of $\{(\text{H})(\text{C}_2\text{B}_9\text{H}_{10})_2\}\text{TaCl}_2$. <i>Organometallics</i> , 2000 , 19, 4858-4861	3.8	17
203	Bis(pyrazolyl) palladium(II), platinum(II) and gold(III) complexes: Syntheses, molecular structures and substitution reactions with l-cysteine. <i>Inorganica Chimica Acta</i> , 2009 , 362, 2595-2602	2.7	16
202	N-bridged and H-bridged aminoalanes: Single-crystal X-ray structure determinations for the planar dimer $\{[(\text{Me}_3\text{Si})_2\text{N}]_2\text{Al}(\text{H})\}_2$ and the puckered four-membered ring compound $(\text{Me}_3\text{Si})_2\text{N}(\text{Me}_2\text{N})\text{Al}(\text{NMe}_2)_2\text{Al}(\text{H})\text{N}(\text{SiMe}_3)_2$. <i>Polyhedron</i> , 1998 , 17, 4101-4108	2.7	16
201	Asymmetric Synthesis of Stannanes and Silanes via Reaction of Chiral Imidazolidinone Carbene Complexes with Group 14 Hydrides. <i>Organometallics</i> , 1998 , 17, 3696-3700	3.8	16
200	Polymorphism of Piroxicam: New Polymorphs by Melt Crystallization and Crystal Structure Prediction. <i>Crystal Growth and Design</i> , 2020 , 20, 7874-7881	3.5	16
199	Helical secondary structures in 2:1 and 1:2 β -peptide foldamers. <i>Tetrahedron</i> , 2012 , 68, 4413-4417	2.4	15
198	Characteristic Structural Parameters for the β -Peptide 14-Helix: Importance of Subunit Preorganization. <i>Angewandte Chemie</i> , 2011 , 123, 5965-5968	3.6	15
197	Intramolecular 1,4-addition of nitrogen nucleophile and bromine electrophile to conjugated 1,3-enyne. <i>Tetrahedron</i> , 2011 , 67, 4385-4390	2.4	15
196	Diazoketones Undergo Reaction with a Cobalt Alkyne Complex To Give Highly Functionalized Conjugated Dienes. <i>Organometallics</i> , 1997 , 16, 5589-5591	3.8	15
195	Synthesis, characterization and bromination of bis(phosphinoferrocenyl) gold(I) compounds. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 701-708	2.3	15
194	Crystallographic and theoretical studies of $(\text{C}_5\text{Me}_5)\text{Ru}(2,4\text{-dimethyl-C}_5\text{-pentadienyl})$ and $[(\text{C}_5\text{Me}_5)\text{Rh}(2,4\text{-dimethyl-C}_5\text{-pentadienyl})][\text{BF}_4]$. <i>Inorganica Chimica Acta</i> , 2006 , 359, 701-706	2.7	15
193	An investigation of Staudinger reactions involving cis-1,3,5-triazidocyclohexane and tri(alkylamino)phosphines. <i>Inorganic Chemistry</i> , 2004 , 43, 7431-40	5.1	15
192	Unusual equilibria involving group 4 amides, silyl complexes, and silyl anions via ligand exchange reactions. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4472-3	16.4	15
191	Synthesis, Structure, and Properties of Zirconium and Hafnium Complexes Containing η^2 -Pyrazolato Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 3955-3961	2.3	15
190	Structural isomers of aryl-substituted η^3 -propargyl complexes: $\eta^2(2)$ -1-Metalla(methylene)cyclopropene and η^3 -benzyl complexes. <i>Journal of the American Chemical Society</i> , 2002 , 124, 13215-21	16.4	15
189	Helical folding of β -peptides containing β -amino acids with an eight-membered ring constraint. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 2641-4	3.9	14
188	Aminodiols via stereocontrolled oxidation of methyleneaziridines. <i>Organic Letters</i> , 2014 , 16, 1696-9	6.2	14
187	Ethylene and Styrene Carbon Monoxide Copolymerization Catalyzed by Pyrazolyl Palladium(II) Complexes. <i>Organometallics</i> , 2013 , 32, 980-988	3.8	14

- 186 Monotrimethylene-bridged bis-p-phenylenediamine radical cations and dications: spin states, conformations, and dynamics. *Journal of Physical Chemistry A*, **2013**, 117, 1439-48 2.8 14
- 185 Synthesis and X-ray Crystal Structure Determination of the First Lanthanide Complexes Containing Primary Phosphide Ligands: Ln[P(H)Mes*]2(thf)4 (Ln = Yb, Eu). *Inorganic Chemistry*, **1997**, 36, 4914-4915 5.1 14
- 184 Parallel Sheet Secondary Structure in β -Peptides. *Angewandte Chemie*, **2003**, 115, 2504-2507 3.6 14
- 183 An Unusual Cyclopentaannulation Reaction: Thermolysis of an Unsaturated Fischer Carbene Complex Anchored on a Fe2(CO)6(Se)2Core. *Organometallics*, **1998**, 17, 770-772 3.8 14
- 182 Effect of axial ligands on the spectroscopic and electrochemical properties of diruthenium compounds. *Inorganic Chemistry*, **2014**, 53, 7416-28 5.1 13
- 181 Synthesis of highly fluorescent diquinaldinatoaluminum silole derivatives. *Chemistry - A European Journal*, **2013**, 19, 8742-5 4.8 13
- 180 A Peptoid Ribbon Secondary Structure. *Angewandte Chemie*, **2013**, 125, 5183-5188 3.6 13
- 179 Thallium(I) Selectively Abstracts Fluoride from a Tertiary Carbon-Fluorine Bond under Conditions Where Silver(I) Selectively Abstracts Iodide from Rhodium. *Journal of the American Chemical Society*, **1997**, 119, 10231-10232 16.4 13
- 178 Improved synthesis of (η -CpR)M(CO)4 compounds and the Nujol matrix photochemistry of (η -C5H5)M(CO)4 and (η -C9H7)M(CO)4, where M=Nb and Ta. *Journal of Organometallic Chemistry*, **1998**, 557, 77-92 2.3 13
- 177 Kinetics and mechanism of the monomerization of a Re(V) dithiolato dimer with monodentate ligands. Electronic and steric effects. *Inorganic Chemistry*, **2000**, 39, 1311-9 5.1 13
- 176 Conversion of a Metallacyclobutene to Cobalt-Allene Complexes. *Journal of the American Chemical Society*, **1998**, 120, 1100-1101 16.4 13
- 175 Syntheses and structures of Group 1 mellitate compounds, K6[C6(COO)6] \cdot 8H2O and Cs5[C6(COO)6H] \cdot 7H2O. *Inorganica Chimica Acta*, **1999**, 286, 207-214 2.7 13
- 174 Synthesis and Structural Characterization of Novel Terminal and Bridging Re(V)-Sulfido Complexes. *Inorganic Chemistry*, **1999**, 38, 3266-3267 5.1 13
- 173 Monomerization of a Rhenium(V) Dimer by Ligation. *Inorganic Chemistry*, **1999**, 38, 3762-3763 5.1 13
- 172 Intermolecular [3+3] ring expansion of aziridines to dehydropiperidines through the intermediacy of aziridinium ylides. *Nature Communications*, **2020**, 11, 1273 17.4 12
- 171 Evaluation of β -Amino Acid Replacements in Protein Loops: Effects on Conformational Stability and Structure. *ChemBioChem*, **2018**, 19, 604-612 3.8 12
- 170 Stereocontrolled Synthesis of 1,3-Diamino-2-ols by Aminohydroxylation of Bicyclic Methylene-Aziridines. *European Journal of Organic Chemistry*, **2013**, 2013, 3667-3670 3.2 12
- 169 Preparation, crystal structure, and unusually facile redox chemistry of a macrocyclic nitrosylrhodium complex. *Inorganic Chemistry*, **2010**, 49, 7182-7 5.1 12

168	Anticancer Activities of bis(pyrazol-1-ylthiocarbonyl)disulfides against HeLa cells. <i>Journal of Chemical Research</i> , 2009 , 2009, 322-325	0.6	12
167	Silyl-substituted alkylidenes: preparation of the novel complexes and mechanistic studies of their formation from reactions of alkylidenes with silanes and silyl-to-alkylidyne migration. <i>Journal of Molecular Catalysis A</i> , 2002 , 190, 101-108		12
166	Novel Coordination in the First Tellurium Porphyrin Complex: Synthesis and Crystal Structure of [Te(ttp)Cl(2)] This work was supported in part by the Research Corporation. ttp=meso-tetra-p-tolylporphyrin.. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 4743-4745	16.4	12
165	Acidic C≡N Activation of Methyltrioxorhenium(VII): Isolation and Characterization of Two Compounds Having the Novel Group C ₅ H ₅ N≡CH ₂ ReO ₂ Coordinated to Tin(IV). <i>Organometallics</i> , 2000 , 19, 5257-5259	3.8	12
164	Cathodically Promoted Addition of Nitromethane to Aldehydes and Exploratory Studies of the Mechanism of the Electrochemical Reduction of the Nitroolefins so Produced. <i>Journal of the Electrochemical Society</i> , 1998 , 145, 2768-2774	3.9	12
163	A Mechanism for Reversible Solid-State Transitions Involving Nitro Torsion. <i>Chemistry of Materials</i> , 2020 , 32, 7754-7765	9.6	12
162	Rhodium-Catalyzed Stereoselective Intramolecular [5 + 2] Cycloaddition of 3-Acyloxy 1,4-Enyne and Alkene. <i>Organic Letters</i> , 2015 , 17, 5128-31	6.2	11
161	Catalytic Behavior of Mono-N-Protected Amino-Acid Ligands in Ligand-Accelerated C-H Activation by Palladium(II). <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10873-10877	16.4	11
160	Isolation and characterization of [Fe ₂ (CO) ₆ Se ₂ {[Cr(CO) ₃ (C≡C(H)(CH ₂ Ph)(Ph)(OEt))]}, [(CO) ₆ Fe ₂ {E(C(Ph)C(E)C(H)(OEt))}] ₂ and [(CO) ₆ Fe ₂ {E(C(H)(Ph)C(Te)C(H)(OEt))}] from the thermolysis of Fischer carbene adducts [(CO) ₆ Fe ₂ EE{[C(Ph)C(E)(OEt)Cr(CO) ₅]}] (E, E'=Se and E=S, E'=Te). <i>Journal of Organometallic Chemistry</i> , 1998 , 566, 159-164	2.3	11
159	Synthesis, structure, and characterization of molybdenum(VI) imido complexes with N-salicylidene-2-aminophenol. <i>Inorganic Chemistry</i> , 2006 , 45, 5455-64	5.1	11
158	Cyclopentadienylnickel thiolate complexes: synthesis, molecular structures and electrochemical detection of sulfur dioxide adducts. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 387-394	2.3	11
157	Elaborate Network of Hydrolysis and Methanolysis Reactions Involving the 2,5-Dimethylthiophene Ligand in Cp*Ir(η ⁵ -2,5-Me ₂ T) ₂ ⁺ . <i>Organometallics</i> , 2004 , 23, 1274-1283	3.8	11
156	Synthesis and characterization of (hfac)In(CH ₃) ₂ : a volatile compound useful for CVD of indium and indium-containing materials. <i>Inorganic Chemistry</i> , 2000 , 39, 2008-10	5.1	11
155	Influence of Donor Solvents on the Molecular Structure of KP(tBu)Ph. <i>Main Group Chemistry</i> , 1998 , 2, 221-228	0.6	11
154	[Ta ₆ Cl ₁₂ (PrCN) ₆][Ta ₆ Cl ₁₂ Cl ₆] ₂ PrCN, A Compound with Homonuclear Mixed-Charge Cluster Units [Ta ₆ Cl ₁₂] ₂ ⁺ and [Ta ₆ Cl ₁₂] ₄ ⁺ . <i>Inorganic Chemistry</i> , 1999 , 38, 4159-4162	5.1	11
153	Disentangling Second Harmonic Generation from Multiphoton Photoluminescence in Halide Perovskites using Multidimensional Harmonic Generation. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 6551-6559	6.4	11
152	Structure-activity studies of divin: an inhibitor of bacterial cell division. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 880-885	4.3	10
151	A Stereoselective [3+1] Ring Expansion for the Synthesis of Highly Substituted Methylene Azetidines. <i>Angewandte Chemie</i> , 2017 , 129, 12397-12401	3.6	10

150	Versatile Chemistry of Butadienesulfinate Salts with (Cp* <i>RuCl</i>) ₄ : Tetrameric, Allylsulfene, and Ion-Pair Ruthenium Compounds. <i>Organometallics</i> , 2010 , 29, 3694-3708	3.8	10
149	O-capped heteroadamantyl-substituted hydrazines and their oxidation products. <i>Journal of Organic Chemistry</i> , 2010 , 75, 2445-52	4.2	10
148	Non-valent interactions and structural features of monomeric guanidinate complexes of rare earth metals: analyses and predictions based on the ligand solid angle. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 1678-1688	1.6	10
147	Ligand displacement and oxidation reactions of methyl(oxo)rhenium(V) complexes. <i>Inorganic Chemistry</i> , 2004 , 43, 3854-62	5.1	10
146	Why magnesium is five-coordinate in methanol(phthalocyaninato)magnesium(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005 , 61, m472-5		10
145	Fluorinated Amine Stereotriads via Allene Amination. <i>Organic Letters</i> , 2017 , 19, 3239-3242	6.2	9
144	Telescoped synthesis of C3-functionalized (E)-arylamidines using Ugi-Mumm and regiospecific quinazolinone rearrangements. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3118-3128	3.9	9
143	Ring-shaped silafluorene derivatives as efficient solid-state UV-fluorophores: synthesis, characterization, and photoluminescent properties. <i>Chemistry - A European Journal</i> , 2014 , 20, 14040-50	4.8	9
142	Structural, spectroscopic, and computational characterization of the azide adduct of Fe(III)(2,6-diacetylpyridinebis(semioxamazide)), a functional analogue of iron superoxide dismutase. <i>Inorganic Chemistry</i> , 2013 , 52, 8909-18	5.1	9
141	Synthesis and Photophysical Properties of Two Strongly Fluorescent Bis(diquinaldinatoaluminio)-9-silafluorenes. <i>Organometallics</i> , 2013 , 32, 6871-6874	3.8	9
140	Chemo- and Enantioselective Intramolecular Silver-Catalyzed Aziridinations. <i>Angewandte Chemie</i> , 2017 , 129, 10076-10080	3.6	9
139	Pyramidalization of a carbonyl C atom in (2S)-N-(seleno-acet-yl)proline methyl ester. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o805-6		9
138	Structural Characterization of α -Peptides having Alternating Residues: X-ray Structures of the 11/9-Helix from Crystals of Racemic Mixtures. <i>Angewandte Chemie</i> , 2013 , 125, 12796-12799	3.6	9
137	Crystallographic characterization of N-oxide tripod amphiphiles. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1953-9	16.4	9
136	Analysis of the supramolecular structures of Sb(III) and Sb(V) catecholates complexes from the viewpoint of ligand solid angles. <i>Structural Chemistry</i> , 2009 , 20, 643-654	1.8	9
135	Constructor graph description of the hydrogen-bonding supramolecular assembly in two ionic compounds: 2-(pyrazol-1-yl)ethylammonium chloride and diaquadichloridobis(2-hydroxyethylammonium)cobalt(II) dichloride. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, m89-96		9
134	Comparisons of phosphorus ligation properties in P(CH ₂ NR) ₃ P. <i>Inorganic Chemistry</i> , 2007 , 46, 9351-63	5.1	9
133	Amide-silyl ligand exchanges and equilibria among group 4 amide and silyl complexes. <i>Inorganic Chemistry</i> , 2007 , 46, 8071-8	5.1	9

132	Low-temperature enantiotropic k2 phase transition in the ionic 222-cryptand complex with LiClO4. <i>Acta Crystallographica Section B: Structural Science</i> , 2007 , 63, 93-100		9
131	A Stable, Highly Fluorescent Vinylogous β -Diketonate Silicon Complex. <i>Organometallics</i> , 2007 , 26, 1306-1307		9
130	Unconjugated diimine palladium complexes as Heck coupling catalysts. <i>Journal of Molecular Catalysis A</i> , 2008 , 285, 72-78		9
129	Syntheses and structures of rhenium(IV) and rhenium(V) complexes with ethanedithiolato ligands. <i>Inorganic Chemistry</i> , 2000 , 39, 3572-6	5.1	9
128	Chiral Brønsted acid-controlled intermolecular asymmetric [2 + 2] photocycloadditions. <i>Nature Communications</i> , 2021 , 12, 5735	17.4	9
127	Detection of Palladium(I) in Aerobic Oxidation Catalysis. <i>Angewandte Chemie</i> , 2017 , 129, 3659-3664	3.6	8
126	Electron Paramagnetic Resonance Spectroscopy as a Probe of Hydrogen Bonding in Heme-Thiolate Proteins. <i>Inorganic Chemistry</i> , 2019 , 58, 16011-16027	5.1	8
125	Concomitant Twinning and Polymorphism of Ti(C5H4tBu)2Cl2. <i>Crystal Growth and Design</i> , 2009 , 9, 2287-2292	3.5	8
124	Polymorphism and History of 2-Dimethylsufuranylidene-1,3-indanedione (YLID). <i>Crystal Growth and Design</i> , 2008 , 8, 2411-2418	3.5	8
123	Silylene and Germylene Intermediates in the Reactions of Silole and Germole Dianions with N,N'-Di-tert-butylethylenediimine. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 2344-2349	2.3	8
122	Insulator-metal transition in BaCo0.9Ni0.1S2. <i>Physical Review B</i> , 2000 , 62, 12792-12799	3.3	8
121	Hydrolysis, hydrosulfidolysis, and aminolysis of imido(methyl)rhenium complexes. <i>Inorganic Chemistry</i> , 2000 , 39, 4107-12	5.1	8
120	Synthesis and molecular structure of (TTP)Ti(1,2-eta 2-PhC identical to C-C identical to CPh). <i>Inorganic Chemistry</i> , 2000 , 39, 3715-7	5.1	8
119	Structural and Mechanistic Studies of Oxo-Transfer Reactions of Bis(arylimido)oxorhenium(VII). <i>Organometallics</i> , 2001 , 20, 148-156	3.8	8
118	Synthesis and Structural Features of the Gallium Phosphonate Cluster tBu7Ga3P3O8(OH). <i>Organometallics</i> , 1998 , 17, 5209-5211	3.8	8
117	General Preparation of Cyclopentadienyl Molybdenum Dicarboxylate-2-Alkylidene Cyclobutanonyl Complexes. <i>Organometallics</i> , 1999 , 18, 1824-1826	3.8	8
116	Silicon in a Negatively Charged Shell: Anions of Spirosilabifluorene. <i>Organometallics</i> , 2013 , 32, 3760-3768	3.8	7
115	Oxidation products of doubly trimethylene-bridged tetrabenzyl p-phenylenediamine paracyclophane. <i>Journal of Organic Chemistry</i> , 2013 , 78, 11373-81	4.2	7

114	An investigation of Cu(II) and Ni(II)-catalysed hydrolysis of (di)imines. <i>Inorganica Chimica Acta</i> , 2010 , 363, 3102-3112	2.7	7
113	Pseudosymmetry in pyridinium tetrachloro(oxo)pyridineniobate(V) pyridine solvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002 , 58, m141-3		7
112	Synthesis of 1,4-disilacyclohexa-2,5-dienes. <i>Journal of Organometallic Chemistry</i> , 2002 , 649, 276-288	2.3	7
111	Monomeric versus dimeric arrangement in the solid-state structures of pyridine adducts of lithium derivatives of two primary phosphanes. <i>Inorganica Chimica Acta</i> , 2001 , 315, 254-257	2.7	7
110	Investigation of ligand steric effect on the hydrogen gas produced via a nickel-catalyzed dehydrogenation of ammonia-borane utilizing unsymmetrical triazolylidene ligands. <i>Polyhedron</i> , 2016 , 114, 415-421	2.7	7
109	Solubilities and Glass Formation in Aqueous Solutions of the Sodium Salts of Malonic Acid With and Without Ammonium Sulfate. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 3827-34	2.8	6
108	Detailed example of the identification and crystallographic analysis of a pseudo-merohedrally twinned crystal. <i>Acta Crystallographica Section B: Structural Science</i> , 2012 , 68, 150-7		6
107	N-heterocyclic dithiocarbamate platinum(II) complexes: Unexpected transformation of dithiocarbamate to oxodithiocarbonate in phosphinoplatinum complexes in solution. <i>Inorganic Chemistry Communication</i> , 2013 , 27, 60-63	3.1	6
106	(Pyrazol-1-yl)carbonyl palladium complexes as catalysts for ethylene polymerization reaction. <i>Journal of Organometallic Chemistry</i> , 2013 , 724, 95-101	2.3	6
105	Divergent Reactivity of Rhodium(I) Carbenes Derived from Indole Annulations. <i>Angewandte Chemie</i> , 2015 , 127, 13097-13100	3.6	6
104	Sixty-Year Saga (1952-2013) of the Solid-State Structure of Triiron Dodecacarbonyl. <i>Journal of Cluster Science</i> , 2014 , 25, 205-224	3	6
103	Stereoselective halocyclization of alkenes with N-acyl hemiaminal nucleophiles. <i>Chirality</i> , 2013 , 25, 805-811	2.1	6
102	Photochemical charge separation within aromatic hydrazines and the effect of excited-state intervalence in dihydrazines. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 10854-61	2.8	6
101	Copper(II) methoxide: direct solventothermal synthesis and X-ray crystal structure. <i>Polyhedron</i> , 2002 , 21, 2017-2020	2.7	6
100	Cathodically Promoted Addition of Nitroalkanes to Ferrocenecarboxaldehyde. <i>Journal of the Electrochemical Society</i> , 1999 , 146, 1492-1495	3.9	6
99	Homogeneous Catalytic Oxidation of Unactivated Primary and Secondary Alcohols Employing a Versatile Helmet-Phthalocyaninato Iron Complex Catalyst Without Added Organic Solvent. <i>ChemistrySelect</i> , 2016 , 1, 5182-5186	1.8	6
98	Polymorphism of dinitro[tris(2-aminoethyl)amine]cobalt(III) chloride. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015 , 71, 695-700	0.8	5
97	Celebrating the International Year of Crystallography with a Wisconsin High School Crystal Growing Competition. <i>Journal of Chemical Education</i> , 2014 , 91, 2013-2017	2.4	5

96	Synthesis, crystal structures, and characterization of 4,5-diaza-9-[4,5-bis(methylthio)-1,3-dithiol-2-ylidene]-fluorene (L) metal complexes [(TPyA)MII(L)](SbF ₆) ₂ (MII=Mn, Fe, Co; TPyA=tris(2-pyridylmethyl)amine). <i>Inorganica Chimica Acta</i> , 2015 , 427, 162-167	2.7	5
95	Single-crystal X-ray studies of five alkali metal salts of luminol. <i>Journal of Coordination Chemistry</i> , 2013 , 66, 3722-3739	1.6	5
94	Intramolecular π -Stacking Interactions of Bridged Bis-p-Phenylenediamine Radical Cations and Diradical Dications: Charge-Transfer versus Spin-Coupling. <i>Angewandte Chemie</i> , 2011 , 123, 6992-6995	3.6	5
93	Polymorphism of 5-(pyridin-2-ylmethylene)-3-phenyl-2-methylthio-3,5-dihydro-4H-imidazole-4-one. <i>CrystEngComm</i> , 2011 , 13, 3444	3.3	5
92	Pseudomorphedrally twinned monoclinic structure of unfolded 'free' nonactin: comparative analysis of its large conformational change upon encapsulation of alkali metal ions. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009 , 65, o521-4		5
91	Intramolecular exchange of coordinated and dangling phosphines in pentacarbonyl group 6 complexes of 1,1,2-tris(diphenylphosphino)ethane. <i>Inorganica Chimica Acta</i> , 2010 , 364, 176-184	2.7	5
90	Bis(3,5-dimethylpyrazol-1-yl)alkanones and their reactivity with [PdCl ₂ (NCMe) ₂]: Isolation of bis(3,5-dimethylpyrazol-1-yl)propan-1-one palladium(II) chloride and C-H activation of propanone linker. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 123-126	3.1	5
89	Unexpected synthesis of a naphthylsilole. <i>Silicon Chemistry</i> , 2007 , 3, 239-242		5
88	Kinetic and mechanistic studies of sulfur transfer from imidomethylrhenium sulfides. <i>Inorganic Chemistry</i> , 2002 , 41, 4780-7	5.1	5
87	Annulation With and Without CO-Insertion: Striking a Balance in Reactivity of Chromium Carbene Complexes with Chalcogen-Stabilized Iron Cluster Appendage. <i>Tetrahedron</i> , 2000 , 56, 4995-5000	2.4	5
86	Rhodocenium Complexes Bearing the 1,2,3-Tri-tert-butylcyclopentadienyl Ligand: Redox-Promoted Synthesis and Mechanistic, Structural and Computational Investigations. <i>Organometallics</i> , 1998 , 17, 1716-1724	3.8	5
85	MS-Derived Isotopic Fine Structure Reveals Forazoline A as a Thioketone-Containing Marine-Derived Natural Product. <i>Organic Letters</i> , 2020 , 22, 1275-1279	6.2	4
84	Formation of π -Ruthenium-Substituted Enones from Propargyl Alcohols <i>Organometallics</i> , 2010 , 29, 4829-4836	3.8	4
83	Solvent-Free Synthesis of 3,5-Di-Tert-Butylpyrazole and 3,5-Di-Substituted-Butylpyrazol-1-Ylethanol. <i>Journal of Chemical Research</i> , 2012 , 36, 474-477	0.6	4
82	Constructor graph description of hydrogen bonding in a supramolecular assembly of (3,5-dimethyl-1H-pyrazol-4-ylmethyl)isopropylammonium chloride monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007 , 63, o481-3		4
81	An unusual reaction of 1,1-dithio-2,3,4,5-tetraphenyl-1-silacyclopentadiene with diphenylcyclopropanone: synthesis of 1,4-Bis(trimethylsiloxy)-2,3,5,6-tetraphenylbenzene. <i>Silicon Chemistry</i> , 2006 , 3, 75-78		4
80	The correct space group of NaPF ₆ x H ₂ O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003 , 59, i95-6		4
79	Trapping evidence for the thermal cyclization of di-(o-acetylphenyl)acetylene to 3,3'-dimethyl-1,1'-biisobenzofuran. <i>Beilstein Journal of Organic Chemistry</i> , 2005 , 1, 18	2.5	4

78	Preparation, Properties, and Reactions of Five-Coordinate Re(VII) Dioxo and Diimido Complexes. <i>Organometallics</i> , 2002 , 21, 5576-5582	3.8	4
77	Synthesis and structural characterization of Group 14 complexes containing two {9-[2-(dimethylamino)ethyl]fluorenyl} ligands and a unique coupling product. <i>Journal of Organometallic Chemistry</i> , 2000 , 596, 70-76	2.3	4
76	Oligomerization of N-Heterocyclic Silylene into Zwitterionic Silenes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13465-13469	16.4	3
75	Polymorphs of the antiviral drug ganciclovir. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017 , 73, 1116-1120	0.8	3
74	(1,4,7,10-Tetra-oxacyclo-dodeca-ne)(trideuteroacetonitrile)lithium perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m440-1		3
73	2-[2-(Trimethyl-silyl)eth-yl]isoindoline-1,3-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o223-4		3
72	2-[[4-Methoxy-phen-yl]dimethyl-silyl]meth-yl]isoindoline-1,3-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o219-20		3
71	Bruker SMART X2S Benchtop System: A Means To Making X-ray Crystallography More Mainstream in the Undergraduate Laboratory. <i>Journal of Chemical Education</i> , 2010 , 87, 1257-1259	2.4	3
70	(η -Piperazine-1,4-dicarbodithio-ato- δ , δ , δ)bis-[bis-(triphenyl-phos-phane- η)gold(I)] chloro-form disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1629-30		3
69	1,4-Bis(4-bromo-2,6-diisopropyl-phen-yl)-1,4-diaza-buta-1,3-diene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o40-1		3
68	(η 1,4,7,10-Tetra-oxacyclo-dodeca-ne)bis-[(1,4,7,10-tetra-oxacyclo-dodeca-ne)lithium] bis-(perchlorate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m438-9		3
67	Intramolecular hydrogen bonding in dichloridobis(3,5-di-tert-butyl-1H-pyrazole- η 2)cobalt(II) as a consequence of ligand steric bulk. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, m336-8		3
66	[Bis(trimethylsilyl)amido-kappaN]{tert-butyl[(E)-2-(tert-butylimino)ethyl]amido-kappa(2)N,N'}tin(II), a key intermediate in the synthesis of 1,3-di-tert-butyl-2,3-dihydro-1H-1,3,2-diazastannole. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006 , 62, m90-2		3
65	2-[3-(Methyl-diphenyl-silyl)prop-yl]isoindoline-1,3-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o221-2		3
64	Crystal structures of a manganese(I) and a rhenium(I) complex of a bi-pyridine ligand with a non-coordinating benzoic acid moiety. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 731-736	0.7	3
63	Divergent 2-Chloroquinazolin-4(3H)-one Rearrangement: Twisted-Cyclic Guanidine Formation or Ring-Fused N-Acylguanidines via a Domino Process. <i>Chemistry - A European Journal</i> , 2020 , 26, 2486-2492 ^{4.8}		3
62	Ring opening polymerization of d,l-lactide and ϵ -caprolactone catalysed by (pyrazol-1-yl)copper(ii) carboxylate complexes.. <i>RSC Advances</i> , 2021 , 11, 13475-13485	3.7	3
61	Cooperative Stereoinduction in Asymmetric Photocatalysis.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	3

60	Catalytic Behavior of Mono-N-Protected Amino-Acid Ligands in Ligand-Accelerated C ₃ H ₈ Activation by Palladium(II). <i>Angewandte Chemie</i> , 2020 , 132, 10965-10969	3.6	2
59	Synthesis, structure, and characterization of molybdenum(VI) imido complexes with N-salicylidene-2-aminothiophenol. <i>Polyhedron</i> , 2018 , 146, 26-34	2.7	2
58	A chiral diamine: practical implications of a three-stereoisomer cocrystallization. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 54-61	0.8	2
57	An Enantiotropic Disorder-Partial Order Solid-State Transformation in a Molecular Solid Involving a Phase with Z' = 12. <i>Crystal Growth and Design</i> , 2017 , 17, 5984-5993	3.5	2
56	Positional and compositional disorder in a ruthenium(II) piano-stool complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013 , 69, 847-50		2
55	Stabilization of gold(III) with bis(pyrazol-1-yl)amine. <i>Inorganic Chemistry Communication</i> , 2011 , 14, 1706-1710	3.7	2
54	{Bis[2-(3,5-dimethyl-pyrazol-1-yl)ethyl]amine}chloridopalladium(II) chloride 0.25-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m1243		2
53	Interesting Reactivity in the Thermolysis and Photolysis of 2,3-Diphenyl-1-naphthol. <i>Journal of Chemical Crystallography</i> , 2009 , 39, 399-406	0.5	2
52	5',11'-Dihydro-dispiro-[cyclo-hexane-1,6'-indolo[3,2-b]carbazole-12',1''-cyclo-hexane]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1-2		2
51	Unexpected crystallization of 1,3-bis(4-fluorophenyl)propan-2-one in paratone oil. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o4094-o4094		2
50	Positional disorder manifested as compositional in a pseudo-C ₂ -symmetrical Pd complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008 , 64, m114-6		2
49	Crystallographic Characterization of the Geometry Changes upon Electron Loss from 2-tert-Butyl-3-aryl-2,3-diazabicyclo[2.2.2]octanes. <i>Crystal Growth and Design</i> , 2005 , 5, 2344-2347	3.5	2
48	(eta ⁶ -Biphenyl)tricarbonylchromium and mu-(eta ⁶ :eta ⁶)-biphenyl-bis(tricarbonylchromium). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004 , 60, m615-7		2
47	Diethylammonium 5-phenyltetrazolate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002 , 58, o937-o939		2
46	Kinetics and mechanisms of the ligand substitution of (C ₅ H ₇)M(CO) ₄ , where M=Nb or Ta, and a reinvestigation of the kinetics of (C ₅ H ₅)M(CO) ₄ . Molecular structure of (C ₅ H ₅)Nb(Co) ₃ [P(C ₆ H ₅) ₃]. <i>Journal of Organometallic Chemistry</i> , 2000 , 605, 168-173	2.3	2
45	A New Cryptand: Synthesis and Complexation with Paraquat. <i>Organic Letters</i> , 2000 , 2, 417	6.2	2
44	Structure of Ru(acac) ₂ (ethoxide)(ethanol)½ trans-stilbene: Intermediate species linked by hydrogen bonds. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 399-402	0.5	2
43	Tunable Aziridinium Ylide Reactivity: Non-covalent Interactions Enable Divergent Product Outcomes.. <i>ACS Catalysis</i> , 2022 , 12, 1572-1580	13.1	2

42	(3,5-Dimethyl-pyrazol-1-yl)[5-(3,5-dimethyl-pyrazol-1-ylcarbon-yl)-2-thien-yl]methanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2743		2
41	2-Meth-oxy-3,4-diphenyl-phenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o72		2
40	Millimeter-Wave Spectroscopy, X-ray Crystal Structure, and Quantum Chemical Studies of Diketene: Resolving Ambiguities Concerning the Structure of the Ketene Dimer. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 7753-7763	2.8	2
39	Diastereoselective, Multicomponent Synthesis of Pyrrolopyrazinoquinazolinones via a Tandem Quinazolinone Rearrangement/Intramolecular Ring Closure of Tautomeric ()-Benzamidines. <i>Organic Letters</i> , 2021 , 23, 5799-5803	6.2	2
38	Probing Catalyst Speciation in Pd-MPAAM-Catalyzed Enantioselective C(sp ³) ₃ Arylation: Catalyst Improvement via Destabilization of Off-Cycle Species. <i>ACS Catalysis</i> , 2021 , 11, 11040-11048	13.1	2
37	Crystal Packing-induced Dimorphism of 12/10-Helical β -Peptides with Dynamic Folding Propensity. <i>Bulletin of the Korean Chemical Society</i> , 2018 , 39, 265-268	1.2	1
36	Synthesis, structure and chemistry of dinuclear and trinuclear hexamethylbenzene ruthenium acyl thiolate compounds. <i>Journal of Organometallic Chemistry</i> , 2016 , 801, 171-182	2.3	1
35	Electronic effects on the structures and catalytic properties of (pyrazol-1-yl)phenylmethanone palladium(II) complexes. <i>Journal of Organometallic Chemistry</i> , 2017 , 848, 159-165	2.3	1
34	Intricacies of ligand coordination in tricarbonylchromium(0) complexes with ortho- and para-fluorobiphenyls. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017 , 73, 638-644	0.8	1
33	Crystal structure of nitrido[5,10,15,20-tetra-kis(4-methylphenyl)-porphyrinato]-manganese(V). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, 242-5		1
32	Bis(2-hydroxy-ethaniminium) tetra-chloridopalladate(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, m1551-2		1
31	N,N'-Dineopentyl-naphthalene-1,8-diamine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 66, o42-3		1
30	Dichlorido[2-(3,5-dimethyl-1H-pyrazol-1-yl)ethanamine]zinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1627-8		1
29	Ethyl 3-ferrocenyl-1-(pyridin-2-ylmethyl)-1H-pyrazole-5-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m35-6		1
28	1,2-Bis[(3,5-diphenyl-1H-pyrazol-1-yl)methyl]benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o2584		1
27	Two polymorphs of chlorido(cyclohexyldiphenylphosphine)gold(I). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010 , 66, m55-7		1
26	Constructor graph description of hydrogen bonding in a supramolecular assembly of N,N'-bis(2-hydroxy-1-methylethyl)phthalamide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007 , 63, o255-8		1
25	N-[(Aminocarbonyl)[(S)-4-nitrobenzyl]methyl]-N-[(R)-cyclohexyl](cyclohexylaminocarbonyl)methyl]propanamide methanol solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o1892-o1894		1

24	3,5-Dimethyl-1-(triphenylmethyl)-1H-pyrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o2997-o2997		1
23	A long Nb=O double bond in bis(pyridinium) tetrachlorooxo(pyridine-kappaN)niobate(V) chloride. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006 , 62, m369-71		1
22	Solid state structure of 4,4,6,6-tetraphenylcyclohex-2-en-1-one. <i>Journal of Chemical Crystallography</i> , 2004 , 34, 181-184	0.5	1
21	A comparison of the ring conformational properties of two derivatives prepared from the same diene diacetate precursor. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003 , 59, o721-3		1
20	Redox-Induced Transformation from an Extended to a π -Stacked Conformer in Acyclic Bis(catecholacetal)s of Acetylacetone. <i>Angewandte Chemie</i> , 2005 , 117, 2831-2834	3.6	1
19	Conformational studies of 1-4-bis(3,5-di-tert-butylpyrazolyl-1-carbonyl)benzene. <i>Journal of Chemical Crystallography</i> , 2005 , 35, 197-202	0.5	1
18	Dichlorobis[2-(3,5-dimethylpyrazolyl-1-carbonyl)furan]palladium(II) bis[aquatris(pentafluorophenyl)boron] dihydrate dichloromethane disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, m1492-m1494		1
17	Bis(p-chlorothiophenolato)bis(tri-n-butylphosphine)nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001 , 57, m568-m569		1
16	(4,7,13,16,21,24-Hexaoxa-1,10-diaza-bicyclo-[8.8.8]hexa-cosa-ne)sodium perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, m1381-2		1
15	Synthesis and unusual photochemistry of a highly reactive pyrimidinedione. <i>Mendeleev Communications</i> , 2018 , 28, 501-502	1.9	1
14	Structural diversity in copper(I) iodide complexes with 6-thioxopiperidin-2-one, piperidine-2,6-di-thione and isoindoline-1,3-di-thione ligands. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1336-1344	0.7	0
13	Pyrazolyl-based zinc(II) carboxylate complexes: synthesis, characterization and catalytic behaviour in ring opening polymerization of ϵ -caprolactone and D,L-lactide. <i>Results in Chemistry</i> , 2022 , 4, 100261	2.1	0
12	Hybrid Synthetic and Computational Study of an Optimized, Solvent-Free Approach to Curcuminoids.. <i>ACS Omega</i> , 2022 , 7, 7257-7277	3.9	0
11	Deciphering composition and connectivity of a natural product with the assistance of MS and 2D NMR. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017 , 73, 994-1002	0.8	
10	Z/E-Isomerism of 3-[4-(dimethylamino)phenyl]-2-(2,4,6-tribromophenyl)acrylonitrile: crystal structures and secondary intermolecular interactions. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 69-74	0.8	
9	2-(3-Bromo-4-methoxyphenyl)acetic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1555-6		
8	{1,2-Bis[(3,5-dimethyl-1H-pyrazol-1-yl)methyl]benzene}-dichloridozinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, m1715-6		
7	2-[(3,5-Diphenyl-1H-pyrazol-1-yl)methyl]pyridine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o1190		

- 6 (3,5-Di-tert-butyl-2-eth-oxy-benzyl-idene)[2-(3,5-di-tert-butyl-1H-pyrazol-1-yl)eth-yl]amine. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o2515-6
- 5 N-[1-(Pentafluorophenyl)ethyl]acetamide. *Acta Crystallographica Section C: Crystal Structure Communications*, **2006**, 62, o286-8
- 4 Diphenyl (3,3-diphenoxycyclohexyl)phosphonate. *Acta Crystallographica Section E: Structure Reports Online*, **2003**, 59, o129-o131
- 3 Oligomerization of N-Heterocyclic Silylene into Zwitterionic Silenes. *Angewandte Chemie*, **2016**, 128, 13663-13667 3.6
- 2 Ab initio X-ray structural characterization of an inclusion compound with a compositionally disordered chiral guest: no prior knowledge of the crystal composition. *Acta Crystallographica Section C, Structural Chemistry*, **2016**, 72, 179-83 0.8
- 1 Helical Structures of Nylon-Like Oligomers Consisting of 1,2-Diamine and 1,2-Dicarboxylic Acid Building Blocks Containing a Five-Membered Ring Constraint. *ChemPlusChem*, **2021**, 86, 1069-1073 2.8