

Ilia A Guzei

List of Publications by Year in descending order

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12328

69
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26610

107
g-index

446
all docs

446
docs citations

446
times ranked

15399
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective Bromolactonization of Conjugated (<i>Z</i>)-Enynes. <i>Journal of the American Chemical Society</i> , 2010, 132, 3664-3665.	13.7	321
2	Luminescent transition-metal-containing cyclophanes (macromolecular squares): covalent self-assembly, host-guest studies and preliminary nanoporous materials applications. <i>Coordination Chemistry Reviews</i> , 1998, 171, 221-243.	18.8	313
3	Enantioselective photochemistry through Lewis acid-catalyzed triplet energy transfer. <i>Science</i> , 2016, 354, 1391-1395.	12.6	311
4	Carbon-Sulfur Bond-Forming Reductive Elimination Involving <i>sp</i> ² , <i>sp</i> ² , and <i>sp</i> ³ -Hybridized Carbon. Mechanism, Steric Effects, and Electronic Effects on Sulfide Formation. <i>Journal of the American Chemical Society</i> , 1998, 120, 9205-9219.	13.7	280
5	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, 15116-15119.	13.7	249
6	An improved method for the computation of ligand steric effects based on solid angles. <i>Dalton Transactions</i> , 2006, , 3991.	3.3	231
7	Synthesis and Structures of Cationic Aluminum and Gallium Amidinate Complexes. <i>Journal of the American Chemical Society</i> , 2000, 122, 274-289.	13.7	228
8	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, 12305-12310.	7.1	215
9	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.	13.7	210
10	New Polymorphs of ROY and New Record for Coexisting Polymorphs of Solved Structures. <i>Journal of the American Chemical Society</i> , 2005, 127, 9881-9885.	13.7	204
11	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.	13.7	198
12	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, 11268-11278.	13.7	195
13	Characterization of Peroxo and Hydroperoxo Intermediates in the Aerobic Oxidation of <i>N</i> -Heterocyclic-Carbene-Coordinated Palladium(0). <i>Journal of the American Chemical Society</i> , 2004, 126, 10212-10213.	13.7	194
14	Extraordinarily Robust Polyproline Type I Peptoid Helices Generated via the Incorporation of \pm -Chiral Aromatic <i>N</i> -1-Naphthylethyl Side Chains. <i>Journal of the American Chemical Society</i> , 2011, 133, 15559-15567.	13.7	185
15	Pt(Me-Duphos)-Catalyzed Asymmetric Hydrophosphination of Activated Olefins: Enantioselective Synthesis of Chiral Phosphines. <i>Organometallics</i> , 2000, 19, 950-953.	2.3	176
16	π - π^* Interactions of Amides and Thioamides: Implications for Protein Stability. <i>Journal of the American Chemical Society</i> , 2013, 135, 7843-7846.	13.7	175
17	Photocatalytic reductive cyclizations of enones: Divergent reactivity of photogenerated radical and radical anion intermediates. <i>Chemical Science</i> , 2011, 2, 2115.	7.4	167
18	Single-Molecule Magnets: Jahn-Teller Isomerism and the Origin of Two Magnetization Relaxation Processes in Mn ₁₂ Complexes. <i>Inorganic Chemistry</i> , 2001, 40, 2127-2146.	4.0	166

#	ARTICLE	IF	CITATIONS
19	Enantioselective Excited-State Photoreactions Controlled by a Chiral Hydrogen-Bonding Iridium Sensitizer. <i>Journal of the American Chemical Society</i> , 2017, 139, 17186-17192.	13.7	153
20	Cationic Aluminum Alkyl Complexes Incorporating Aminotroponimate Ligands. <i>Journal of the American Chemical Society</i> , 2001, 123, 8291-8309.	13.7	147
21	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. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2904-2907.	13.8	146
22	Synthesis, Structure, and Evaluation of the Effect of Multiple Stacking on the Electron-Donor Properties of π -Stacked Polyfluorenes. <i>Journal of the American Chemical Society</i> , 2003, 125, 8712-8713.	13.7	144
23	Higher Manganese Silicide Nanowires of Nowotny Chimney Ladder Phase. <i>Journal of the American Chemical Society</i> , 2008, 130, 16086-16094.	13.7	144
24	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.	11.3	142
25	Aerobic Intramolecular Oxidative Amination of Alkenes Catalyzed by NHC-Coordinated Palladium Complexes. <i>Organic Letters</i> , 2006, 8, 2257-2260.	4.6	139
26	σ -Inverse-Electron-Demand Ligand Substitution in Palladium(0) Olefin Complexes. <i>Journal of the American Chemical Society</i> , 2003, 125, 12-13.	13.7	138
27	Effect of 3-Hydroxyproline Residues on Collagen Stability. <i>Journal of the American Chemical Society</i> , 2003, 125, 6422-6427.	13.7	138
28	Stereospecific Synthesis of Conformationally Constrained β -Amino Acids: New Foldamer Building Blocks That Support Helical Secondary Structure. <i>Journal of the American Chemical Society</i> , 2009, 131, 16018-16020.	13.7	135
29	Generation of Rhodium(I) Carbenes from Ynamides and Their Reactions with Alkynes and Alkenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 8201-8204.	13.7	132
30	The (Ph) ₂ nacnac Ligand in Organochromium Chemistry. <i>Organometallics</i> , 2002, 21, 952-960.	2.3	129
31	Stabilization of the Collagen Triple Helix by <i>O</i> -Methylation of Hydroxyproline Residues. <i>Journal of the American Chemical Society</i> , 2008, 130, 2952-2953.	13.7	129
32	The Weak-Link Approach to the Synthesis of Inorganic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 465-467.	13.8	121
33	(F8TPP)Fe(II)/O ₂ Reactivity Studies {F8TPP = Tetrakis(2,6-difluorophenyl)porphyrinate(2-)}: A 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, 5754-5767.	4.0	121
34	Residue Requirements for Helical Folding in Short β -Peptides: Crystallographic Characterization of the 11-Helix in an Optimized Sequence. <i>Journal of the American Chemical Society</i> , 2005, 127, 13130-13131.	13.7	119
35	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, 14062-14071.	13.7	116
36	Surprising Titanium Complexes Bearing β -Pyrazolato Ligands: Synthesis, Structure, and Molecular Orbital Studies. <i>Journal of the American Chemical Society</i> , 1997, 119, 3387-3388.	13.7	112

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37	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, 11898-11909.	4.0	112
38	Site-Selective Copper-Catalyzed Azidation of Benzylic C-H Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 11388-11393.	13.7	112
39	A New Cryptand: Synthesis and Complexation with Paraquat. <i>Organic Letters</i> , 1999, 1, 1001-1004.	4.6	111
40	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.	13.7	109
41	Single-crystal microplates of two-dimensional organo-inorganic lead halide layered perovskites for optoelectronics. <i>Nano Research</i> , 2017, 10, 2117-2129.	10.4	109
42	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, 5782-5783.	13.7	103
43	A marine microbiome antifungal targets urgent-threat drug-resistant fungi. <i>Science</i> , 2020, 370, 974-978.	12.6	102
44	A Peptoid Ribbon Secondary Structure. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5079-5084.	13.8	99
45	Forazoline: A Marine-Derived Polyketide with Antifungal <i>In Vivo</i> Efficacy. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11583-11586.	13.8	98
46	Parallel Sheet Secondary Structure in β^3 -Peptides. <i>Journal of the American Chemical Society</i> , 2001, 123, 11077-11078.	13.7	97
47	New Helical Foldamers: Heterogeneous Backbones with 1:2 and 2:1 β^1 : β^2 -Amino Acid Residue Patterns. <i>Journal of the American Chemical Society</i> , 2006, 128, 4538-4539.	13.7	97
48	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, 11821-11827.	13.7	96
49	Helix Formation in Preorganized β^2/β^3 -Peptide Foldamers: Hydrogen-Bond Analogy to the β^1 -Helix without β^1 -Amino Acid Residues. <i>Journal of the American Chemical Society</i> , 2010, 132, 7868-7869.	13.7	92
50	Crystallographic Characterization of Helical Secondary Structures in β^1/β^2 -Peptides with 1:1 Residue Alternation. <i>Journal of the American Chemical Society</i> , 2008, 130, 6544-6550.	13.7	89
51	(Pyrazol-1-ylmethyl)pyridine Nickel Complexes: Ethylene Oligomerization and Unusual Friedel-Crafts Alkylation Catalysts. <i>Organometallics</i> , 2009, 28, 2127-2133.	2.3	87
52	Synthesis and Isolation of Polytrityl Cations by Utilizing Hexaphenylbenzene and Tetraphenylmethane Scaffolds. <i>Journal of Organic Chemistry</i> , 2004, 69, 1524-1530.	3.2	86
53	Development of 7-membered N-heterocyclic carbene ligands for transition metals. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 6143-6155.	1.8	86
54	Synthesis of Pd(II) complexes bearing an enantiomerically resolved seven-membered N-heterocyclic carbene ligand and initial studies of their use in asymmetric Wacker-type oxidative cyclization reactions. <i>Tetrahedron</i> , 2009, 65, 5084-5092.	1.9	85

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55	Construction of Peptoids with All- <i>Trans</i> -Amide Backbones and Peptoid Reverse Turns via the Tactical Incorporation of <i>N</i> -Aryl Side Chains Capable of Hydrogen Bonding. <i>Journal of Organic Chemistry</i> , 2010, 75, 6068-6078.	3.2	84
56	Modular Functionalization of Allenes to Aminated Stereotriads. <i>Journal of the American Chemical Society</i> , 2012, 134, 10807-10810.	13.7	83
57	Phenyltris((<i>tert</i> -butylthio)methyl)borate: A Second Generation S ₃ -Ligand That Enforces Tetrahedral Coordination. <i>Inorganic Chemistry</i> , 1998, 37, 4754-4755.	4.0	82
58	Aziridine synthesis by coupling amines and alkenes via an electrogenerated dication. <i>Nature</i> , 2021, 596, 74-79.	27.8	82
59	Chemistry of the Aromatic 9-Germafluorenyl Dianion and Some Related Silicon and Carbon Species. <i>Journal of the American Chemical Society</i> , 2002, 124, 12174-12181.	13.7	81
60	TiIV-Mediated Reactions between Primary Amines and Secondary Carboxamides: Amidine Formation Versus Transamidation. <i>Journal of the American Chemical Society</i> , 2007, 129, 1776-1783.	13.7	80
61	Anionic Halocuprate(II) Complexes as Catalysts for the Oxaziridine-Mediated Aminohydroxylation of Olefins. <i>Journal of Organic Chemistry</i> , 2009, 74, 5545-5552.	3.2	80
62	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.	13.7	78
63	Amine-Chelated Aryllithium Reagents Structure and Dynamics. <i>Journal of the American Chemical Society</i> , 2001, 123, 8067-8079.	13.7	77
64	Salicylaldimine Ruthenium Alkylidene Complexes: Metathesis Catalysts Tuned for Protic Solvents. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 395-404.	4.3	77
65	New Pnictinogallanes [H ₂ GaE(SiMe ₃) 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.	13.7	76
66	Phosphinogold(I) Dithiocarbamate Complexes: Effect of the Nature of Phosphine Ligand on Anticancer Properties. <i>Inorganic Chemistry</i> , 2014, 53, 2058-2067.	4.0	72
67	Tantalum Complexes Bearing η^1 -, η^2 -, and σ -Slipped- η^2 -Pyrazolato Ligands. <i>Inorganic Chemistry</i> , 1997, 36, 1738-1739.	4.0	71
68	Chemo- and Enantioselective Intramolecular Silver-Catalyzed Aziridinations. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9944-9948.	13.8	71
69	Crystallographic Facet Dependence of the Hydrogen Evolution Reaction on CoPS: Theory and Experiments. <i>ACS Catalysis</i> , 2018, 8, 1143-1152.	11.2	71
70	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.	13.7	70
71	Enantioselective intermolecular bromoesterification of allylic sulfonamides. <i>Chemical Science</i> , 2013, 4, 2652.	7.4	69
72	A general strategy for diversifying complex natural products to polycyclic scaffolds with medium-sized rings. <i>Nature Communications</i> , 2019, 10, 4015.	12.8	68

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73	Synthesis and Magnetic Properties of Gd Doped EuS Nanocrystals with Enhanced Curie Temperatures. <i>Journal of the American Chemical Society</i> , 2010, 132, 15997-16005.	13.7	67
74	Synthesis and evaluation of substituted pyrazoles palladium(II) complexes as ethylene polymerization catalysts. <i>Journal of Organometallic Chemistry</i> , 2002, 660, 108-115.	1.8	66
75	A Stereoselective [3+1] Ring Expansion for the Synthesis of Highly Substituted Methylene Azetidines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12229-12233.	13.8	66
76	Stereochemistry of Imine Reduction by a Hydroxycyclopentadienyl Ruthenium Hydride. <i>Journal of the American Chemical Society</i> , 2006, 128, 2286-2293.	13.7	65
77	The Aberrance of the 4S Diastereomer of 4-Hydroxyproline. <i>Journal of the American Chemical Society</i> , 2010, 132, 10857-10865.	13.7	65
78	The Ansa-Effect in Zirconocene Chemistry: The Syntheses and Interconversions of the Hydride Complexes $\{[\text{Me}_2\text{Si}(\text{C}_5\text{Me}_4)_2]\text{Zr}(\text{H})(\eta^4\text{-H})\}_2$, $[\text{Me}_2\text{Si}(\text{C}_5\text{Me}_4)_2]\text{ZrH}_2(\text{PMe}_3)$, and $[\text{Me}_2\text{Si}(\text{C}_5\text{Me}_4)_2]\text{Zr}(\text{Ph})\text{H}$. <i>Journal of the American Chemical Society</i> , 1998, 120, 3255-3256.	13.7	64
79	Organosoluble Copper Clusters as Precatalysts for Carbon-Heteroelement Bond-Forming Reactions: Microwave and Conventional Heating. <i>Journal of Organic Chemistry</i> , 2005, 70, 244-250.	3.2	63
80	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. <i>Polyhedron</i> , 2014, 69, 55-60.	2.2	63
81	Polymorphism of Nifedipine: Crystal Structure and Reversible Transition of the Metastable β Polymorph. <i>Crystal Growth and Design</i> , 2012, 12, 2037-2043.	3.0	62
82	Intermolecular Coupling Reaction of Cyclic Amines and Alkenes Catalyzed by a Ruthenium-Hydride Complex $(\text{PCy}_3)_2(\text{CO})\text{RuHCl}$. <i>Organometallics</i> , 2004, 23, 5392-5395.	2.3	61
83	Substituted 2-Azabicyclo[2.1.1]hexanes as Constrained Proline Analogues: Implications for Collagen Stability. <i>Journal of Organic Chemistry</i> , 2004, 69, 8565-8573.	3.2	61
84	Discovery of a Solid Solution of Enantiomers in a Racemate-Forming System by Seeding. <i>Journal of the American Chemical Society</i> , 2006, 128, 11985-11992.	13.7	61
85	Crystallographic Characterization of the β -Peptide 14/15-Helix. <i>Journal of the American Chemical Society</i> , 2007, 129, 13780-13781.	13.7	61
86	Secondary Structural Preferences of 2,2-Disubstituted Pyrrolidine-4-carboxylic Acid Oligomers: β -Peptide Foldamers that Cannot Form Internal Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2003, 125, 9035-9037.	13.7	60
87	Reactivity of Cationic Organoaluminum Aminotroponimate Compounds with Unsaturated Substrates. Formation of Dinuclear Dicationic Aluminum Complexes. <i>Journal of the American Chemical Society</i> , 1999, 121, 11605-11606.	13.7	57
88	Synthesis of (α)-Fumagillin. <i>Journal of the American Chemical Society</i> , 1999, 121, 5589-5590.	13.7	57
89	Titanium(IV)-Mediated Conversion of Carboxamides to Amidines and Implications for Catalytic Transamidation. <i>Organometallics</i> , 2005, 24, 5208-5210.	2.3	57
90	Heteroleptic Nickel Complexes for the Markovnikov-Selective Hydroboration of Styrenes. <i>Organometallics</i> , 2016, 35, 3436-3439.	2.3	57

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91	Synthesis of a Calix[4]arene Derivative for Isolation of a Stable Cation Radical Salt for Use as a Colorimetric Sensor of Nitric Oxide. <i>Journal of the American Chemical Society</i> , 2004, 126, 13582-13583.	13.7	56
92	Two-Dimensional Lead Halide Perovskites Templated by a Conjugated Asymmetric Diammonium. <i>Inorganic Chemistry</i> , 2017, 56, 14991-14998.	4.0	56
93	Silver-Catalyzed Enantioselective Propargylic C-H Bond Amination through Rational Ligand Design. <i>Journal of the American Chemical Society</i> , 2020, 142, 12930-12936.	13.7	56
94	Transfer Hydrogenation of Carbonyl Compounds Catalyzed by a Ruthenium ^{II} Acetamido Complex: Evidence for a Stepwise Hydrogen Transfer Mechanism. <i>Organometallics</i> , 2001, 20, 3641-3643.	2.3	55
95	Re ₂ (CO) ₁₀ -Mediated Carbon-Hydrogen and Carbon-Sulfur Bond Cleavage of Dibenzothiophene and 2,5-Dimethylthiophene. <i>Organometallics</i> , 2001, 20, 1071-1078.	2.3	55
96	Stabilization of Lithium Borohydride with Nitrogen Donor, Chelating Ligands. Syntheses and Solid State Structures of [HC(3,5-Me ₂ pz) ₃ Li(1,3-BH ₄)], {[H ₂ C(3,5-Me ₂ pz) ₂ Li(1,4-1,3-BH ₄) ₂], and {[4,4'-Me ₂ bipy]Li(1,4-1,3-BH ₄) ₂ } (pz = pyrazolyl, bipy = bipyridyl). <i>Inorganic Chemistry</i> , 1997, 36, 6266-6269.	4.0	54
97	Selective Linear Coupling Reaction of Acetylene and Acrylonitrile Catalyzed by the Well-Defined Metallacyclopentadiene Complex C ₅ Me ₅ (PPh ₃)(Cl)RuCHCHCHCH. <i>Organometallics</i> , 1998, 17, 1257-1259.	2.3	54
98	Direct Observation of an Equilibrium between (ButCH ₂) ₂ W(=CBut)(SiButPh ₂) and (ButCH ₂)W(CHBut) ₂ (SiButPh ₂) and an Unusual Silyl Migration. <i>Journal of the American Chemical Society</i> , 1998, 120, 13519-13520.	13.7	53
99	Templated Formation of Binuclear Macrocycles via Hemilabile Ligands. <i>Organometallics</i> , 1999, 18, 4856-4868.	2.3	53
100	Synthesis, Structure, and Reactivity of Zirconium and Hafnium Imido Metalloporphyrins. <i>Inorganic Chemistry</i> , 1999, 38, 3814-3824.	4.0	53
101	Crystallographic Characterization of Helical Secondary Structures in 2:1 and 1:2 α / β -Peptides. <i>Journal of the American Chemical Society</i> , 2009, 131, 2917-2924.	13.7	53
102	Detection of Palladium(II) in Aerobic Oxidation Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3605-3610.	13.8	53
103	Halophilic Reactions of a Stable Silylene with Chloro and Bromocarbons. <i>Journal of the American Chemical Society</i> , 2002, 124, 4186-4187.	13.7	52
104	Palladium complexes of multidentate pyrazolylmethyl pyridine ligands: Synthesis, structures and phenylacetylene polymerization. <i>Polyhedron</i> , 2007, 26, 851-861.	2.2	52
105	Pyrazolyl iron, cobalt, nickel, and palladium complexes: synthesis, molecular structures, and evaluation as ethylene oligomerization catalysts. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1528-1535.	1.8	52
106	Main-Group-Metal Chlorobenzene Complexes. <i>Organometallics</i> , 2001, 20, 3367-3369.	2.3	51
107	Transfer of Chirality in the Rhodium-Catalyzed Intramolecular [5+2] Cycloaddition of α -Acyl- β -alkoxy- γ -alkenynes (ACEs) and Alkynes: Synthesis of Enantioenriched Bicyclo[5.3.0]decatrienes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13601-13605.	13.8	51
108	A β -Amino Acid That Favors 12/10-Helical Secondary Structure in α / β -Peptides. <i>Journal of the American Chemical Society</i> , 2014, 136, 15046-15053.	13.7	51

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109	Unusual Reactivity of ϵ -Proton Sponges as a Hydride Donor to Transition Metals: Synthesis and Structural Characterization of Fluoroalkyl(hydrido) Complexes of Iridium(III) and Rhodium(III). <i>Organometallics</i> , 2001, 20, 3190-3197.	2.3	50
110	New Preorganized β -Amino Acids as Foldamer Building Blocks. <i>Organic Letters</i> , 2012, 14, 2582-2585.	4.6	49
111	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, 3014-3017.	4.6	49
112	Reactivity of Mitsunobu Reagent toward Carbonyl Compounds. <i>Organic Letters</i> , 2005, 7, 495-498.	4.6	45
113	PPh ₃ -Substituted [2,5-Ph ₂ -3,4-Tol ₂ (β -C ₄ COH)]Ru(CO)(PPh ₃)H Exhibits Slower Stoichiometric Reduction, Faster Catalytic Hydrogenation, and Higher Chemoselectivity for Hydrogenation of Aldehydes over Ketones Than the Dicarboxylate Catalyst. <i>Organometallics</i> , 2006, 25, 1236-1244.	2.3	45
114	Rhodium-Catalyzed Carbonylation of Cyclopropyl Substituted Propargyl Esters: A Tandem 1,3-Acyloxy Migration [5 + 1] Cycloaddition. <i>Journal of Organic Chemistry</i> , 2012, 77, 6463-6472.	3.2	45
115	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. <i>Inorganic Chemistry</i> , 1997, 36, 4415-4420.	4.0	44
116	Heterocumulene Metathesis of Pb[N(SiMe ₃) ₂] ₂ . High-Yield Syntheses of the Heteroleptic Dimer {Pb[N(SiMe ₃) ₂ (β -OSiMe ₃)] ₂ } ₂ and the Novel Lead(II) Oxo Cluster Pb ₇ (β -O)(β -O)(β -OSiMe ₃) ₁₀ . <i>Organometallics</i> , 1998, 17, 498-500.	2.3	44
117	P[(S,S,S)-PhHMeCNCH ₂ CH ₂] ₃ N: A New Chiral 3P and ¹ H NMR Spectroscopic Reagent for the Direct Determination of ee Values of Chiral Azides. <i>Journal of Organic Chemistry</i> , 2000, 65, 701-706.	3.2	44
118	Characterisation of nanoscopic [Mn ₁₂ O ₁₂ (O ₂ CR) ₁₆ (H ₂ O) ₄] single-molecule magnets: physicochemical properties and LDI- and MALDI-TOF mass spectrometry. LDI- and MALDI-TOF are acronyms for Laser Desorption/Ionisation and Matrix Assisted Laser Desorption/Ionisation Time-of-Flight. <i>Journal of Materials Chemistry</i> , 2002, 12, 1152-1161.	6.7	44
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