

Eleuterio Alvarez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6404859/publications.pdf>

Version: 2024-02-01

304
papers

9,053
citations

41344

49
h-index

85541

71
g-index

351
all docs

351
docs citations

351
times ranked

7117
citing authors

#	ARTICLE	IF	CITATIONS
1	Useful Designs in the Synthesis of Trans-Fused Polyether Toxins. <i>Chemical Reviews</i> , 1995, 95, 1953-1980.	47.7	194
2	Dynamic Kinetic Cross-Coupling Strategy for the Asymmetric Synthesis of Axially Chiral Heterobiaryls. <i>Journal of the American Chemical Society</i> , 2013, 135, 15730-15733.	13.7	185
3	Zinc-Zinc Bonded Zirconocene Structures. Synthesis and Characterization of $Zn_2(\eta^5-C_5Me_5)_2$ and $Zn_2(\eta^5-C_5Me_4Et)_2$. <i>Journal of the American Chemical Society</i> , 2007, 129, 693-703.	13.7	169
4	Use of Hemilabile N,N Ligands in Nitrogen-Directed Iridium-Catalyzed Borylations of Arenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11724-11728.	13.8	163
5	Regioselective Formation of 2,5-Disubstituted Oxazoles Via Copper(I)-Catalyzed Cycloaddition of Acyl Azides and 1-Alkynes. <i>Journal of the American Chemical Society</i> , 2011, 133, 191-193.	13.7	146
6	CO Insertion Reactions into the M-OH Bonds of Monomeric Nickel and Palladium Hydroxides. Reversible Decarbonylation of a Hydroxycarbonyl Palladium Complex. <i>Organometallics</i> , 2004, 23, 1652-1655.	2.3	138
7	Hydrazone as the Directing Group for Ir-Catalyzed Arene Diborylations and Sequential Functionalizations. <i>Journal of the American Chemical Society</i> , 2012, 134, 4573-4576.	13.7	130
8	Iridium(III)-Induced Isomerization of 2-Substituted Pyridines to N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2006, 128, 13060-13061.	13.7	128
9	Imidazo[1,5-a]pyridin-3-ylidene/Thioether Mixed C/S Ligands and Complexes Thereof. <i>Organometallics</i> , 2007, 26, 2570-2578.	2.3	128
10	Intermolecular [2 + 2] Cycloaddition of Alkyne-Alkene Catalyzed by Au(I) Complexes. What Are the Catalytic Sites Involved?. <i>ACS Catalysis</i> , 2011, 1, 1647-1653.	11.2	109
11	Simple Designs for the Construction of Complex trans-Fused Polyether Toxin Frameworks. A Linear Strategy Based on Entropically Favored Oxirane Ring Enlargement in Epoxycycloalkenes Followed by Carbon-Carbon or Carbon-Oxygen Bond-Forming Cyclizations. <i>Journal of Organic Chemistry</i> , 1994, 59, 2848-2876.	3.2	90
12	Phosphino Hydrazones as Suitable Ligands in the Asymmetric Suzuki-Miyaura Cross-Coupling. <i>Journal of Organic Chemistry</i> , 2012, 77, 4740-4750.	3.2	88
13	2,6-Diiminopyridine Iron(II) Dialkyl Complexes. Interaction with Aluminum Alkyls and Ethylene Polymerization Catalysis. <i>Organometallics</i> , 2005, 24, 4878-4881.	2.3	85
14	Synthesis and Reactivity of a Mononuclear Parent Amido Nickel Complex. Structures of $Ni[C_6H_3-2,6-(CH_2P^iPr_2)_2](NH_2)$ and $Ni[C_6H_3-2,6-(CH_2P^iPr_2)_2](OMe)$. <i>Organometallics</i> , 2004, 23, 5653-5655.	2.3	83
15	Formation of Iridabenzenes by Coupling of Iridacyclopentadienes and Alkenes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 474-477.	13.8	81
16	Asymmetric Formal Carbonyl-Ene Reactions of Formaldehyde <i>tert</i> -Butyl Hydrazone with α -Keto Esters: Dual Activation by Bis-urea Catalysts. <i>Journal of the American Chemical Society</i> , 2012, 134, 12912-12915.	13.7	81
17	Rearrangement of Pyridine to Its 2-Carbene Tautomer Mediated by Iridium. <i>Journal of the American Chemical Society</i> , 2007, 129, 14130-14131.	13.7	80
18	The Isopropylsulfinyl Group: A Useful Chiral Controller for the Asymmetric Aziridination of Sulfinylimines and the Organocatalytic Allylation of Hydrazones. <i>Organic Letters</i> , 2005, 7, 1307-1310.	4.6	79

#	ARTICLE	IF	CITATIONS
19	Enantioselective Synthesis of Vicinal Halohydrins via Dynamic Kinetic Resolution. <i>Organic Letters</i> , 2006, 8, 127-130.	4.6	78
20	Metallacycloheptatrienes of Iridium(III): Synthesis and Reactivity. <i>Organometallics</i> , 2007, 26, 3403-3415.	2.3	77
21	Synthesis, Structural Characterization, and Catalytic Activity of IPrNi(styrene) ₂ in the Amination of Aryl Tosylates. <i>Organometallics</i> , 2012, 31, 6312-6316.	2.3	74
22	Isoquinolin-1-ylidenes as electronically tuneable ligands. <i>Chemical Communications</i> , 2007, , 1180-1182.	4.1	73
23	Building a Parent Iridabenzene Structure from Acetylene and Dichloromethane on an Iridium Center. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10068-10071.	13.8	72
24	Azaboro[5]helicene Charge-Transfer Dyes Show Efficient and Spectrally Variable Circularly Polarized Luminescence. <i>Chemistry - A European Journal</i> , 2018, 24, 12660-12668.	3.3	71
25	Synthesis and Reactivity of Nickel and Palladium Fluoride Complexes with PCP Pincer Ligands. NMR-Based Assessment of Electron-Donating Properties of Fluoride and Other Monoanionic Ligands. <i>Organometallics</i> , 2012, 31, 1425-1438.	2.3	68
26	Selective Synthesis of N-Substituted 1,2-Dihydropyridines from Furans by Copper-Induced Concurrent Tandem Catalysis. <i>Journal of the American Chemical Society</i> , 2010, 132, 4600-4607.	13.7	66
27	Hydrogenation of imines catalysed by ruthenium(η^5 -Cp*) complexes based on lutidine-derived CNC pincer ligands. <i>Dalton Transactions</i> , 2013, 42, 351-354.	3.3	66
28	Synthesis, Structure, and Applications of N-Dialkylamino-N-alkylimidazol-2-ylidenes as a New Type of NHC Ligands. <i>Organometallics</i> , 2006, 25, 6039-6046.	2.3	65
29	A New Perfluorinated F ₂₁ -Tp Scorpionate Ligand: Enhanced Alkane Functionalization by Carbene Insertion with (F ₂₁ -Tp)M Catalysts (M = Cu, Ag). <i>Organometallics</i> , 2008, 27, 4779-4787.	2.3	64
30	Nickel 2-Iminopyridine η^5 -N-Oxide (PymNox) Complexes: Cationic Counterparts of Salicylaldimine-Based Neutral Ethylene Polymerization Catalysts. <i>Organometallics</i> , 2008, 27, 4711-4723.	2.3	64
31	1,3-Bis(N,N-dialkylamino)imidazolin-2-ylidenes: Synthesis and Reactivity of a New Family of Stable N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2004, 126, 13242-13243.	13.7	63
32	Asymmetric Hydroformylation of Olefins with Rh Catalysts Modified with Chiral Phosphine-Phosphite Ligands. <i>Organometallics</i> , 2007, 26, 6428-6436.	2.3	63
33	Discovering Copper for Methane C-H Bond Functionalization. <i>ACS Catalysis</i> , 2015, 5, 3726-3730.	11.2	63
34	Dioxomolybdenum(VI) Complexes with Acylpyrazolonate Ligands: Synthesis, Structures, and Catalytic Properties. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3352-3361.	2.0	62
35	Functional-Group-Tolerant, Silver-Catalyzed C-N Bond Formation by Nitrene Transfer to Amines. <i>Journal of the American Chemical Society</i> , 2017, 139, 2216-2223.	13.7	62
36	Mild and stereocontrolled synthesis of iodo- and bromohydrins by halogen-tetrakis(isopropoxy)titanium opening of epoxy alcohols. <i>Journal of Organic Chemistry</i> , 1990, 55, 3429-3431.	3.2	61

#	ARTICLE	IF	CITATIONS
37	A Cationic Rh(III) Complex That Efficiently Catalyzes Hydrogen Isotope Exchange in Hydrosilanes. <i>Journal of the American Chemical Society</i> , 2010, 132, 16765-16767.	13.7	60
38	Syntheses with sulfones XLIX : stereo- and enantioselective synthesis of (s)-(-)-3,9-dimethyl 6-(1-methylethyl) (e)-5,8-decadien 1-ol acetate, sexual pheromone of yellow scale.. <i>Tetrahedron</i> , 1988, 44, 119-126.	1.9	59
39	Monodentate, N-Heterocyclic Carbene-Type Coordination of 2,2'-Bipyridine and 1,10-Phenanthroline to Iridium. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4380-4383.	13.8	59
40	Pyridine-Hydrazones as N,N'-Ligands in Asymmetric Catalysis: Pd(II)-Catalyzed Addition of Boronic Acids to Cyclic Sulfonylketimines. <i>Organic Letters</i> , 2015, 17, 5104-5107.	4.6	58
41	Catalytic cross-coupling of diazo compounds with coinage metal-based catalysts: an experimental and theoretical study. <i>Dalton Transactions</i> , 2013, 42, 4132.	3.3	57
42	Synthesis and Catalytic Activity of Cationic Allyl Complexes of Nickel Stabilized by a Single N-Heterocyclic Carbene Ligand. <i>Organometallics</i> , 2006, 25, 3314-3316.	2.3	55
43	Trinuclear copper(I) complexes with triscarbene ligands: catalysis of N and C coupling reactions. <i>Dalton Transactions</i> , 2009, , 7223.	3.3	54
44	Strongly Emissive and Photostable Four-Coordinate Organoboron N,C Chelates and Their Use in Fluorescence Microscopy. <i>Chemistry - A European Journal</i> , 2015, 21, 15369-15376.	3.3	54
45	Tuning of the Structures of Chiral Phosphane-Phosphites: Application to the Highly Enantioselective Synthesis of \pm -Acyloxy Phosphonates by Catalytic Hydrogenation. <i>Chemistry - A European Journal</i> , 2007, 13, 1821-1833.	3.3	53
46	Formation of η^2 -Metallanaphthalenes by the Coupling of a Benzo-Iridacyclopentadiene with Olefins. <i>Organometallics</i> , 2015, 34, 177-188.	2.3	52
47	C2-Symmetric S/C/S ligands based on N-heterocyclic carbenes: a new ligand architecture for asymmetric catalysis. <i>Dalton Transactions</i> , 2009, , 8485.	3.3	51
48	A concise synthesis of ortho-condensed oxane-oxene, oxepene, oxocene and oxonene ring systems. <i>Tetrahedron Letters</i> , 1996, 37, 2865-2868.	1.4	50
49	Iridium Complexes with Phosphine-Phosphite Ligands. Structural Aspects and Application in the Catalytic Asymmetric Hydrogenation of N-Aryl Imines. <i>Organometallics</i> , 2006, 25, 961-973.	2.3	50
50	Dinuclear Copper(I) Complexes as Precatalysts in Ullmann and Goldberg Coupling Reactions. <i>Organometallics</i> , 2009, 28, 3815-3821.	2.3	50
51	Air-Stable, Dinuclear and Tetranuclear η^2 -Acetylide Gold(I) Complexes and Their Catalytic Implications. <i>Chemistry - A European Journal</i> , 2013, 19, 12239-12244.	3.3	50
52	Synthesis and Characterization of Axially Chiral Imidazoisoquinolin-2-ylidene Silver and Gold Complexes. <i>Organometallics</i> , 2015, 34, 5073-5080.	2.3	50
53	Rhodium(I) Complexes with Ligands Based on N-Heterocyclic Carbene and Hemilabile Pyridine Donors as Highly α -Stereoselective Alkyne Hydrosilylation Catalysts. <i>Organometallics</i> , 2017, 36, 2460-2469.	2.3	50
54	The Synthesis of Iridabenzenes by the Coupling of Iridacyclopentadienes and Olefins. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2711-2720.	2.0	49

#	ARTICLE	IF	CITATIONS
55	The Mechanism of the Catalytic Functionalization of Haloalkanes by Carbene Insertion: An Experimental and Theoretical Study. <i>Organometallics</i> , 2009, 28, 5968-5981.	2.3	49
56	Ruthenium(II) Complexes Containing Lutidine-Derived Pincer CNC Ligands: Synthesis, Structure, and Catalytic Hydrogenation of C≡N bonds. <i>Chemistry - A European Journal</i> , 2015, 21, 7540-7555.	3.3	49
57	Copper-Carbene Intermediates in the Copper-Catalyzed Functionalization of O-H Bonds. <i>Chemistry - A European Journal</i> , 2015, 21, 9769-9775.	3.3	48
58	Cationic η^3 -benzyl nickel compounds with diphosphine ligands as catalyst precursors for ethylene oligomerization/polymerization: influence of the diphosphine bite angle. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 833-839.	1.8	46
59	Decomposition of Methylnickel(II) Amido, Alkoxo, and Alkyl Complexes by η^2 -Hydrogen Elimination: A Comparative Study. <i>Organometallics</i> , 2009, 28, 6515-6523.	2.3	46
60	Axial Chirality Control During Suzuki-Miyaura Cross-Coupling Reactions: The <i>tert</i> -Butylsulfinyl Group as an Efficient Chiral Auxiliary. <i>Organic Letters</i> , 2009, 11, 5130-5133.	4.6	46
61	Highly Enantioselective Hydrogenation of η^2 -Acyloxy and η^2 -Acylamino η^2 -Unsaturated Phosphonates Catalyzed by Rhodium Phosphane-Phosphite Complexes. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2775-2794.	4.3	46
62	Deactivation of Cationic Cu ^I and Au ^I Catalysts for A ³ Coupling by CH ₂ Cl ₂ : Mechanistic Implications of the Formation of Neutral Cu ^I and Au ^I Chlorides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7253-7258.	13.8	46
63	Highly enantioselective hydrogenation of enol ester phosphonates catalyzed by rhodium phosphine-phosphite complexes. <i>Chemical Communications</i> , 2005, , 628-630.	4.1	45
64	Redox Behavior of an Organometallic Palladium(II)/Palladium(IV) System. A New Method for the Synthesis of Cationic Palladium(IV) Complexes. <i>Organometallics</i> , 2005, 24, 3624-3628.	2.3	45
65	Catalytic, One-Pot Synthesis of η^2 -Amino Acids from η^2 -Amino Acids. Preparation of η^2 -Peptide Derivatives. <i>Journal of Organic Chemistry</i> , 2009, 74, 4655-4665.	3.2	45
66	Synthesis of Unsaturated Trans-Fused Polyether Frameworks via O-linked Oxacycles: A Convergent Approach. <i>Journal of the American Chemical Society</i> , 1995, 117, 1437-1438.	13.7	44
67	Monomeric Alkoxo and Amido Methylnickel(II) Complexes. Synthesis and Heterocumulene Insertion Chemistry. <i>Organometallics</i> , 2007, 26, 3840-3849.	2.3	44
68	Cationic Ir(III) Alkylidenes Are Key Intermediates in C-H Bond Activation and C-C Bond-Forming Reactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 7165-7175.	13.7	44
69	New insights into the mechanism of oxodiperoxomolybdenum catalysed olefin epoxidation and the crystal structures of several oxo-peroxo molybdenum complexes. <i>Dalton Transactions</i> , 2012, 41, 6942.	3.3	43
70	Olefin epoxidation by hydrogen peroxide catalysed by molybdenum complexes in ionic liquids and structural characterisation of the proposed intermediate dioxoperoxomolybdenum species. <i>Chemical Communications</i> , 2010, 46, 5933.	4.1	42
71	Etude de l'allylation, catalysée par le nickel, d'énolates stables, par les éthers et les alcools allyliques. <i>Journal of Organometallic Chemistry</i> , 1988, 339, 199-212.	1.8	41
72	Sulfonamide Phosphinates as Chiral Catalysts for the Enantioselective Organocatalytic Reduction of Imines. <i>Organic Letters</i> , 2016, 18, 3258-3261.	4.6	41

#	ARTICLE	IF	CITATIONS
73	Simple Designs for the Construction of Complex Trans-Fused Polyether Toxin Frameworks. A Convergent Strategy Based on Hydroxy Ketone Cyclization of C-Linked Oxacycles. <i>Journal of Organic Chemistry</i> , 1996, 61, 3003-3016.	3.2	40
74	Stereoselective Synthesis of Rhodium(I) 4-(Dialkylamino)triazol-5-ylidene Complexes. <i>Organometallics</i> , 2008, 27, 4555-4564.	2.3	40
75	Zn ^{II} -Zn ^{II} -Bonded Compounds that Contain Monoanionic Oxygen ^{II} -Donor Ligands. <i>Chemistry - A European Journal</i> , 2010, 16, 9754-9757.	3.3	40
76	Metallacyclic Pyridylidene Structures from Reactions of Terminal Pyridylidenes with Alkenes and Acetylene. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3496-3499.	13.8	40
77	Syntheses with sulfones XLVIII : stereoselective synthesis of 2-isopropyl 1,4-dienes through the iron-catalysed cross-coupling reaction of 2-benzenesulfonyl 1,4-dienes and isopropylmagnesium chloride. <i>Tetrahedron</i> , 1988, 44, 111-118.	1.9	39
78	Coupling of Internal Alkynes in TpMe ₂ Ir Derivatives: Selective Oxidation of a Noncoordinated Double Bond of the Resulting Iridacycloheptatrienes. <i>Journal of the American Chemical Society</i> , 2003, 125, 1478-1479.	13.7	39
79	Chiral Phosphine ^{II} -Phosphite Ligands with a Substituted Ethane Backbone. Influence of Conformational Effects in Rhodium-Catalyzed Asymmetric Olefin Hydrogenation and Hydroformylation Reactions. <i>Organometallics</i> , 2010, 29, 5791-5804.	2.3	38
80	Experimental and theoretical insights into the oxodiperoxomolybdenum-catalysed sulphide oxidation using hydrogen peroxide in ionic liquids. <i>Dalton Transactions</i> , 2014, 43, 13711.	3.3	38
81	Highly Enantioselective Hydrogenation of Enol Ester Phosphonates: A Versatile Procedure for the Preparation of Chiral ^{II} -Hydroxyphosphonates. <i>Chemistry - A European Journal</i> , 2008, 14, 9856-9859.	3.3	37
82	Selective Alkylation of 2,6-Diiminopyridine Ligands by Dialkylmanganese Reagents: A One-Pot ^{II} -Synthetic Methodology. <i>Organometallics</i> , 2007, 26, 1104-1107.	2.3	36
83	Mechanistic and Computational Studies of the Atom Transfer Radical Addition of CCl ₄ to Styrene Catalyzed by Copper Homoscorpionate Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 2458-2467.	4.0	36
84	Catalytic Nitrene Transfer To Alkynes: A Novel and Versatile Route for the Synthesis of Sulfinamides and Isothiazoles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12842-12847.	13.8	36
85	Tautomerisation of 2-Substituted Pyridines to ^{II} -Heterocyclic Carbene Ligands Induced by the 16 ^{II} -Unsaturated [Tp ^{II} Me ₂ Ir ^{III} (C ₆ H ₅) ₂] Moiety. <i>Chemistry - A European Journal</i> , 2012, 18, 4644-4664.	3.3	35
86	Dual Organocatalytic Activation of Isatins and Formaldehyde <i>tert</i> -Butyl Hydrazone: Asymmetric Synthesis of Functionalized 3-Hydroxy ^{II} -oxindoles. <i>Chemistry - A European Journal</i> , 2013, 19, 8421-8425.	3.3	35
87	Iron and Cobalt Complexes of 4-Alkyl-2,6-Diiminopyridine Ligands: Synthesis and Ethylene Polymerization Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1871-1879.	2.0	34
88	C ₂ -Symmetric bis-thioglycosides as new ligands for palladium-catalyzed allylic substitutions. <i>Tetrahedron Letters</i> , 2003, 44, 3401-3404.	1.4	33
89	Enantioselective Conjugate Addition of N,N-Dialkylhydrazones to ^{II} -Hydroxy Enones ^I . <i>Organic Letters</i> , 2007, 9, 2867-2870.	4.6	33
90	Thiodiacetate and Oxydiacetate Cobalt Complexes: Synthesis, Structure and Stereochemical Features. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3543-3552.	2.0	33

#	ARTICLE	IF	CITATIONS
91	Rhodium Complexes with Pincer Diphosphite Ligands. Unusual Olefin in-Plane Coordination in Square-Planar Compounds. <i>Organometallics</i> , 2009, 28, 547-560.	2.3	33
92	Experimental and Theoretical Studies on Arene-bridged Metal-Metal-Bonded Dimolybdenum Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 6092-6102.	3.3	33
93	Synthesis, Structure and Nickel Carbonyl Complexes of Dialkylterphenyl Phosphines. <i>Chemistry - A European Journal</i> , 2019, 25, 260-272.	3.3	33
94	Unusual Polybrominated Polypyrazolylborates and Their Copper(I) Complexes: Synthesis, Characterization, and Catalytic Activity. <i>Inorganic Chemistry</i> , 2007, 46, 780-787.	4.0	32
95	Synthesis, Structure, and Inclusion Capabilities of Trehalose-Based Cyclodextrin Analogues (Cyclotrehalans). <i>Journal of Organic Chemistry</i> , 2008, 73, 2967-2979.	3.2	32
96	Phthalazin-2-ylidenes As Cyclic Amino Aryl Carbene Ligands in Rhodium(I) and Iridium(I) Complexes. <i>Organometallics</i> , 2010, 29, 5941-5945.	2.3	32
97	Copper(I)-Olefin Complexes: The Effect of the Trispyrazolylborate Ancillary Ligand in Structure and Reactivity. <i>Organometallics</i> , 2010, 29, 3481-3489.	2.3	32
98	Flexible C2-Symmetric Bis-Sulfoxides as Ligands in Enantioselective 1,4-Addition of Boronic Acids to Electron-Deficient Alkenes. <i>Journal of Organic Chemistry</i> , 2013, 78, 6510-6521.	3.2	32
99	Synthesis, Structural Characterization, Reactivity, and Catalytic Properties of Copper(I) Complexes with a Series of Tetradentate Tripodal Tris(pyrazolylmethyl)amine Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 4192-4201.	4.0	32
100	Synthesis of cyclic ethers via 5-exo iodonium assisted epoxide ring expansion.. <i>Tetrahedron Letters</i> , 1988, 29, 2093-2096.	1.4	31
101	Synthesis, structure and electronic properties of N-dialkylamino- and N-alkoxy-1,2,4-triazol-3-ylidene ligands. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5979-5988.	1.8	31
102	Effects of the Substituents in the $Tp^X Cu$ Activation of Dioxygen: An Experimental Study. <i>Inorganic Chemistry</i> , 2007, 46, 7428-7435.	4.0	31
103	Allenyl Sulfones and Allenyl Sulfides in the Synthesis of 3-Pyrrolines. A Novel Nucleophilic [3 + 2] Cycloaddition on Allenyl Sulfones Giving Rearranged Cycloadducts. <i>Organic Letters</i> , 2009, 11, 4778-4781.	4.6	31
104	Reactivity Studies of Iridium Pyridylidenes		

#	ARTICLE	IF	CITATIONS
109	Reversible Double C-H Bond Activation of Linear and Cyclic Ethers To Form Iridium Carbenes. <i>Chemistry - A European Journal</i> , 2012, 18, 13149-13159.	3.3	30
110	1,2,3-Triazoles from carbonyl azides and alkynes: filling the gap. <i>Chemical Communications</i> , 2014, 50, 8978.	4.1	30
111	Manganese Oxydiacetate Complexes: Synthesis, Structure and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 707-717.	2.0	29
112	Activation of Aliphatic Ethers by TpMe2Ir Compounds: Multiple C-H Bond Activation and C-C Bond Formation. <i>Organometallics</i> , 2007, 26, 1231-1240.	2.3	29
113	Olefin epoxidations in the ionic liquid [C4mim][PF6] catalysed by oxodiperoxomolybdenum species in situ generated from molybdenum trioxide and urea-hydrogen peroxide: The synthesis and molecular structure of [Mo(O)(O2)2(4-MepyO)2]·H2O. <i>Polyhedron</i> , 2009, 28, 3929-3934.	2.2	29
114	Comparison of the coordination capabilities of thiodiacetate and oxydiacetate ligands through the X-ray characterization and DFT studies of [V(O)(tda)(phen)]·4H2O and [V(O)(oda)(phen)]·1.5H2O. <i>Polyhedron</i> , 2010, 29, 3028-3035.	2.2	29
115	Thiodiacetate-Manganese Chemistry with N ligands: Unique Control of the Supramolecular Arrangement over the Metal Coordination Mode. <i>Chemistry - A European Journal</i> , 2011, 17, 10600-10617.	3.3	29
116	Tricyclic oxonium-directed addition: Regiochemistry and stereochemistry of the electrophilic additions to epoxy cycloalkenols. <i>Tetrahedron Letters</i> , 1988, 29, 2097-2100.	1.4	28
117	Phthalimides as Exceptionally Efficient Single Electron Transfer Acceptors in Reductive Coupling Reactions Promoted by Samarium Diiodide. <i>Organic Letters</i> , 2007, 9, 5445-5448.	4.6	27
118	Investigations on the Coupling of Ethylene and Alkynes in [IrTpMe2] Compounds: Water as an Effective Trapping Agent. <i>Chemistry - A European Journal</i> , 2007, 13, 5160-5172.	3.3	27
119	Synthesis, structure and reactivity of Pd and Ir complexes based on new lutidine-derived NHC/phosphine mixed pincer ligands. <i>Dalton Transactions</i> , 2016, 45, 16997-17009.	3.3	27
120	Synthesis and structural characterization of homochiral 2D coordination polymers of zinc and copper with conformationally flexible ditopic imidazolium-based dicarboxylate ligands. <i>Dalton Transactions</i> , 2017, 46, 471-482.	3.3	27
121	Catalytic Carbon-Hydrogen Bond Functionalization in an Ionic Liquid Medium. <i>Organometallics</i> , 2007, 26, 6661-6668.	2.3	26
122	Experimental and Computational Studies on the Iridium Activation of Aliphatic and Aromatic C-H Bonds of Alkyl Aryl Ethers and Related Molecules. <i>Chemistry - A European Journal</i> , 2009, 15, 9034-9045.	3.3	26
123	Neutral and Cationic Alkylmanganese(II) Complexes Containing 2,6-Bisiminopyridine Ligands. <i>Chemistry - A European Journal</i> , 2010, 16, 13834-13842.	3.3	26
124	Copper(I) Complexes with Trispyrazolylmethane Ligands: Synthesis, Characterization, and Catalytic Activity in Cross-Coupling Reactions. <i>Inorganic Chemistry</i> , 2012, 51, 8298-8306.	4.0	26
125	Syntheses of a Novel Fluorinated Trisphosphinoborate Ligand and Its Copper and Silver Complexes. Catalytic Activity toward Nitrene Transfer Reactions. <i>Inorganic Chemistry</i> , 2014, 53, 3991-3999.	4.0	26
126	Asymmetric organocatalytic synthesis of quaternary β -hydroxy phosphonates: en route to β -aryl phosphaisoserines. <i>Chemical Communications</i> , 2015, 51, 4077-4080.	4.1	26

#	ARTICLE	IF	CITATIONS
127	Highly Diastereoselective Oxidation of 2-Amino-2-deoxy-1-thio- β -D-glucopyranosides: Synthesis of Imino Sulfinylglycosides. <i>Journal of Organic Chemistry</i> , 2003, 68, 1433-1442.	3.2	25
128	Novel results on thiodiacetate zinc(II) complexes: Synthesis and structure of $[Zn(tda)(phen)]_2 \cdot 5H_2O$. <i>Inorganic Chemistry Communication</i> , 2006, 9, 160-163.	3.9	25
129	Cyclopentadienyl Zincates: Synthesis and X-ray Studies of Sodium and Potassium Salts of the $[Zn(C_5H_5)_3]^{+}$ and $[Zn_2(C_5H_5)_5]^{+}$ Ions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1296-1299.	13.8	25
130	Highly Enantioselective Imine Hydrogenation Catalyzed by Ruthenium Phosphane-Phosphite Diamine Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 15586-15591.	3.3	25
131	Magnesium dicarboxylates: First structurally characterized oxydiacetate and thiodiacetate magnesium complexes. <i>Inorganic Chemistry Communication</i> , 2005, 8, 453-456.	3.9	24
132	Mechanism of Alkyl Migration in Diorganomagnesium 2,6-Bis(imino)pyridine Complexes: Formation of Grignard-Type Complexes with Square-Planar Mg(II) Centers. <i>Organometallics</i> , 2016, 35, 3197-3204.	2.3	24
133	Design, synthesis and biological studies of a library of NK1-Receptor Ligands Based on a 5-arythiosubstituted 2-amino-4,6-diaryl-3-cyano-4 H -pyran core: Switch from antagonist to agonist effect by chemical modification. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 644-660.	5.5	24
134	Asymmetric Enamide Hydrogenation Using Phosphinite Thioglycosides: Synthesis of d - and l -Aminoesters Using d -Sugars as Catalyst Precursors. <i>Organic Letters</i> , 2008, 10, 3697-3700.	4.6	23
135	Influence of N-donor bases and the solvent in oxodiperoxomolybdenum catalysed olefin epoxidation with hydrogen peroxide in ionic liquids. <i>Dalton Transactions</i> , 2011, 40, 5210.	3.3	23
136	Reversible Reactions of Ni and Pd Hydroxo Pincer Complexes $[(\text{Pr}^i)_3\text{PCP}M\text{OH}]$ with CO_2 : Solid-State Study of the Decarboxylation of the Monomeric Bicarbonate Complexes $[(\text{Pr}^i)_3\text{PCP}M\text{OCOOH}]$ (M = Ni, Pd). <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5555-5566.	2.0	23
137	β -Hydrogen Elimination Reactions of Nickel and Palladium Methoxides Stabilised by PCP Pincer Ligands. <i>Chemistry - A European Journal</i> , 2015, 21, 9833-9849.	3.3	23
138	Model studies directed towards microalga polyether toxins. A stereoselective entry into C8 oxepane subunits. <i>Tetrahedron Letters</i> , 1991, 32, 2241-2244.	1.4	22
139	Integrating Catalyst and Co-Catalyst Design in Olefin Polymerization Catalysis: Transferable Dianionic Ligands for the Activation of Late Transition Metal Polymerization Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2111-2120.	4.3	22
140	Structural diversity of thiodiacetate compounds of group II metals: Synthesis and X-ray characterization of 2D coordination polymers of calcium and strontium. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1125-1128.	3.9	22
141	Hydrotris(3-mesitylpyrazolyl)borato-copper(I) alkyne complexes: synthesis, structural characterization and rationalization of their activities as alkyne cyclopropanation catalysts. <i>Dalton Transactions</i> , 2012, 41, 5319.	3.3	22
142	Nickel and Palladium Complexes with New Phosphinito-Imine Ligands and Their Application as Ethylene Oligomerization Catalysts. <i>Organometallics</i> , 2012, 31, 1006-1016.	2.3	22
143	Synthesis and Reactivity toward H_2 of $(\text{I}^5\text{-C}_5\text{Me}_5)_2\text{Rh(III)}$ Complexes with Bulky Aminopyridinate Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 6573-6581.	4.0	22
144	Model studies directed towards microalgal polyether toxins. Use of 2-phenylsulphonyl cyclic ethers in the preparation of trans, syn, trans β -alkyl, β -hydroxy-substituted tetrahydropyran subunits. <i>Tetrahedron Letters</i> , 1992, 33, 3385-3388.	1.4	21

#	ARTICLE	IF	CITATIONS
145	One-Pot Synthesis of Acyclic Nucleosides from Carbohydrate Derivatives, by Combination of Tandem and Sequential Reactions. <i>Journal of Organic Chemistry</i> , 2007, 72, 9523-9532.	3.2	21
146	Hexacoordinated Oligosilanes from a Hexacoordinated Silicon(IV) Complex Containing an O,N,N,O Salen-type and Thiocyanato-N Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 4231-4238.	4.0	21
147	Synthesis, structure and properties of [1,2,4]triazolo[4,3-a]pyridin-3-ylidene rhodium and palladium complexes. <i>Dalton Transactions</i> , 2009, , 7113.	3.3	21
148	Selective reduction of a Pd pincer PCP complex to well-defined Pd(0) species. <i>Chemical Communications</i> , 2010, 46, 8851.	4.1	21
149	Chemical Reactivity and Electrochemistry of Metal-Metal-Bonded Zincoenes. <i>Inorganic Chemistry</i> , 2011, 50, 6361-6371.	4.0	21
150	Orthogonal C-N Plus C-C Tandem Reaction of Iodoanilines Leading to Styrylguanidines Catalyzed by Supported Palladium Nanoparticles. <i>Chemistry - A European Journal</i> , 2012, 18, 14934-14938.	3.3	21
151	Cationic Copper(I) Complexes as Highly Efficient Catalysts for Single and Double A ³ -Coupling Mannich Reactions of Terminal Alkynes: Mechanistic Insights and Comparative Studies with Analogous Gold(I) Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 14317-14328.	3.3	21
152	Terphenyl Complexes of Molybdenum and Tungsten with Quadruple Metal-Metal Bonds and Bridging Carboxylate Ligands. <i>Journal of the American Chemical Society</i> , 2014, 136, 9173-9180.	13.7	21
153	Phosphine-functionalized NHC Ni(II) and Ni(0) complexes: synthesis, characterization and catalytic properties. <i>Dalton Transactions</i> , 2017, 46, 7603-7611.	3.3	21
154	Evaluating stereoelectronic properties of bulky dialkylterphenyl phosphine ligands. <i>Journal of Organometallic Chemistry</i> , 2019, 896, 120-128.	1.8	21
155	Hydrogenation/dehydrogenation of N-heterocycles catalyzed by ruthenium complexes based on multimodal proton-responsive CNN(H) pincer ligands. <i>Dalton Transactions</i> , 2020, 49, 9583-9587.	3.3	21
156	Acid-Base Reactions of Methylnickel Hydroxo, Alkoxo, and Amide Complexes with Carbon Acids. Studies on the Reactivity of Noncyclic Nickel Enolates. <i>Organometallics</i> , 2007, 26, 5712-5721.	2.3	20
157	Synthesis and Reactions of Manganese(II) Dialkyl Complexes Containing Monodentate and Bidentate Nitrogen Ligands. <i>Organometallics</i> , 2010, 29, 2960-2970.	2.3	20
158	Well-defined alkylpalladium complexes with pyridine-carboxylate ligands as catalysts for the aerobic oxidation of alcohols. <i>Dalton Transactions</i> , 2012, 41, 14087.	3.3	20
159	Sequential Reduction and Alkyl Exchange Reactions of Bis(imino)pyridine Dialkyliron(II) with Trimethylaluminum. <i>Organometallics</i> , 2014, 33, 1834-1839.	2.3	20
160	Synthesis of Multibranching Australine Derivatives from Reducing Castanospermine Analogues through the Amadori Rearrangement of gem-Diamine Intermediates: Selective Inhibitors of Î²-Glucosidase. <i>Journal of Organic Chemistry</i> , 2014, 79, 11722-11728.	3.2	20
161	Catalytic Activity of Cationic and Neutral Silver(I)-XPhos Complexes with Nitrogen Ligands or Tolylsulfonate for Mannich and Aza-Diels-Alder Coupling Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 340-354.	3.3	20
162	Quadruply bonded dimolybdenum complexes with highly unusual geometries and vacant coordination sites. <i>Chemical Communications</i> , 2012, 48, 3954.	4.1	19

#	ARTICLE	IF	CITATIONS
163	Dibenzyl and diallyl 2,6-bis(iminopyridine)zinc(II) complexes: selective alkyl migration to the pyridine ring leads to remarkably stable dihydropyridinates. <i>Chemical Communications</i> , 2013, 49, 6791.	4.1	19
164	Molybdenum-catalysed oxidation of cyclohexene with hydrogen peroxide in the presence of alcohols and X-ray structures of octamolybdate [C ₄ mim] ₄ [Mo ₈ O ₂₆] and tetraperoxodimolybdate [Htmpy] ₂ [{MoO(O ₂) ₂] ₂ (μ_4 -O)] complexes. <i>Polyhedron</i> , 2013, 54, 123-130.	2.2	19
165	Structural Analysis of Zirconocenes with Substituted Cyclopentadienyl Rings. <i>Chemistry - A European Journal</i> , 2009, 15, 924-935.	3.3	18
166	[(PhBP) ₃ Cu(PPh) ₃] as a Surrogate of TpCu in Homogeneous Catalysis (PhBP = PhB(CH ₂) ₂ PPh) ₃ ; Tp = TjETQp/OrgBB/Overlo	4.0	18
167	Synthesis, characterization and structure of nickel and copper compounds containing ligands derived from keto-enehydrazines and their catalytic application for aerobic oxidation of alcohols. <i>Dalton Transactions</i> , 2015, 44, 6516-6525.	3.3	18
168	Hydroboration of carbon dioxide with catechol- and pinacolborane using an Ir ^{III} -CNP* pincer complex. Water influence on the catalytic activity. <i>Dalton Transactions</i> , 2018, 47, 16766-16776.	3.3	18
169	Stable N-Heterocyclic Carbene (NHC)-Palladium(0) Complexes as Active Catalysts for Olefin Cyclopropanation Reactions with Ethyl Diazoacetate. <i>Chemistry - A European Journal</i> , 2011, 17, 14885-14895.	3.3	17
170	A Diels-Alder Reaction Triggered by a [4 + 3] Metallacycloaddition. <i>Journal of the American Chemical Society</i> , 2015, 137, 4074-4077.	13.7	17
171	Copper(I) Complexes of Zwitterionic Imidazolium-2-Amidates, a Promising Class of Electroneutral, Amidate-Type Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 11007-11017.	4.0	17
172	Spacer-Mediated Synthesis of Contra-Thermodynamic Spiroacetals: A Stereoselective Synthesis of C ₂ -Symmetric Difuctose Dianhydrides. <i>Journal of Organic Chemistry</i> , 2006, 71, 2257-2266.	3.2	16
173	Synthesis and Coordination Chemistry of Two N ₂ -Donor Chelating Di(indazolyl)methane Ligands: Structural Characterization and Comparison of Their Metal Chelation Aptitudes. <i>Inorganic Chemistry</i> , 2010, 49, 10543-10556.	4.0	16
174	Catalytic Copper-Mediated Ring Opening and Functionalization of Benzoxazoles. <i>ACS Catalysis</i> , 2014, 4, 4215-4222.	11.2	16
175	Lithium Di- and Trimethyl Dimolybdenum(II) Complexes with Mo-Mo Quadruple Bonds and Bridging Methyl Groups. <i>Journal of the American Chemical Society</i> , 2015, 137, 12378-12387.	13.7	16
176	Rhodium diphosphite pincer complexes. Rare preferred in-planeolefin conformation in square-planar compounds. <i>Dalton Transactions</i> , 2007, , 407-409.	3.3	15
177	Synthesis and solution behavior of the trinuclear palladium(II) unsaturated carboxylate complexes triangle-Pd ₃ [μ_4 -O ₂ CC(R ²)=CHMe] ₆ (R ² =Me, H): X-ray structure of palladium(II) tiglate (R ² =Me). <i>Inorganica Chimica Acta</i> , 2007, 360, 4111-4116.	2.4	15
178	Synthesis and Structure of Half-Sandwich Zirconocenes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1827-1831.	1.2	15
179	New seven membered palladacycles: C-Br bond activation of 2-bromo-pyridine derivative by Pd(II). <i>Dalton Transactions</i> , 2011, 40, 12450.	3.3	15
180	C-N Bond Formation by O ₂ -Mediated Dehydrogenative Coupling of Phenyl and NH ₂ -pyridylidene Ligands on Tplr ^{III} Complexes. <i>Chemistry - A European Journal</i> , 2011, 17, 9302-9305.	3.3	15

#	ARTICLE	IF	CITATIONS
181	ligands. CrystEngComm, 2013, 15, 3892.	2.6	15
182	Pyridine- α -hydrazone ligands in enantioselective palladium-catalyzed Suzuki-Miyaura cross-couplings. Tetrahedron, 2016, 72, 5184-5190.	1.9	15
183	Solvent-Free Regioselective Synthesis of Novel Isoxazoline and Pyrazoline N-Substituted Saccharin Derivatives Under Microwave Irradiation. Chemistry of Heterocyclic Compounds, 2016, 52, 31-40.	1.2	15
184	Nickel Pincer Complexes with Frequent Aliphatic Alkoxo Ligands [(ⁱ Pr) ₂ PCP]Ni-OR] (R = Et, Tj) ETQqO O 0 rgBT /Overlock 10 T Palladium Alkoxides. Inorganic Chemistry, 2017, 56, 13086-13099.	4.0	15
185	One-pot synthesis of β -amino acid derivatives from α -amino acids. Tetrahedron Letters, 2006, 47, 8757-8760.	1.4	14
186	Synthesis and reactivity of half-sandwich (β -5-C5Me5)Ir(III) complexes of a cyclometallated aryl phosphine ligand. New Journal of Chemistry, 2011, 35, 2122.	2.8	14
187	Activation of Small Molecules by the Metal- α -Amido Bond of Rhodium(III) and Iridium(III) (β -5-C5Me5)M-Aminopyridinate Complexes. Inorganic Chemistry, 2018, 57, 150-162.	4.0	14
188	Tricyclic oxonium-directed addition: Regiochemistry and stereochemistry of the iodination reactions in 2,3-epoxy cyclooct-5-en-1-ols and 2,3-epoxy-5-en-1-one.. Tetrahedron Letters, 1990, 31, 1629-1632.	1.4	13
189	Approaches to the synthesis of the tetrahydropyran subunits of marine trans-fused polyether toxins. Tetrahedron Letters, 1990, 31, 1633-1636.	1.4	13
190	Model studies directed towards microalga polyether toxins. A stereoselective entry into C10 cis and trans fused oxane-oxepane subunits. Tetrahedron Letters, 1991, 32, 2245-2248.	1.4	13
191	A convenient synthesis of bis(phosphino)methanes: Formation of a nickel(II) bis(phosphino)methane monoxide complex. Inorganica Chimica Acta, 2006, 359, 3191-3196.	2.4	13
192	Dihydrogen-Catalyzed Reversible Carbon- α -Hydrogen and Nitrogen- α -Hydrogen Bond Formation in Organometallic Iridium Complexes. Angewandte Chemie - International Edition, 2012, 51, 7555-7557.	13.8	13
193	Synthesis of conformationally-constrained thio(seleno)hydantoins and β -triazolyl lactones from d-arabinose as potential glycosidase inhibitors. Tetrahedron, 2012, 68, 4888-4898.	1.9	13
194	Synthesis and Structural Characterization of Pincer Pyridine Diphosphite Complexes of Rhodium and Iridium. European Journal of Inorganic Chemistry, 2012, 2012, 655-663.	2.0	13
195	Direct Synthesis of Hemiaminal Ethers <i>via</i> a Three-Component Reaction of Aldehydes, Amines and Alcohols. Advanced Synthesis and Catalysis, 2015, 357, 2821-2826.	4.3	13
196	Dihydrogen Catalysis of the Reversible Formation and Cleavage of C α -H and Ni α -H Bonds of Aminopyridinate Ligands Bound to (β -5-C ₅ Me ₅)Ir ^{III} . Chemistry - A European Journal, 2015, 21, 2576-2587.	3.3	13
197	Experimental and Computational Studies of the Molybdenum- π -Flanking Arene Interaction in Quadruply Bonded Dimolybdenum Complexes with Terphenyl Ligands. Chemistry - A European Journal, 2015, 21, 410-421.	3.3	13
198	Synthesis, structure and properties of nickel and copper complexes containing N,O-hydrazone Schiff base ligand. Inorganica Chimica Acta, 2018, 470, 113-118.	2.4	13

#	ARTICLE	IF	CITATIONS
199	Oxidoperoxidomolybdenum(ν) complexes with acylpyrazolonate ligands: synthesis, structure and catalytic properties. <i>Dalton Transactions</i> , 2018, 47, 197-208.	3.3	13
200	New sulfur-phosphine ligands derived from sugars: synthesis and application in palladium-catalyzed allylic alkylation and in rhodium asymmetric hydrogenation. <i>Arkivoc</i> , 2008, 2008, 211-224.	0.5	13
201	Highly diastereoselective formation of C ₂ -symmetric bis-thioglycoside Pd(II) complexes: the role of the exo anomeric effect. <i>Chemical Communications</i> , 2004, , 714-715.	4.1	12
202	Self-Addition of Metallacyclic Nickel Enolate Complexes Stabilized by Monodentate Phosphine Ligands. <i>Organometallics</i> , 2006, 25, 3124-3129.	2.3	12
203	Transition Metal Migration upon Attempting the Wolff Rearrangement of an Ir(III) Five-Membered Metallacycle. <i>Journal of the American Chemical Society</i> , 2007, 129, 6092-6093.	13.7	12
204	Efficient synthesis of 2,6,7,8-tetrahydroxyindolizidines (castanospermine analogues) via the dipolar cycloadditions of N-benzyl-C-(tetrahydrofuran-4-yl)nitrones to methyl acrylate. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1809-1827.	1.8	12
205	Iridium(III) complexes with polypyridine ligands coordinated as N-heterocyclic carbenes. Synthesis, structure and photophysical properties. <i>Dalton Transactions</i> , 2012, 41, 14126.	3.3	12
206	Asymmetric organocatalytic Strecker-type reactions of aliphatic N,N-dialkylhydrazones. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8247.	2.8	12
207	Novel Bis(1,3,2-diazaphospholidine) Ligands for Asymmetric Catalysis. <i>Organometallics</i> , 2013, 32, 2497-2500.	2.3	12
208	Tautomerization of Pyridine and 2-Substituted Pyridines to Pyridylidene Ligands by the Iridium(I) Diene Complex $\text{Tp}^{\text{Me}}_2\text{Ir}(\text{L})\text{CH}=\text{C}(\text{Me})\text{C}(\text{Me})\text{CH}_2$. <i>Organometallics</i> , 2014, 33, 498-510.	2.3	12
209	Copper-induced ammonia N-H functionalization. <i>Dalton Transactions</i> , 2016, 45, 14628-14633.	3.3	12
210	Preparation of Tremorine and Gemini Surfactant Precursors with Cationic Ethynyl-Bridged Digold Catalysts. <i>Chemistry - A European Journal</i> , 2017, 23, 2792-2801.	3.3	12
211	Selective, Base-Free Hydrogenation of Aldehydes Catalyzed by Ir Complexes Based on Proton-Responsive Lutidine-Derived CNP Ligands. <i>Organometallics</i> , 2021, 40, 1314-1327.	2.3	12
212	Aza-Michael addition of chiral hydrazines to alkylidene malonates. <i>Tetrahedron</i> , 2005, 61, 4609-4613.	1.9	11
213	Experimental and theoretical studies on the asymmetric cyanosilylation of C ₂ -symmetric hydrazones. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 998-1004.	1.8	11
214	Different coordination modes of an aryl-substituted hydrotris(pyrazolyl)borate ligand in rhodium and iridium complexes. <i>Inorganica Chimica Acta</i> , 2011, 369, 165-172.	2.4	11
215	Studies on the diastereoselective oxidation of 1-thio- β -D-glucopyranosides: synthesis of the usually less favoured R _S -sulfoxide as a single diastereoisomer. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1904-1914.	2.8	11
216	Oxygen-Induced Dimerization of Alkyl-Manganese(II) 2,6-Bisiminopyridine Complexes: Selective Synthesis of a New Ditopic NNN-Pincer Ligand. <i>Organometallics</i> , 2016, 35, 3336-3343.	2.3	11

#	ARTICLE	IF	CITATIONS
217	Synthesis and structure of nickel and copper complexes containing the N-allyl-o-hydroxyacetophenoniminato ligand and the application of copper complex as catalyst for aerobic alcohol oxidations. <i>Inorganica Chimica Acta</i> , 2017, 455, 638-644.	2.4	11
218	Synthesis of mixed cobalt–nickel oxydiacetate compounds: The X-ray characterization of [Co _{0.4} Ni _{0.6} (oda)(H ₂ O) ₃] \cdot 1.5H ₂ O. <i>Polyhedron</i> , 2007, 26, 3343-3349.	2.2	10
219	Iridafurans by Coupling of Alkynes and Aldehydes on a TpMe ₂ Ir System. Facile Demethoxycarbonylation of a β -CO ₂ Me Substituent. <i>Organometallics</i> , 2010, 29, 5744-5747.	2.3	10
220	Migratory insertion reactions of nickel and palladium η^2 -alkyl complexes with a phosphinito-imine ligand. <i>Dalton Transactions</i> , 2012, 41, 14524.	3.3	10
221	Pentacoordinate mono(η^2 -diketonato)- and hexacoordinate bis(η^2 -diketonato)-silicon(IV) complexes obtained from (thiocyanato-N)hydridosilanes. <i>Polyhedron</i> , 2012, 41, 127-133.	2.2	10
222	Site-selective modification of peptides: From customizable units to novel α -aryl and α -alkyl glycine derivatives, and components of branched peptides. <i>Biopolymers</i> , 2015, 104, 650-662.	2.4	10
223	Synthesis and structure of mixed carboxylate-aminopyridinate and -amidinate complexes of dimolybdenum and tungsten. <i>Inorganica Chimica Acta</i> , 2015, 424, 120-128.	2.4	10
224	Stereoselective Synthesis of β -Stereogenic α -Phosphinyl Compounds. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 255-259.	2.4	10
225	Catalytic Nitrene Transfer To Alkynes: A Novel and Versatile Route for the Synthesis of Sulfinamides and Isothiazoles. <i>Angewandte Chemie</i> , 2017, 129, 13022-13027.	2.0	10
226	Epimerization of glucose over ionic liquid/phosphomolybdate hybrids: structure–activity relationship. <i>Green Chemistry</i> , 2018, 20, 1042-1049.	9.0	10
227	Cationic (η^5 -C ₅ Me ₄ R)Rh ^{III} Complexes with Metalated Aryl Phosphines Featuring η^4 -Phosphorus plus Pseudo-Allylic Coordination. <i>Organometallics</i> , 2018, 37, 11-21.	2.3	10
228	Hydrogenation of an iridium-coordinated imidazol-2-ylidene ligand fragment. <i>Chemical Communications</i> , 2018, 54, 3843-3846.	4.1	10
229	Neutral Bis(imino)-1,4-dihydropyridinate and Cationic Bis(imino)pyridine η^2 -Alkylzinc(II) Complexes as Hydride Exchange Systems: Classic Organometallic Chemistry Meets Ligand-Centered, Biomimetic Reactivity. <i>Organometallics</i> , 2018, 37, 1734-1744.	2.3	10
230	Synthesis of Novel Polyethers in a Geometrically Precise Conformation. <i>Organic Letters</i> , 1999, 1, 725-728.	4.6	9
231	Solid-State Structures and Solution Studies of Novel Cyclopentadienyl Mercury Compounds. <i>Inorganic Chemistry</i> , 2007, 46, 4667-4676.	4.0	9
232	Stereoselective synthesis of cationic heterobidentate C(NHC)/SR rhodium(I) complexes using stereodirecting N,N-dialkylamino groups. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1557-1562.	1.8	9
233	The Elusive Palladium–Diazo Adduct Captured: Synthesis, Isolation and Structural Characterization of [(ArNHC ₂) ₂ Pd(η^2 -N ₂ C(Ph)CO ₂ Et)]. <i>Chemistry - A European Journal</i> , 2017, 23, 7667-7671.	3.3	9
234	Aerobic intramolecular carbon–hydrogen bond oxidation promoted by Cu(σ -alkyl) complexes. <i>Dalton Transactions</i> , 2020, 49, 14647-14655.	3.3	9

#	ARTICLE	IF	CITATIONS
235	Studies on Glomus Cell Sensitivity to Hypoxia in Carotid Body Slices. <i>Advances in Experimental Medicine and Biology</i> , 2003, 536, 65-73.	1.6	9
236	Ammonia- π -Borane Dehydrogenation Catalyzed by Dual-Mode Proton-Responsive Ir-CNNH Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 18490-18502.	4.0	9
237	Homochiral imidazolium-based dicarboxylate silver(σ) compounds: synthesis, characterisation and antimicrobial properties. <i>Dalton Transactions</i> , 2022, 51, 5061-5071.	3.3	9
238	A unified stereochemical model for the polyepoxide cyclization route to marine polyether toxins. <i>Tetrahedron Letters</i> , 1991, 32, 2253-2254.	1.4	8
239	One-Pot Conversion of Serine Derivatives and Amino Sugars into Oxazine Derivatives of β -Aryl- β -(hydroxy)amines. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 391-397.	2.4	8
240	Facile Oxygen Atom Insertion into Unactivated C(sp ³)-C(sp ²) Single Bonds in Reactions of Iridium(III) Complexes with O ₂ . <i>Organometallics</i> , 2013, 32, 714-717.	2.3	8
241	Isolation and X-ray characterization of palladium-N complexes in the guanylation of aromatic amines. Mechanistic implications. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1455-1462.	2.2	8
242	Asymmetric hydrogenation reactions with Rh and Ru complexes bearing phosphine-phosphites with an oxymethylene backbone. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 744-749.	1.8	8
243	Double A ³ -Coupling of Primary Amines Catalysed by Gold Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 16356-16367.	3.3	8
244	Antimicrobial Properties of Amino-Acid-Derived N-Heterocyclic Carbene Silver Complexes. <i>Pharmaceutics</i> , 2022, 14, 748.	4.5	8
245	Stereoselective Synthesis of trans-2-Ethynyl-3-hydroxytetrahydropyran Derivatives. <i>Synlett</i> , 1996, 1996, 1082-1084.	1.8	7
246	Experimental Evidences in Favour of the Hydroxylamine-Nitrene-Water Tautomerization on the Coordination Sphere of Ir ^{III} Centres. <i>Chemistry - A European Journal</i> , 2013, 19, 10128-10131.	3.3	7
247	Aldehyde-Assisted Hydrogen Transfer during the Formation of Hydride-Iridafurans from Alkynes and Aldehydes. <i>Chemistry - A European Journal</i> , 2013, 19, 1796-1809.	3.3	7
248	Reactivity of Tp ^{Me2} -Containing Hydride-Iridafurans with Alkenes, Alkynes, and H ₂ . <i>Organometallics</i> , 2014, 33, 6431-6442.	2.3	7
249	Synthesis, characterization and molecular structure of a zinc(II) formate-2,2'-bipyridine mono-dimensional coordination polymer. Comparison with other 2,2'-bipyridine coordination compounds. <i>Inorganica Chimica Acta</i> , 2016, 453, 263-267.	2.4	7
250	Discovery of a Potent β -Galactosidase Inhibitor by in Situ Analysis of a Library of Pyrrolizidine-(Thio)urea Hybrid Molecules Generated via Click Chemistry. <i>Journal of Organic Chemistry</i> , 2018, 83, 8863-8873.	3.2	7
251	Steric Tuning of Sulfinamide/Sulfoxides as Chiral Ligands with C ₁ , Pseudo-meso, and Pseudo-C ₂ Symmetries: Application in Rhodium(I)-Mediated Arylation. <i>Organic Letters</i> , 2019, 21, 6513-6518.	4.6	7
252	Hybrid benzidinium lead iodide perovskites with a 1D structure as photoinduced electron transfer photocatalysts. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2356-2360.	4.9	7

#	ARTICLE	IF	CITATIONS
253	Synthesis and structural characterization of homochiral coordination polymers with imidazole-based monocarboxylate ligands. <i>Dalton Transactions</i> , 2019, 48, 8731-8739.	3.3	7
254	Model studies directed toward microalga polyether macrolides: A route to oxygenated 2,5-cis tetrahydrofuran subunits. <i>Tetrahedron Letters</i> , 1989, 30, 3729-3732.	1.4	6
255	Coupling Radical and Ionic Processes: An Unusual Rearrangement Affords Sugar and α -Glycoside Derivatives. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3853-3857.	2.4	6
256	Highly fluorinated zirconocene(IV) complexes and their catalytic applications in the polymerization of ethylene. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1794-1800.	1.8	6
257	Reactivity of a Tp ⁺ Iridacyclopentene Complex. <i>Organometallics</i> , 2015, 34, 5438-5453.	2.3	6
258	Metal-free, direct conversion of α -amino acids into α -keto β -amino esters for the synthesis of α , β -peptides. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7736-7742.	2.8	6
259	Homochiral imidazolium-based dicarboxylate compounds: Structure and solution behaviour. <i>Inorganica Chimica Acta</i> , 2020, 513, 119923.	2.4	6
260	Metalated Ir ⁺ CNP Complexes Containing Imidazolin ⁺ ylidene and Imidazolidin ⁺ ylidene Donors α Synthesis, Structure, Luminescence, and Metal ⁺ Ligand Cooperative Reactivity. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3944-3953.	2.0	6
261	A combined experimental and computational study to decipher complexity in the asymmetric hydrogenation of imines with Ru catalysts bearing atropisomerizable ligands. <i>Catalysis Science and Technology</i> , 2021, 11, 2497-2511.	4.1	6
262	Zero-valent ML ₂ complexes of group 10 metals supported by terphenyl phosphanes. <i>Chemical Communications</i> , 2021, 57, 3083-3086.	4.1	6
263	N-substituted aminobiphenyl palladacycles stabilized by dialkylterphenyl phosphanes: Preparation and applications in C N cross-coupling reactions. <i>Inorganica Chimica Acta</i> , 2021, 518, 120214.	2.4	6
264	Structure of 6-chloro-10-oxabicyclo[5.2.1]decane-2,3-diol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1990, 46, 1655-1657.	0.4	5
265	Multinuclear silver(⁺) XPhos complexes with cyclooctatetraene: photochemical C ⁺ C bond cleavage of acetonitrile and cyanide bridged Ag cluster formation. <i>Dalton Transactions</i> , 2016, 45, 5444-5450.	3.3	5
266	Thiodipropionate Zn ^{II} Complexes: Synthesis, DFT Studies, and X-ray Structure of $\{[Zn(phen)(H_2O)]_2(\mu_4-tdp)_2\} \cdot 3H_2O$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 2409-2412.	1.2	4
267	Alkoxyamine-cyanoborane adducts: efficient cyanoborane transfer agents. <i>Chemical Communications</i> , 2011, 47, 5617-5619.	4.1	4
268	Intramolecular cyclization of alkoxyaminosugars: access to novel glycosidase inhibitor families. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4220.	2.8	4
269	Synthesis, Characterization, and Reactivity of Ruthenium Bis-Allyl Complexes with Chiral Phosphine-Phosphite Ligands. <i>Organometallics</i> , 2012, 31, 3551-3564.	2.3	4
270	Protonolysis of Fe ⁺ C bonds of a diiminopyridineiron(II) dialkyl complex by acids of different strengths: Influence of monoanionic ligands on the spectroscopic properties of diiminopyridine-Fe ₂ complexes. <i>Inorganica Chimica Acta</i> , 2014, 412, 73-78.	2.4	4

#	ARTICLE	IF	CITATIONS
271	Synthesis, stereoisomerism and crystal structures of neutral hexacoordinate silicon(IV) complexes with Salen-O,N,N,O and thiocyanato-N ligands. <i>Inorganica Chimica Acta</i> , 2015, 428, 93-99.	2.4	4
272	Efficient Two-Step Multifunctionalization of Substituted 2-Hydroxyglycopyranosides. <i>Synlett</i> , 2017, 28, 201-206.	1.8	4
273	Aluminium(III) dialkyl 2,6-bisimino-4- <i>R</i> -dihydropyridinates(λ^1): selective synthesis, structure and controlled dimerization. <i>Dalton Transactions</i> , 2019, 48, 9104-9116.	3.3	4
274	Neutral, cationic and anionic organonickel and -palladium complexes supported by iminophosphine/phosphinoenaminato ligands. <i>Dalton Transactions</i> , 2020, 49, 322-335.	3.3	4
275	Nanosized copper stabilized on ternary P, N, S-doped graphene from chitosan shellfish waste: preparation and catalysis of single and double A3-type amine coupling. <i>Materials Today Sustainability</i> , 2022, 18, 100109.	4.1	4
276	Synthesis and characterization of chiral bidentate bis(N-heterocyclic carbene)-carboxylate palladium and nickel complexes. <i>Inorganica Chimica Acta</i> , 2022, 537, 120946.	2.4	4
277	Chirality influence on the cytotoxic properties of anionic chiral bis(N-heterocyclic carbene)silver complexes. <i>Journal of Inorganic Biochemistry</i> , 2022, 235, 111924.	3.5	4
278	Rhodium and iridium olefin complexes with bulky cyclopentadienyl and hydrotris(pyrazolyl)borate ligands. <i>Inorganica Chimica Acta</i> , 2009, 362, 4539-4545.	2.4	3
279	Model Studies Directed Towards Microalga Polyether Toxins. <i>Bulletin Des Sociétés Chimiques Belges</i> , 1990, 99, 635-645.	0.0	3
280	Allylic C-H Activation of Olefins by a TpMe2Ir(III) Compound. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2534-2542.	2.0	3
281	Group 9 and 10 complexes with the bidentate di(1H-indazol-1-yl)methane and di(2H-indazol-2-yl)methane ligands: synthesis and structural characterization. <i>New Journal of Chemistry</i> , 2016, 40, 5695-5703.	2.8	3
282	Functionalization of β -iridacyclopentenes. <i>Chemistry - A European Journal</i> , 2017, 23, 16346-16356.	3.3	3
283	Fingerprinting the Nature of Anions in Pyrylium Complexes: Dual Binding Mode for Anion- π Interactions. <i>ChemPhysChem</i> , 2018, 19, 327-334.	2.1	3
284	A Versatile Approach to Access Trimetallic Complexes Based on Trisphosphinite Ligands. <i>Molecules</i> , 2020, 25, 593.	3.8	3
285	C2-Symmetric Bis-Thioglycosides as Useful Ligands in Palladium-Catalyzed Asymmetric Allylic Alkylation: Synthesis of Both Enantiomers Using Natural Sugars as Ligand Precursors. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005, 180, 1507-1508.	1.6	2
286	3-(Piperidin-1-ium-1-yl)-6-azoniaspiro[5.5]undecane dibromide monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1308-o1309.	0.2	2
287	Studies on the Synthesis of 2-Alkyl-5-aryl-1,3,4-oxadiazolines from N-Acylhydrazones. <i>Synlett</i> , 2012, 23, 885-888.	1.8	2
288	Copper(I)-Arene Complexes with a Sterically Hindered Tris(pyrazolyl)borate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2026-2030.	2.0	2

#	ARTICLE	IF	CITATIONS
289	Synthesis, Structure, Reactivity and Catalytic Implications of a Cationic, Acetylide-Bridged Trigold "JohnPhos Species. <i>Chemistry - A European Journal</i> , 2020, 26, 8810-8818.	3.3	2
290	A Practical Synthesis of Enantiopure 4,5-Dihydroisoxazole-5-carboxylic Acids. <i>Synlett</i> , 2005, 2005, 2899-2904.	1.8	1
291	A supramolecular copper(II) compound with double bridging water ligands: synthesis, crystal structure, spectroscopy, thermal analysis, and magnetism. <i>Transition Metal Chemistry</i> , 2013, 38, 21-29.	1.4	1
292	Halide encapsulation by dicarboxylate oxido-vanadium cage complexes. <i>Dalton Transactions</i> , 2018, 47, 2183-2191.	3.3	1
293	Nucleophilic Nickel and Palladium Pincer Hydroxides: A Study of Their Reactions with Dimethyl Carbonate and Other Non-Alkylating Organic Electrophiles. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2958-2975.	2.0	1
294	Electrophilic activation of alkynes promoted by a cationic alkylidene complex of Pt(κ^2). <i>Dalton Transactions</i> , 2022, , .	3.3	1
295	Highly Enantioselective Hydrogenation of Enol Ester Phosphonates Catalyzed by Rhodium Phosphine-Phosphite Complexes.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
296	The Isopropylsulfinyl Group: A Useful Chiral Controller for the Asymmetric Aziridination of Sulfinylimines and the Organocatalytic Allylation of Hydrazones.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
297	Aza-Michael Addition of Chiral Hydrazines to Alkylidene Malonates.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
298	Asymmetric Mannich-Type Addition of Ketene Silyl Acetals and Thioacetals to N,N-Dialkylhydrazones. <i>Synthesis</i> , 2006, 2006, 540-550.	2.3	0
299	$\{[Na_1(\frac{1}{4}H_2O)Na_2]_2[(C_2O_4)_2Cr(\frac{1}{4}OH)_2Cr(C_2O_4)_2] \cdot nH_2O\}_n$, a novel hydrated form. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m990-m991.	0.2	0
300	Synthesis of Novel 3-Amino(Hydroxy)methyl-l-fuco-Azafagomines as Leads for Selective Inhibitors of α -l-Fucosidases. <i>Synlett</i> , 2010, 2010, 1367-1370.	1.8	0
301	Frontispiece: Preparation of Tremorine and Gemini Surfactant Precursors with Cationic Ethynyl-Bridged Digold Catalysts. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0
302	Frontispiece: Catalytic Nitrene Transfer To Alkynes: A Novel and Versatile Route for the Synthesis of Sulfinamides and Isothiazoles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, .	13.8	0
303	Frontispiz: Catalytic Nitrene Transfer To Alkynes: A Novel and Versatile Route for the Synthesis of Sulfinamides and Isothiazoles. <i>Angewandte Chemie</i> , 2017, 129, .	2.0	0
304	Synthesis of α,β -Dicarbonylhydrazones by Aerobic Manganese-Catalysed Oxidation. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3768-3780.	4.3	0