

# Alexander Pätzthig

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9413831/publications.pdf>

Version: 2024-02-01

168  
papers

4,221  
citations

116194

36  
h-index

190340

53  
g-index

169  
all docs

169  
docs citations

169  
times ranked

5079  
citing authors

#	ARTICLE	IF	CITATIONS
1	A versatile Fe(II) diketonate diamine adduct: Preparation, characterization and validation in the chemical vapor deposition of iron oxide nanomaterials. <i>Materials Chemistry and Physics</i> , 2022, 277, 125534.	2.0	7
2	Crystal structure of a hexacationic Ag(I)-pillarplex-dodecyl-diammonium pseudo-rotaxane as terephthalate salt. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2022, 237, 167-177.	0.4	1
3	Dimethylphosphine <i>i&gt;P&lt;/i&gt;-Oxide as a Synthetic Platform for Bulky and Chiral Ligands with Dimethylphosphino Donor Groups. <i>Organometallics</i>, 2022, 41, 1-19.</i>	1.1	7
4	Recent advances of multiphoton absorption in metal-organic frameworks. <i>Journal of Materials Chemistry C</i> , 2022, 10, 6912-6934.	2.7	12
5	Highly-fluorescent BODIPY-functionalised metallocages as drug delivery systems: synthesis, characterisation and cellular accumulation studies. <i>Dalton Transactions</i> , 2022, 51, 7476-7490.	1.6	8
6	A nitrophenyl-carbazole based push-pull linker as a building block for non-linear optical active coordination polymers: A structural and photophysical study. <i>Dyes and Pigments</i> , 2021, 186, 109012.	2.0	8
7	Activation of Molecular Oxygen by a Cobalt(II) Tetra-NHC Complex**. <i>Chemistry - A European Journal</i> , 2021, 27, 1311-1315.	1.7	10
8	Facile preparation of a cobalt diamine diketonate adduct as a potential vapor phase precursor for Co <sub>3</sub> O <sub>4</sub> films. <i>Dalton Transactions</i> , 2021, 50, 10374-10385.	1.6	9
9	Triazolate-based pillarplexes: shape-adaptive metallocavitands via rim modification of macrocyclic ligands. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4061-4070.	2.3	9
10	Molecular Oxygen Activation by Redox-Switchable Anthraquinone-Based Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2021, 60, 4676-4682.	1.9	5
11	Preparation of Neutral <i>trans-cis</i> [Ru(O <sub>2</sub> CR) <sub>2</sub> P <sub>2</sub> (NN)], Cationic [Ru(O <sub>2</sub> CR) <sub>2</sub> P <sub>2</sub> (NN)](O <sub>2</sub> CR) and Pincer [Ru(O <sub>2</sub> CR)(CNN)P <sub>2</sub> ] (P = PPh <sub>3</sub> , P <sub>2</sub> = diphosphine) Carboxylate Complexes and their Application in the Catalytic Carbonyl Compounds Reduction. <i>Organometallics</i> , 2021, 40, 1086-1103.	1.1	4
12	Investigation of Solvatomorphism and Its Photophysical Implications for Archetypal Trinuclear Au <sub>3</sub> (1-Methylimidazolate) <sub>3</sub> . <i>Molecules</i> , 2021, 26, 4404.	1.7	0
13	Bimetallic Platinum Group Complexes of a Macrocyclic Pyrazolate/NHC Hybrid Ligand. <i>Organometallics</i> , 2021, 40, 3056-3065.	1.1	3
14	C-C Cross-Couplings from a Cyclometalated Au(III) CN Complex: Mechanistic Insights and Synthetic Developments. <i>Chemistry - A European Journal</i> , 2021, 27, 14322-14334.	1.7	8
15	Synthesis, Structural Characterization and Antiproliferative Activity of Gold(I) and Gold(III) Complexes Bearing Thioether-Functionalized N-Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4196-4206.	1.0	8
16	New Access Routes to Privileged and Chiral Ligands for Transition-Metal Catalyzed Hydrogen Autotransfer (Borrowing Hydrogen), Dehydrogenative Condensation, and Alkene Isomerization Reactions. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100175.	1.0	2
17	Introducing Benzene-1,3,5-tri(dithiocarboxylate) as a Multidentate Linker in Coordination Chemistry. <i>Inorganic Chemistry</i> , 2021, 60, 19242-19252.	1.9	2
18	Combined Experimental and Theoretical Study on Hampered Phosphine Dissociation in Heteroleptic Ni/Zn Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 514-522.	1.9	6

#	ARTICLE	IF	CITATIONS
19	Exploring the Reactivity and Biological Effects of Heteroleptic Nâ€Heterocyclic Carbene Gold(I)â€Alkynyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1040-1051.	1.0	26
20	Postsynthetic Framework Contraction Enhances the Two-Photon Absorption Properties of Pillar-Layered Metalâ€Organic Frameworks. <i>Chemistry of Materials</i> , 2020, 32, 5682-5690.	3.2	15
21	New homoleptic gold carbene complexes via Agâ€Au transmetalation: synthesis and application of [Au(diNHC)2]3+ cations as 1H-NMR and UV-vis halide sensors. <i>New Journal of Chemistry</i> , 2020, 44, 5343-5353.	1.4	3
22	Dinuclear Gold(I) Complexes Bearing N,Nâ€2â€Allylâ€Bridged Bisimidazolylidene Ligands. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1848-1851.	1.7	7
23	Dinuclear zwitterionic silver(<sc>i</sc>) and gold(<sc>i</sc>) complexes bearing 2,2-acetate-bridged bisimidazolylidene ligands. <i>Dalton Transactions</i> , 2019, 48, 14036-14043.	1.6	12
24	Isospecific Group-Transfer Polymerization of Diethyl Vinylphosphonate and Multidimensional NMR Analysis of the Polymer Microstructure. <i>Macromolecules</i> , 2019, 52, 7073-7080.	2.2	11
25	Discovery of Polyoxo-Noble-Metalate-Based Metalâ€Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 3385-3389.	6.6	43
26	Structures and biological activities of cycloheptamycins A and B. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6595-6600.	1.5	1
27	Controlling Multiphoton Absorption Efficiency by Chromophore Packing in Metalâ€Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2019, 141, 11594-11602.	6.6	56
28	Isolation of an Nâ€Heterocyclic Carbene Complex of a Borasilene. <i>Chemistry - A European Journal</i> , 2019, 25, 11036-11041.	1.7	62
29	Recent Developments of Supramolecular Metal-based Structures for Applications in Cancer Therapy and Imaging. <i>Theranostics</i> , 2019, 9, 3150-3169.	4.6	133
30	Nichtâ€unschuldiger Methylenâ€Linker in verbrÃ¼ckten Lewisâ€Paarâ€Initiatoren. <i>Angewandte Chemie</i> , 2019, 131, 9902-9906.	1.6	6
31	Nonâ€innocent Methylene Linker in Bridged Lewis Pair Initiators. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9797-9801.	7.2	22
32	Access to Biphenyls by Palladium-Catalyzed Oxidative Coupling of Phenyl Carbamates and Phenols. <i>Synthesis</i> , 2019, 51, 3060-3076.	1.2	2
33	Flat and Efficient H<i>CNN</i> and <i>CNN</i> Pincer Ruthenium Catalysts for Carbonyl Compound Reduction. <i>Organometallics</i> , 2019, 38, 1127-1142.	1.1	15
34	Synthesis, characterization, and biological studies of multidentate gold(<sc>i</sc>) and gold(<sc>iii</sc>) NHC complexes. <i>Dalton Transactions</i> , 2019, 48, 16615-16625.	1.6	19
35	Coordination chemistry of gold with <i>N</i>-phosphine oxide-substituted imidazolylidenes (POxIm). <i>New Journal of Chemistry</i> , 2019, 43, 17275-17283.	1.4	12
36	[6Ë] Photocyclization to cis-Hexahydrocarbazol-4-ones: Substrate Modification, Mechanism, and Scope. <i>Journal of Organic Chemistry</i> , 2019, 84, 1139-1153.	1.7	23

#	ARTICLE	IF	CITATIONS
37	Synthesis, characterization and derivatization of hydroxyl-functionalized iron( <i>ii</i> ) bis(NHC) complexes. Dalton Transactions, 2018, 47, 1857-1867.	1.6	4
38	NXS, Morpholine, and HFIP: The Ideal Combination for Biomimetic Haliranium-Induced Polyene Cyclizations. Journal of the American Chemical Society, 2018, 140, 4344-4353.	6.6	82
39	Three-coordinate Boron(III) and Diboron(II) Dications. Chemistry - A European Journal, 2018, 24, 4283-4288.	1.7	35
40	Katalytische, positionen- und enantioselektive C-H-Oxygenierung durch einen chiralen Mangan-Porphyrin-Komplex mit einer entfernten Bindungsstelle. Angewandte Chemie, 2018, 130, 3003-3007.	1.6	26
41	Site- and Enantioselective C-H Oxygenation Catalyzed by a Chiral Manganese Porphyrin Complex with a Remote Binding Site. Angewandte Chemie - International Edition, 2018, 57, 2953-2957.	7.2	94
42	Embryonic brass: pseudo two electron Cu/Zn clusters. Chemical Science, 2018, 9, 8906-8913.	3.7	22
43	Antimicrobial Activity and Cytotoxicity of Ag(I) and Au(I) Pillarplexes. Frontiers in Chemistry, 2018, 6, 584.	1.8	22
44	Suppressed Phosphine Dissociation by Polarization Effects on the Donor-Acceptor Bonds in [Ni(PEt <sub>3</sub> ) <sub>4</sub> ] <sup>n+</sup> (ECp*) <sup>n-</sup> (E = Al, Ga). Inorganic Chemistry, 2018, 57, 12657-12664.	1.9	15
45	Ein isolierbarer terminaler Imidkomplex des Palladiums und katalytische Implikationen. Angewandte Chemie, 2018, 130, 16463-16467.	1.6	9
46	An Isolable Terminal Imido Complex of Palladium and Catalytic Implications. Angewandte Chemie - International Edition, 2018, 57, 16228-16232.	7.2	37
47	Stereochemistry of the Menthyl Grignard Reagent: Generation, Composition, Dynamics, and Reactions with Electrophiles. Journal of Organic Chemistry, 2018, 83, 15009-15028.	1.7	9
48	Selective and catalytic carbon dioxide and heteroallene activation mediated by cerium N-heterocyclic carbene complexes. Chemical Science, 2018, 9, 8035-8045.	3.7	39
49	Behind the Scenes of Group 4 Metallocene Catalysis: Examination of the Metal-Carbon Bond. Organometallics, 2018, 37, 2690-2705.	1.1	24
50	Synthesis and Neurotrophic Activity Studies of <i>Illicium</i> Sesquiterpene Natural Product Analogues. Chemistry - A European Journal, 2017, 23, 3178-3183.	1.7	18
51	Host-Catalyzed Cyclodehydration-Rearrangement Cascade Reaction of Unsaturated Tertiary Alcohols. Advanced Synthesis and Catalysis, 2017, 359, 1331-1338.	2.1	27
52	A macrocyclic <sup>-</sup> CoO <sup>TM</sup> complex: the relevance of ligand non-innocence to reactivity. Chemical Communications, 2017, 53, 7282-7285.	2.2	10
53	Enantioselective photocyclisation reactions of 2-aryloxycyclohex-2-enones mediated by a chiral copper-bisoxazoline complex. Tetrahedron, 2017, 73, 5038-5047.	1.0	19
54	Brønsted Acid Catalysis in Visible-Light-Induced [2+2]-Photocycloaddition Reactions of Enone Dithianes. Angewandte Chemie - International Edition, 2017, 56, 4337-4341.	7.2	38

#	ARTICLE	IF	CITATIONS
55	Brønsted-Åure-Katalyse der [2+2]-Photocycloaddition von Enondithianen bei Bestrahlung mit sichtbarem Licht. <i>Angewandte Chemie</i> , 2017, 129, 4401-4405.	1.6	17
56	A hybrid carbocyclic/N-heterocyclic carbene ligand. <i>Chemical Communications</i> , 2017, 53, 2098-2101.	2.2	9
57	Ultrarigid Indenyl-based Hafnocene Complexes for the Highly Ioselective Polymerization of Propene: Tunable Polymerization Performance Adopting Various Sterically Demanding 4-Aryl Substituents. <i>Organometallics</i> , 2017, 36, 399-408.	1.1	22
58	Chalcogen-atom transfer and exchange reactions of NHC-stabilized heavier silacylium ions. <i>Dalton Transactions</i> , 2017, 46, 16014-16018.	1.6	23
59	A pH-Dependent, Mechanically Interlocked Switch: Organometallic [2]Rotaxane vs. Organic [3]Rotaxane. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15733-15736.	7.2	73
60	A Pd Halide Cluster from 1964: Pd <sub>6</sub> Cl <sub>8</sub> Capped by Ring-Opened C <sub>3</sub> Ph <sub>3</sub> Ligands from Oxidative Addition of Cyclopropenium Ions. <i>Organometallics</i> , 2017, 36, 4348-4350.	1.1	4
61	Toolbox of Nonmetallocene Lanthanides: Multifunctional Catalysts in Group-Transfer Polymerization. <i>Inorganic Chemistry</i> , 2017, 56, 9754-9764.	1.9	30
62	Dimerization of a mixed-carbene Pd <sup>II</sup> dibromide complex by elemental iodine. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 1131-1136.	0.2	1
63	Ein pH-abhängiger, mechanisch verzahnter Schalter: organometallisches [2]Rotaxan und organisches [3]Rotaxan. <i>Angewandte Chemie</i> , 2017, 129, 15939-15942.	1.6	15
64	The Ambivalent Nature of Halogenated Tropone Derivatives: Dihalocycloheptatriene vs. Halotropylum Halide. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4255-4259.	1.2	5
65	Rational Synthesis and Electronic Structure of Functionalized Trinuclear Pd Metal Sheet Sandwich Complexes. <i>Organometallics</i> , 2017, 36, 2772-2783.	1.1	12
66	Synthesis of ramariolide natural products and discovery of their targets in mycobacteria. <i>Chemical Communications</i> , 2017, 53, 107-110.	2.2	19
67	Hydroxytropylium chloride: the first crystal structure of an unfunctionalized hydroxytropylium ion. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 810-813.	0.2	4
68	A hybrid imidazolylidene/imidazolium nickel NHC complex: an isolated intermediate. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 880-884.	0.2	1
69	N-Heterocyclic Carbene Coinage Metal Complexes of the Germanium-Rich Metalloid Clusters [Ge <sub>9</sub> R <sub>3</sub> ] <sup>+</sup> and [Ge <sub>9</sub> R <sub>12</sub> ] <sup>2+</sup> with R = Si(iPr) <sub>3</sub> and RI = Si(TMS) <sub>3</sub> . <i>Molecules</i> , 2017, 22, 1204.	1.7	29
70	A halide-free pyridinium-substituted $\lambda^3$ -cycloheptatrienide-Pd complex. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 754-759.	0.2	0
71	Enantioselective Visible-Light-Induced Radical-Addition Reactions to $\beta$ -Alkylidene Indolinones. <i>Chemistry - A European Journal</i> , 2016, 22, 6519-6523.	1.7	58
72	Iodine(III)-Catalyzed Cascade Reactions Enabling a Direct Access to $\hat{2}$ -Lactams and $\hat{1}$ -Hydroxy- $\hat{2}$ -amino Acids. <i>Organic Letters</i> , 2016, 18, 3466-3469.	2.4	21

#	ARTICLE	IF	CITATIONS
73	Evaluation of New Palladium Cages as Potential Delivery Systems for the Anticancer Drug Cisplatin. Chemistry - A European Journal, 2016, 22, 2253-2256.	1.7	119
74	Kinetic studies of fluorinated aryl molybdenum( $\eta^5$ ) tricarbonyl precursors in epoxidation catalysis. Catalysis Science and Technology, 2016, 6, 4970-4977.	2.1	11
75	Pillarplexes: A Metal-Free Organic Class of Supramolecular Hosts. Journal of the American Chemical Society, 2016, 138, 13171-13174.	6.6	78
76	Next Generation Multiresponsive Nanocarriers for Targeted Drug Delivery to Cancer Cells. Chemistry - A European Journal, 2016, 22, 14576-14584.	1.7	26
77	Aluminum Hydrides Stabilized by $N$ -Heterocyclic Imines as Catalysts for Hydroborations with Pinacolborane. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1245-1250.	0.6	70
78	End of Frustration: Catalytic Precision Polymerization with Highly Interacting Lewis Pairs. Journal of the American Chemical Society, 2016, 138, 7776-7781.	6.6	110
79	A Pd <sub>4</sub> Br <sub>4</sub> macrocycle trapped by cocrystallization from a highly dynamic equilibrium of $\eta^3$ -cycloheptatrienide complexes. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 509-513.	0.2	4
80	Reactivity of an Acyclic Silylsilylene toward Ethylene: Migratory Insertion into the Si-Si Bond. Organometallics, 2016, 35, 1-4.	1.1	35
81	A Fluorination/Aryl Migration/Cyclization Cascade for the Metal-Free Synthesis of Fluoro-Benzoxazepines. Chemistry - A European Journal, 2016, 22, 3660-3664.	1.7	84
82	Electron-Deficient $\eta^2$ -Diiminato-Zinc-Ethyl Complexes: Synthesis, Structure, and Reactivity in Ring-Opening Polymerization of Lactones. Organometallics, 2016, 35, 681-685.	1.1	44
83	Ligand Induced Steric Crowding in Rare Earth Metal-Mediated Group Transfer Polymerization of Vinylphosphonates: Does Enthalpy Matter?. Macromolecules, 2016, 49, 1582-1589.	2.2	12
84	Six- and seven-coordinate Fe( $\eta^5$ ) and Zn( $\eta^5$ ) compounds ligated by unsymmetric xanthene-based ligands: characterization and magnetic properties. Inorganic Chemistry Frontiers, 2016, 3, 616-629.	3.0	6
85	Pyrrole as a Directing Group: Regioselective Pd(II)-Catalyzed Alkylation and Benzoylation at the Benzene Core of 2-Phenylpyrroles. Organic Letters, 2016, 18, 852-855.	2.4	51
86	Binding of molecular oxygen by an artificial heme analogue: investigation on the formation of an Fe <sup>II</sup> -tetracarbene superoxo complex. Dalton Transactions, 2016, 45, 6449-6455.	1.6	43
87	Capsoplexes: encapsulating complexes via guest recognition. Chemical Communications, 2016, 52, 9089-9092.	2.2	19
88	Decoding catalytic activity of platinum carbene hydrosilylation catalysts. Journal of Catalysis, 2016, 337, 157-166.	3.1	23
89	Filling a Gap: Electrochemical Property Comparison of the Completed Compound Series [Mo <sub>2</sub> (DArF) <sub>n</sub> (O <sub>2</sub> C-Fc) <sub>4</sub> ] <sub>n</sub> (DArF =) Tj ETQq1_1_0.784314 rgBT / 1.9_4	1.9	4
90	Formation of Highly Strained $N$ -Heterocycles via Decomposition of Iron $N$ -Heterocyclic Carbene Complexes: The Value of Labile Fe-C Bonds. Chemistry - A European Journal, 2015, 21, 17860-17869.	1.7	16

#	ARTICLE	IF	CITATIONS
91	Synergistic Stereocontrol in the Enantioselective Ruthenium-Catalyzed Sulfoxidation of Spirodithiolane-Indolones. <i>Chemistry - A European Journal</i> , 2015, 21, 10310-10313.	1.7	12
92	Mechanistic Investigations of the Stereoselective Rare Earth Metal-Mediated Ring-Opening Polymerization of $\gamma$ -Butyrolactone. <i>Chemistry - A European Journal</i> , 2015, 21, 13609-13617.	1.7	33
93	Fighting Fenton Chemistry: A Highly Active Iron(III) Tetracarbene Complex in Epoxidation Catalysis. <i>ChemSusChem</i> , 2015, 8, 4056-4063.	3.6	62
94	Aryl-substituted organomolybdenum(ii) complexes as olefin epoxidation catalysts. <i>Catalysis Science and Technology</i> , 2015, 5, 4772-4777.	2.1	9
95	Introducing a pyrazole/imidazole based hybrid cyclophane: a hydrogen bond sensor and binucleating ligand precursor. <i>Dalton Transactions</i> , 2015, 44, 11278-11281.	1.6	34
96	Ru-Ag and Ru-Au dicarbene complexes from an abnormal carbene ruthenium system. <i>Dalton Transactions</i> , 2015, 44, 11686-11689.	1.6	31
97	Iron Complexes of a Macrocyclic N-Heterocyclic Carbene/Pyridine Hybrid Ligand. <i>Organometallics</i> , 2015, 34, 2819-2825.	1.1	41
98	Oxidative degradation of the organometallic iron(II) complex [Fe{bis[3-(pyridin-2-yl)-1H-imidazol-1-yl]methane}(MeCN)(PMe <sub>3</sub> ) <sub>3</sub> ](PF <sub>6</sub> ) <sub>2</sub> : structure of the ligand decomposition product trapped via coordination to iron(II). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 1096-1099.	0.2	2
99	Application of Open Chain Tetraimidazolium Salts as Precursors for the Synthesis of Silver Tetra(NHC) Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 415-417.	1.9	39
100	C-H Bond Activation by $\sigma$ -Bond Metathesis as a Versatile Route toward Highly Efficient Initiators for the Catalytic Precision Polymerization of Polar Monomers. <i>Organometallics</i> , 2015, 34, 2703-2706.	1.1	36
101	Catalytic epoxidation by perrhenate through the formation of organic-phase supramolecular ion pairs. <i>Chemical Communications</i> , 2015, 51, 3399-3402.	2.2	20
102	Spectroscopic and Structural Properties of Bridge-Functionalized Dinuclear Coinage-Metal (Cu, Ag, Au) Complexes. <i>Chemical Communications</i> , 2015, 51, 1071-1073.	1.1	45
103	Influence of structural and electronic properties of organomolybdenum(ii) complexes of the type [CpMo(CO) <sub>3</sub> R] and [CpMo(O) <sub>2</sub> (O)R] (R = Cl, CH <sub>3</sub> , CF <sub>3</sub> ) on the catalytic olefin epoxidation. <i>Catalysis Science and Technology</i> , 2015, 5, 2282-2289.	2.1	13
104	Iodine(III)-Catalyzed Rearrangements of Imides: A Versatile Route to $\alpha,\beta$ -Dialkylated $\alpha,\beta$ -Hydroxy Carboxylamides. <i>Chemistry - A European Journal</i> , 2015, 21, 1444-1448.	1.7	32
105	2-Amino-1,3,5-triazine chemistry: hydrogen-bond networks, Takemoto thiourea catalyst analogs, and olfactory mapping of a sweet-smelling triazine. <i>Monatshefte für Chemie</i> , 2015, 146, 1529-1539.	0.9	4
106	Synthesis and Electrochemical Properties of <i>cis</i> - and <i>trans</i> -[Mo <sub>2</sub> (O) <sub>2</sub> (C-Fc) <sub>2</sub> (DArF) <sub>2</sub> ] (O <sub>2</sub> (C-Fc) = Ferrocenecarboxylate; DArF = <i>N,N</i> -Diarylformamidinate). <i>Inorganic Chemistry</i> , 2015, 54, 6631-6640.	1.9	5
107	Immobilisation of a molecular epoxidation catalyst on UiO-66 and -67: the effect of pore size on catalyst activity and recycling. <i>Dalton Transactions</i> , 2015, 44, 15976-15983.	1.6	38
108	Structural diversity of late transition metal complexes with flexible tetra-NHC ligands. <i>Dalton Transactions</i> , 2015, 44, 18329-18339.	1.6	45



#	ARTICLE	IF	CITATIONS
109	Rational Synthesis and Characterization of Dimolybdenum(II) Compounds Bearing Ferrocenyl-Containing Ligands toward Modulation of Electronic Coupling. <i>Inorganic Chemistry</i> , 2015, 54, 3272-3280.	1.9	4
110	Enantioselective Template-Directed [2+2] Photocycloadditions of Isoquinolones: Scope, Mechanism and Synthetic Applications. <i>Chemistry - A European Journal</i> , 2015, 21, 6906-6912.	1.7	36
111	Direct Synthesis and Bonding Properties of the First $\lambda^2$ - $\lambda^2$ -Allyl-Bridged Diiridium Complex. <i>Inorganic Chemistry</i> , 2015, 54, 4600-4602.	1.9	2
112	Influence of substituents on cation-anion contacts in imidazolium perchlorates. <i>Dalton Transactions</i> , 2015, 44, 8669-8677.	1.6	9
113	From Simple Ligands to Complex Structures: Structural Diversity of Silver(I) Complexes Bearing Tetradentate ( <sup>alkylene</sup> bimpy) NHC Ligands. <i>Organometallics</i> , 2015, 34, 1522-1529.	1.1	15
114	Synthesis and Characterization of an Iron Complex Bearing a Cyclic Tetra-N-heterocyclic Carbene Ligand: An Artificial Heme Analogue?. <i>Inorganic Chemistry</i> , 2015, 54, 3797-3804.	1.9	67
115	Photocycloaddition and Rearrangement Reactions in a Putative Route to the Skeleton of Plicamine-Type Alkaloids. <i>Synthesis</i> , 2015, 47, 2869-2884.	1.2	17
116	Iron-catalyzed oxidation of unreactive C-H bonds: Utilizing bio-inspired axial ligand modification to increase catalyst stability. <i>Journal of Catalysis</i> , 2015, 331, 147-153.	3.1	32
117	Structure and spectroscopic properties of the dimeric copper(I) N-heterocyclic carbene complex [Cu <sub>2</sub> (CNC <i>t</i> -Bu) <sub>2</sub> ](PF <sub>6</sub> ) <sub>2</sub> . <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 643-646.	0.2	7
118	NHC Versus Pyridine: How $\sigma$ -Teeth Change the Redox Behavior of Iron(II) Complexes. <i>Organometallics</i> , 2015, 34, 5155-5166.	1.1	23
119	Isocyanide substitution reactions at the trans labile sites of an iron( <i>ii</i> ) N-heterocyclic carbene complex. <i>RSC Advances</i> , 2015, 5, 85486-85493.	1.7	12
120	Toward New Organometallic Architectures: Synthesis of Carbene-Centered Rhodium and Palladium Bisphosphine Complexes. Stability and Reactivity of [PC <sup>Blm</sup> PRh(L)](PF <sub>6</sub> ) <sub>2</sub> Pincers. <i>Inorganic Chemistry</i> , 2015, 54, 9517-9528.	1.9	37
121	Stereospecific catalytic precision polymerization of 2-vinylpyridine via rare earth metal-mediated group transfer polymerization with 2-methoxyethylamino-bis(phenolate)-yttrium complexes. <i>Polymer Chemistry</i> , 2015, 6, 6796-6801.	1.9	33
122	Enantioselective Photochemical Rearrangements of Spirooxindole Epoxides Catalyzed by a Chiral Bifunctional Xanthone. <i>Australian Journal of Chemistry</i> , 2015, 68, 1682.	0.5	11
123	Synthesis and characterization of dimeric and square-shaped dicarboxylate-bridged dimolybdenum(II) coordination compounds. <i>Inorganica Chimica Acta</i> , 2015, 424, 210-215.	1.2	2
124	Dinuclear palladium complexes of pyrazolato-bridged imidazolium- and NHC-ligands: Synthesis and characterization. <i>Journal of Organometallic Chemistry</i> , 2015, 775, 130-136.	0.8	9
125	Diastereoselective Oxidative Cross-Coupling Reactions of Chiral Alkylbenzenes with Arenes and Silyl Nucleophiles. <i>Synlett</i> , 2014, 25, 2434-2437.	1.0	2
126	Structure and Dynamics of Imidazolium- and Pyridinium-Substituted $\lambda^3$ -Cycloheptatrienide-Pd Complexes. <i>Organometallics</i> , 2014, 33, 6398-6407.	1.1	7



#	ARTICLE	IF	CITATIONS
127	On the Concept of Hemilability: Insights into a Donor-Functionalized Iridium(I) NHC Motif and Its Impact on Reactivity. <i>Inorganic Chemistry</i> , 2014, 53, 12767-12777.	1.9	46
128	Synthesis of the first radiolabeled <sup>188</sup> Re heterocyclic carbene complex and initial studies on its potential use in radiopharmaceutical applications. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 441-447.	0.5	11
129	Structure and catalytic activity of the ruthenium(I) sawhorse-type complex [Ru <sub>2</sub> ( $\mu_4$ -1,2-CF <sub>3</sub> (CF <sub>2</sub> ) <sub>5</sub> COO) <sub>2</sub> (DMSO) <sub>2</sub> (CO) <sub>4</sub> ]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 384-387.	0.2	1
130	Evaluation of theoretical functionals for structural and vibrational energy predictions on organo-rhenium(VII) oxides. <i>Journal of Organometallic Chemistry</i> , 2014, 760, 156-160.	0.8	5
131	Tetrakis(4-amino-1,2,4-triazole)platinum(II) Salts: Syntheses, Crystal Structures, and Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 724-732.	0.6	7
132	Chiral Propargylic Cations as Intermediates in S <sub>N</sub> 1-Type Reactions: Substitution Pattern, Nuclear Magnetic Resonance Studies, and Origin of the Diastereoselectivity. <i>Journal of the American Chemical Society</i> , 2014, 136, 2851-2857.	6.6	35
133	Cyclopentadienyl molybdenum alkyl ester complexes as catalyst precursors for olefin epoxidation. <i>Catalysis Science and Technology</i> , 2014, 4, 4219-4231.	2.1	15
134	Loop shaped dicarboxylate-bridged dimolybdenum( $\mu_2$ ) bisphosphine compounds – a rational synthesis. <i>Dalton Transactions</i> , 2014, 43, 15367-15374.	1.6	6
135	Cycloaddition of CO <sub>2</sub> and epoxides catalyzed by imidazolium bromides under mild conditions: influence of the cation on catalyst activity. <i>Catalysis Science and Technology</i> , 2014, 4, 1749.	2.1	90
136	Synthesis and characterisation of chelated cationic Re <sup>I</sup> (CO) <sub>3</sub> bis(NHC)(WCA) complexes. <i>Dalton Transactions</i> , 2014, 43, 2259-2271.	1.6	18
137	Making Oxidation Potentials Predictable: Coordination of Additives Applied to the Electronic Fine Tuning of an Iron(II) Complex. <i>Inorganic Chemistry</i> , 2014, 53, 11573-11583.	1.9	29
138	Synthesis and characterization of novel cyclopentadienyl molybdenum imidazo[1,5-a]pyridine-3-ylidene complexes and their application in olefin epoxidation catalysis. <i>Journal of Catalysis</i> , 2014, 319, 119-126.	3.1	31
139	C <sup>∞</sup> C* Cyclometalated Platinum(II) NHC Complexes with $\eta^2$ -Ketoimine Ligands. <i>Organometallics</i> , 2014, 33, 898-908.	1.1	36
140	[Ru <sub>4</sub> (CO) <sub>8</sub> ( $\mu_4$ -OOCCH <sub>2</sub> CH <sub>3</sub> ) <sub>4</sub> (THF) <sub>2</sub> ] and [Ru <sub>3</sub> ( $\mu_3$ -OH)(CO) <sub>6</sub> ( $\mu_4$ -OOC <sup>t</sup> Bu) <sub>4</sub> (OOC <sup>t</sup> ) <sub>7</sub> ] Novel Multinuclear Ruthenium Carbonyl Carboxylates. <i>Organometallics</i> , 2014, 33, 2667-2670.	1.1	7
141	Facile-prepared sulfonated water-soluble PEPPSI-Pd-NHC catalysts for aerobic aqueous Suzuki–Miyaura cross-coupling reactions. <i>Green Chemistry</i> , 2014, 16, 4955-4962.	4.6	92
142	Efficient epoxidation of propene using molecular catalysts. <i>Catalysis Science and Technology</i> , 2014, 4, 3845-3849.	2.1	6
143	Toward Tunable Immobilized Molecular Catalysts: Functionalizing the Methylene Bridge of Bis(N-heterocyclic carbene) Ligands. <i>ChemPlusChem</i> , 2014, 79, 1294-1303.	1.3	27
144	Synthesis, Characterization, and Reactivity of Furan- and Thiophene-Functionalized Bis(N-heterocyclic) Tj ETQq0 0 QrgBT /Overlock 10 T	1.9	13

#	ARTICLE	IF	CITATIONS
145	Enlarging the $\pi$ System of Phosphorescent ( $C^{\wedge}C^*$ ) Cyclometalated Platinum(II) NHC Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 6346-6356.	1.9	78
146	Synthesis of Soai Aldehydes for Asymmetric Autocatalysis by Desulfurative Cross-Coupling. <i>Organic Letters</i> , 2014, 16, 1282-1285.	2.4	30
147	Abnormal N-Heterocyclic Carbene-Phosphine Ruthenium(II) Complexes as Active Catalysts for Transfer Hydrogenation. <i>Organometallics</i> , 2013, 32, 4042-4045.	1.1	54
148	Pyrazolato-Bridged Dinuclear Complexes of Ruthenium(II) and Rhodium(III) with N-Heterocyclic Carbene Ligands: Synthesis, Characterization, and Electrochemical Properties. <i>Organometallics</i> , 2013, 32, 4082-4091.	1.1	22
149	Synthesis and Characterization of Dimolybdenum(II) Complexes Connected by Carboxylate Linkers. <i>Organometallics</i> , 2013, 32, 6004-6011.	1.1	12
150	ortho-Phenylene bridged palladium bis-N-heterocyclic carbene complexes: synthesis, structure and catalysis. <i>Dalton Transactions</i> , 2013, 42, 7297.	1.6	28
151	Synthesis and Characterization of Highly Water Soluble Ruthenium(II) and Osmium(II) Complexes Bearing Chelating Sulfonated N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2013, 32, 741-744.	1.1	51
152	Synthesis and Comparison of Transition Metal Complexes of Abnormal and Normal Tetrazolylidenes: A Neglected Ligand Species. <i>Inorganic Chemistry</i> , 2013, 52, 7031-7044.	1.9	25
153	Gold(I) Complexes with $\pi$ -Normal-1,2,3-Triazolylidene Ligands: Synthesis and Catalytic Properties. <i>Organometallics</i> , 2013, 32, 3376-3384.	1.1	61
154	Intramolecular [2+2] Photocycloaddition of $\pi$ - and $\pi$ -(But-3-enyl)oxyquinolones: Influence of the Alkene Substitution Pattern, Photophysical Studies, and Enantioselective Catalysis by a Chiral Sensitizer. <i>Chemistry - A European Journal</i> , 2013, 19, 7461-7472.	1.7	67
155	Exploring the Scope of a Novel Ligand Class: Synthesis and Catalytic Examination of Metal Complexes with $\pi$ -Normal-1,2,3-Triazolylidene Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 6142-6152.	1.9	33
156	Ruthenium-Catalyzed Transvinylolation - New Insights. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2845-2859.	2.1	22
157	Oxidation Reactions Catalyzed by Polyoxomolybdate Salts. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013, 68, 587-597.	0.3	15
158	Bis(triphenylphosphine)gold(I) Perrhenate. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013, 68, 1173-1179.	0.3	2
159	Synthesis and Characterization of Imidazolium Salts with the Weakly Coordinating $[B(C_6F_5)_4]^{+}$ Anion. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2012, 67, 1030-1036.	0.3	7
160	Reactions of Nitrogen Donors with Cycloheptatrienylidene Complexes: Metal Coordination versus Nucleophilic Attack on the Carbene Ligand. <i>Organometallics</i> , 2012, 31, 8249-8256.	1.1	14
161	Synthesis and Characterization of Novel Iron(II) Complexes with Tetradentate Bis(N-heterocyclic) Tj ETQq1 1 0.784314 rgBT /Overlock 64	1.1	64
162	Methoxyaryl substituted palladium bis-NHC complexes - Synthesis and electronic effects. <i>Inorganica Chimica Acta</i> , 2012, 392, 204-210.	1.2	17

#	ARTICLE	IF	CITATIONS
163	Triazinone-Bridged Neutral Dinuclear Gold(I)-NHC Complex. <i>Organometallics</i> , 2012, 31, 3431-3434.	1.1	27
164	Platinum(II) Complexes with Tetradentate Dianionic (O <sup>2-</sup> C <sup>2-</sup> C <sup>2-</sup> O)-Ligands. <i>Organometallics</i> , 2011, 30, 2980-2985.	1.1	23
165	Neutral Dinuclear Silver(I)-NHC Complexes: Synthesis and Photophysics. <i>Organometallics</i> , 2011, 30, 6674-6684.	1.1	35
166	Stereoselective OsO <sub>4</sub> -Catalyzed Oxidative Cyclization of 1,5-Dienes. <i>Journal of Organic Chemistry</i> , 2010, 75, 1967-1973.	1.7	14
167	1,3,5-Tricyclopropyl-1,3,5-triazinane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2398-o2399.	0.2	1
168	The Mechanism of the Permanganate-Promoted Oxidative Cyclization of 1,5-Dienes - a DFT Study. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 715-727.	1.0	13