

Peter MÃ¼ller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/732165/publications.pdf>

Version: 2024-02-01

184
papers

9,031
citations

41344

49
h-index

53230

85
g-index

192
all docs

192
docs citations

192
times ranked

9287
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Homogeneous Catalysis in the Reduction of CO ₂ to CO. <i>Journal of the American Chemical Society</i> , 2005, 127, 17196-17197.	13.7	606
2	Reversible C–F Bond Formation and the Au-Catalyzed Hydrofluorination of Alkynes. <i>Journal of the American Chemical Society</i> , 2007, 129, 7736-7737.	13.7	346
3	Validation of metal-binding sites in macromolecular structures with the CheckMyMetal web server. <i>Nature Protocols</i> , 2014, 9, 156-170.	12.0	254
4	Practical suggestions for better crystal structures. <i>Crystallography Reviews</i> , 2009, 15, 57-83.	1.5	237
5	<i>Z</i> -Selective Olefin Metathesis Processes Catalyzed by a Molybdenum Hexaisopropylterphenoxide Monopyrrolide Complex. <i>Journal of the American Chemical Society</i> , 2009, 131, 7962-7963.	13.7	224
6	Structural Reevaluation of the Electrophilic Hypervalent Iodine Reagent for Trifluoromethylthiolation Supported by the Crystalline Sponge Method for X-ray Analysis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3125-3128.	13.8	223
7	Reactions of a Stable Monomeric Gold(I) Hydride Complex. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8937-8940.	13.8	191
8	Probing Substituent Effects in Aryl–Aryl Interactions Using Stereoselective Diels–Alder Cycloadditions. <i>Journal of the American Chemical Society</i> , 2010, 132, 3304-3311.	13.7	176
9	Site Specific X-ray Anomalous Dispersion of the Geometrically Frustrated Kagomé Magnet, Herbertsmithite, ZnCu ₃ (OH) ₆ Cl ₂ . <i>Journal of the American Chemical Society</i> , 2010, 132, 16185-16190.	13.7	166
10	A Broadly Applicable Strategy for Entry into Homogeneous Nickel(0) Catalysts from Air-Stable Nickel(II) Complexes. <i>Organometallics</i> , 2014, 33, 2012-2018.	2.3	163
11	Shining Light on Dinitrogen Cleavage: Structural Features, Redox Chemistry, and Photochemistry of the Key Intermediate Bridging Dinitrogen Complex. <i>Journal of the American Chemical Society</i> , 2008, 130, 9394-9405.	13.7	143
12	Cleavage of dinitrogen to yield a (t-BuPOCOP)molybdenum(IV) nitride. <i>Chemical Communications</i> , 2012, 48, 1851.	4.1	142
13	Syntheses of Soluble, π-Stacking Tetracene Derivatives. <i>Organic Letters</i> , 2006, 8, 273-276.	4.6	141
14	Generation of a Doubly Bridging CO ₂ Ligand and Deoxygenation of CO ₂ by an (NHC)Ni(0) Complex. <i>Journal of the American Chemical Society</i> , 2007, 129, 13802-13803.	13.7	141
15	A Carbene-Stabilized Gold(I) Fluoride: Synthesis and Theory. <i>Organometallics</i> , 2005, 24, 4503-4505.	2.3	138
16	Reduction of Dinitrogen to Ammonia Catalyzed by Molybdenum Diamido Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 9132-9135.	13.7	129
17	Dark-Field Oxidative Addition-Based Chemosensing: A New Bis-cyclometalated Pt(II) Complexes and Phosphorescent Detection of Cyanogen Halides. <i>Journal of the American Chemical Society</i> , 2006, 128, 16641-16648.	13.7	125
18	<i>Z</i> -Selective Olefin Metathesis Reactions Promoted by Tungsten Oxo Alkylidene Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 20754-20757.	13.7	125

#	ARTICLE	IF	CITATIONS
19	Catalytic reduction of dinitrogen to ammonia at a single molybdenum center. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17099-17106.	7.1	123
20	Ethenolysis Reactions Catalyzed by Imido Alkylidene Monoaryloxide Monopyrrolide (MAP) Complexes of Molybdenum. Journal of the American Chemical Society, 2009, 131, 10840-10841.	13.7	116
21	Long-term implant fibrosis prevention in rodents and non-human primates using crystallized drug formulations. Nature Materials, 2019, 18, 892-904.	27.5	114
22	A Structurally Perfect S_{12} Metal-Organic Hybrid Kagomé Antiferromagnet. Journal of the American Chemical Society, 2008, 130, 2922-2923.	13.7	110
23	Catalytic $N-N$ Coupling of Aryl Azides To Yield Azoarenes via Trigonal Bipyramid Iron-Nitrene Intermediates. Journal of the American Chemical Society, 2010, 132, 4083-4085.	13.7	108
24	An Isolable and Monomeric Phosphorus Radical That Is Resonance-Stabilized by the Vanadium(IV/V) Redox Couple. Angewandte Chemie - International Edition, 2007, 46, 3111-3114.	13.8	100
25	A Fluorinated Ligand Enables Room-Temperature and Regioselective Pd-Catalyzed Fluorination of Aryl Triflates and Bromides. Journal of the American Chemical Society, 2015, 137, 13433-13438.	13.7	98
26	Room-Temperature Z -Selective Homocoupling of α -Olefins by Tungsten Catalysts. Organometallics, 2011, 30, 1780-1782.	2.3	93
27	Synthesis of Monoalkoxide Monopyrrolyl Complexes $Mo(NR)(CHR)(OR)(pyrrolyl)$: Enyne Metathesis with High Oxidation State Catalysts. Journal of the American Chemical Society, 2007, 129, 12654-12655.	13.7	87
28	Columnar mesophases from half-discoid platinum cyclometalated metallomesogens. Journal of Materials Chemistry, 2008, 18, 400-407.	6.7	85
29	Molybdenum Imido Alkylidene Metathesis Catalysts That Contain Electron-Withdrawing Biphenolates or Binaphtholates. Organometallics, 2007, 26, 2528-2539.	2.3	81
30	Asymmetric [3 + 2] annulations catalyzed by a planar-chiral derivative of DMAP. Chemical Communications, 2006, , 2604-2606.	4.1	80
31	Investigating the Dearomative Rearrangement of Biaryl Phosphine-Ligated Pd(II) Complexes. Journal of the American Chemical Society, 2012, 134, 19922-19934.	13.7	80
32	Fundamental Studies of Tungsten Alkylidene Imido Monoalkoxidepyrrolide Complexes. Journal of the American Chemical Society, 2009, 131, 7770-7780.	13.7	78
33	Is the bond-valence method able to identify metal atoms in protein structures?. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 32-37.	2.5	71
34	Synthesis of Molybdenum Complexes that Contain σ -Hybrid-Triamidoamine Ligands, $[(Hexaisopropylterphenyl-NCH_2CH_2)_2NCH_2CH_2N-aryl]_3$, and Studies Relevant to Catalytic Reduction of Dinitrogen. Inorganic Chemistry, 2006, 45, 9185-9196.	4.0	70
35	Twisting and piezochromism of phenylene-ethynylenes with aromatic interactions between side chains and main chains. Chemical Science, 2014, 5, 4184-4188.	7.4	68
36	Synthesis of $[(HIPTNCH_2CH_2)_3N]V$ Compounds (HIPT = 3,5-(2,4,6-i-Pr ₃ C ₆ H ₂) ₂ C ₆ H ₃) and an Evaluation of Vanadium for the Reduction of Dinitrogen to Ammonia. Inorganic Chemistry, 2006, 45, 9197-9205.	4.0	65

#	ARTICLE	IF	CITATIONS
37	Characterization of Structurally Unusual Diiron N _x H _y Complexes. <i>Journal of the American Chemical Society</i> , 2009, 131, 10358-10359.	13.7	65
38	Synthesis and Evaluation of Molybdenum and Tungsten Monoaryloxo Halide Alkylidene Complexes for Z-Selective Cross-Metathesis of Cyclooctene and Z-1,2-Dichloroethylene. <i>Journal of the American Chemical Society</i> , 2016, 138, 15774-15783.	13.7	64
39	Synthesis and Reactions of Tungsten Alkylidene Complexes That Contain the 2,6-Dichlorophenylimido Ligand. <i>Organometallics</i> , 2007, 26, 1279-1290.	2.3	62
40	Interrupted Energy Transfer: Highly Selective Detection of Cyclic Ketones in the Vapor Phase. <i>Journal of the American Chemical Society</i> , 2011, 133, 12910-12913.	13.7	61
41	Fundamental Studies of Molybdenum and Tungsten Methylidene and Metallacyclobutane Complexes. <i>Organometallics</i> , 2010, 29, 5241-5251.	2.3	60
42	Biomimetic Dehydrogenative Diels-Alder Cycloadditions: Total Syntheses of Brosimones A and B. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8345-8348.	13.8	59
43	Imido Alkylidene Bispyrrolyl Complexes of Tungsten. <i>Organometallics</i> , 2007, 26, 5702-5711.	2.3	54
44	Substituent Effects That Control Conjugated Oligomer Conformation through Non-covalent Interactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 5164-5174.	13.7	54
45	Synthesis of [(DPPNCH ₂ CH ₂) ₃ N] ³⁺ Molybdenum Complexes (DPP = 3,5-(2,5-Diisopropylpyrrolyl)C ₆ H ₃) and Studies Relevant to Catalytic Reduction of Dinitrogen. <i>Journal of the American Chemical Society</i> , 2010, 132, 8349-8358.	13.7	53
46	Tripodal Tris-tacn and Tris-dpa Platforms for Assembling Phosphate-Templated Trimetallic Centers. <i>Journal of the American Chemical Society</i> , 2010, 132, 17366-17369.	13.7	51
47	Click-Synthesis of Heteroleptic Tris-Cyclometalated Iridium(III) Complexes: Cu(I) Triazolide Intermediates as Transmetalating Reagents. <i>Inorganic Chemistry</i> , 2011, 50, 7598-7609.	4.0	51
48	H ₂ O ₂ activation with biomimetic non-haem iron complexes and AcOH: connecting the g = 2.7 EPR signal with a visible chromophore. <i>Chemical Communications</i> , 2014, 50, 645-648.	4.1	51
49	Kinetic and structural insights into the binding of histone deacetylase 1 and 2 (HDAC1, 2) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4008-4015.	3.0	51
50	Synthesis of DiamidoPyrrolyl Molybdenum Complexes Relevant to Reduction of Dinitrogen to Ammonia. <i>Inorganic Chemistry</i> , 2010, 49, 7904-7916.	4.0	49
51	Synthesis of [(HIPTNCH ₂ CH ₂) ₃ N]Cr Compounds (HIPT = 3,5-(2,4,6-i-Pr ₃ C ₆ H ₂)C ₆ H ₃) and an Evaluation of Chromium for the Reduction of Dinitrogen to Ammonia. <i>Inorganic Chemistry</i> , 2006, 45, 7111-7118.	4.0	47
52	Reactions of M(N-2,6-i-Pr ₂ C ₆ H ₃)(CHR)(CH ₂ R') ₂ (M = Mo, W) Complexes with Alcohols To Give Olefin Metathesis Catalysts of the Type M(N-2,6-i-Pr ₂ C ₆ H ₃)(CHR)(CH ₂ R')(OR)'. <i>Organometallics</i> , 2006, 25, 2.3 1412-1423.	2.3	46
53	Simple Molybdenum(IV) Olefin Complexes of the Type Mo(NR)(X)(Y)(olefin). <i>Organometallics</i> , 2010, 29, 6816-6828.	2.3	46
54	Facile Synthesis of a Tungsten Alkylidyne Catalyst for Alkyne Metathesis. <i>Organometallics</i> , 2007, 26, 475-477.	2.3	45

#	ARTICLE	IF	CITATIONS
55	New Dichlorosilanes, Cyclotrisilanes, and Silacyclopropanes as Precursors of Intramolecularly Coordinated Silylenes. <i>Chemistry - A European Journal</i> , 1998, 4, 852-863.	3.3	42
56	Intramolecular Coupling of Two Cyclopentadienyl Ring Systems of Zirconium Unprecedented Formation of a Dihydride and Preparation of the $\{(\text{MeC}_5\text{H}_4\text{Zr})_5(\eta^5\text{-N}(\eta^3\text{-NH})_4(\eta^4\text{-NH}_2)_4)\}$ Cluster in a Two-Phase System. <i>Organometallics</i> , 2000, 19, 4675-4677.	2.3	42
57	Dimers that Contain Unbridged W(IV)/W(IV) Double Bonds. <i>Organometallics</i> , 2006, 25, 1978-1986.	2.3	42
58	$\text{B}(\text{C}_6\text{F}_5)_3$ Activation of Oxo Tungsten Complexes That Are Relevant to Olefin Metathesis. <i>Organometallics</i> , 2013, 32, 5256-5259.	2.3	41
59	Nickel Hydroxo Complexes as Intermediates in Nickel-Catalyzed Suzuki-Miyaura Cross-Coupling. <i>Organometallics</i> , 2014, 33, 2134-2137.	2.3	41
60	Solvent controlled nuclearity in Cu(II) complexes linked by the CO_3^{2-} ligand: synthesis, structure and magnetic properties. <i>Dalton Transactions RSC</i> , 2002, , 2900.	2.3	40
61	Syntheses and Structures of Molybdenum Imido Alkylidene Pyrrolide and Indolide Complexes. <i>Organometallics</i> , 2008, 27, 6570-6578.	2.3	40
62	Syntheses of Molybdenum Oxo Alkylidene Complexes through Addition of Water to an Alkylidyne Complex. <i>Journal of the American Chemical Society</i> , 2018, 140, 2797-2800.	13.7	40
63	The Iromycins, a New Family of Pyridone Metabolites from <i>Streptomyces</i> sp. I. Structure, NOS Inhibitory Activity, and Biosynthesis. <i>Journal of Organic Chemistry</i> , 2007, 72, 5085-5090.	3.2	39
64	lptycene-Derived Pyridazines and Phthalazines. <i>Journal of Organic Chemistry</i> , 2007, 72, 10166-10180.	3.2	38
65	Cationic Molybdenum Imido Alkylidene Complexes. <i>Organometallics</i> , 2008, 27, 4428-4438.	2.3	37
66	Reaction of Phosphoranes with $\text{Mo}(\text{N}-2,6\text{-i-Pr}_2\text{C}_6\text{H}_3)(\text{CHCMe}_3)[\text{OCMe}(\text{CF}_3)_2]_2$: Synthesis and Reactivity of an Anionic Imido Alkylidyne Complex. <i>Organometallics</i> , 2006, 25, 4301-4306.	2.3	36
67	A $\text{Cu}^{2+}(\text{S} = 1/2)$ Kagomé Antiferromagnet: $\text{Mg}_x\text{Cu}_4^{2-x}(\text{OH})_6\text{Cl}_2$. <i>Journal of the American Chemical Society</i> , 2010, 132, 5570-5571.	13.7	36
68	High Oxidation State Molybdenum Imido Heteroatom-Substituted Alkylidene Complexes. <i>Organometallics</i> , 2013, 32, 4612-4617.	2.3	36
69	Synthesis and ROMP Chemistry of Decafluoroterphenoxide Molybdenum Imido Alkylidene and Ethylene Complexes. <i>Organometallics</i> , 2013, 32, 2983-2992.	2.3	36
70	On the interactions of N,N'-bismesitylimidazolin-2-yl and alcohols. <i>Tetrahedron Letters</i> , 2008, 49, 4316-4318.	1.4	35
71	Unraveling Complexity in the Solid Form Screening of a Pharmaceutical Salt: Why so Many Forms? Why so Few?. <i>Crystal Growth and Design</i> , 2017, 17, 5349-5365.	3.0	33
72	Synthesis of Molybdenum(VI) Monoimido Alkyl and Alkylidene Complexes. <i>Organometallics</i> , 2005, 24, 1929-1937.	2.3	32

#	ARTICLE	IF	CITATIONS
73	Olefin Metathesis Reactions Initiated by d ² Molybdenum or Tungsten Complexes. <i>Organometallics</i> , 2005, 24, 5211-5213.	2.3	32
74	Synthesis of Oligoenes that Contain up to 15 Double Bonds from 1,6-Heptadiynes. <i>Journal of the American Chemical Society</i> , 2006, 128, 16664-16675.	13.7	32
75	Pentafluorophenylimido Alkylidene Complexes of Molybdenum and Tungsten. <i>Organometallics</i> , 2012, 31, 4650-4653.	2.3	31
76	Monoaryloxo Pyrrolide (MAP) Imido Alkylidene Complexes of Molybdenum and Tungsten That Contain 2,6-Bis(2,5-R ₂ -pyrrolyl)phenoxide (R = i-Pr, Ph) Ligands and an Unsubstituted Metallacyclobutane on Its Way to Losing Ethylene. <i>Organometallics</i> , 2013, 32, 2489-2492.	2.3	31
77	Dithiolodithiole as a Building Block for Conjugated Materials. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5847-5851.	13.8	31
78	Isolation of an elusive phosphatetrahedrane. <i>Science Advances</i> , 2020, 6, eaaz3168.	10.3	31
79	Family of Cofacial Bimetallic Complexes of a Hexaanionic Carboxamide Cryptand. <i>Inorganic Chemistry</i> , 2011, 50, 4107-4115.	4.0	30
80	Exploring the role of ionic liquids to tune the polymorphic outcome of organic compounds. <i>Chemical Science</i> , 2018, 9, 1510-1520.	7.4	30
81	Synthesis of Molybdenum Alkylidene Complexes That Contain the 2,6-Dimesitylphenylimido Ligand. <i>Journal of the American Chemical Society</i> , 2011, 133, 18142-18144.	13.7	29
82	Structure, photophysics, and photooxidation of crowded diethynyltetracenes. <i>Journal of Materials Chemistry</i> , 2012, 22, 6182.	6.7	29
83	Molybdenum and Tungsten Monoalkoxide Pyrrolide (MAP) Alkylidene Complexes That Contain a 2,6-Dimesitylphenylimido Ligand. <i>Organometallics</i> , 2013, 32, 2373-2378.	2.3	29
84	Cationic Imido Alkylidene Complexes of Molybdenum Supported by η^2 -Diketonate and η^2 -Diketimate Ligands. <i>Organometallics</i> , 2006, 25, 4725-4727.	2.3	28
85	Conjugated Polymers in an Arene Sandwich. <i>Journal of the American Chemical Society</i> , 2006, 128, 12426-12427.	13.7	28
86	Hydrothermal growth of single crystals of the quantum magnets: Clinoatacamite, paratacamite, and herbertsmithite. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	28
87	An [Fe ₄ S ₄] ³⁺ Alkyl Cluster Stabilized by an Expanded Scorpionate Ligand. <i>Journal of the American Chemical Society</i> , 2020, 142, 14314-14323.	13.7	28
88	Anion-Receptor Mediated Oxidation of Carbon Monoxide to Carbonate by Peroxide Dianion. <i>Journal of the American Chemical Society</i> , 2015, 137, 14562-14565.	13.7	26
89	Synthesis, Characterization, and Activation of Zirconium and Hafnium Dialkyl Complexes that Contain a C ₂ -Symmetric Diaminobinaphthyl Dipyrindine Ligand. <i>Organometallics</i> , 2005, 24, 3335-3342.	2.3	25
90	Syntheses of Tungsten <i>tert</i> -Butylimido and Adamantylimido Alkylidene Complexes Employing Pyridinium Chloride As the Acid. <i>Organometallics</i> , 2012, 31, 6522-6525.	2.3	25

#	ARTICLE	IF	CITATIONS
91	Bipyridine Adducts of Molybdenum Imido Alkylidene and Imido Alkylidyne Complexes. <i>Organometallics</i> , 2012, 31, 4558-4564.	2.3	25
92	Synthesis of a TREN in Which the Aryl Substituents are Part of a 45 Atom Macrocyclic. <i>Journal of the American Chemical Society</i> , 2013, 135, 15338-15341.	13.7	25
93	Synthesis of Molybdenum and Tungsten Alkylidene Complexes That Contain Sterically Demanding Arenethiolate Ligands. <i>Organometallics</i> , 2014, 33, 5334-5341.	2.3	25
94	Syntheses of Molybdenum Oxo Benzylidene Complexes. <i>Journal of the American Chemical Society</i> , 2018, 140, 13609-13613.	13.7	24
95	Photochemical C≡C Bond Activation in Phosphaalkynes: A New Route to Reactive Terminal Cyaphido Complexes L≡P. <i>Journal of the American Chemical Society</i> , 2021, 143, 19365-19373.	13.7	24
96	Some Organometallic Chemistry of Molybdenum Complexes that Contain the [HIPTN3N]3-Triamidoamine Ligand, {[3,5-(2,4,6- <i>i</i> -Pr3C6H2)2C6H3NCH2CH2]3N}3-. <i>Organometallics</i> , 2005, 24, 4437-4450.	2.3	22
97	Diphenylamido Precursors to Bisalkoxide Molybdenum Olefin Metathesis Catalysts. <i>Organometallics</i> , 2006, 25, 4621-4626.	2.3	22
98	Conducting Metallopolymers Based on Azaferrocene. <i>Langmuir</i> , 2006, 22, 10596-10604.	3.5	22
99	Carboxylate-Based Molybdenum Alkylidene Catalysts: Synthesis, Characterization, and Use as Initiators for 1,6-Heptadiyne Cyclopolymerizations. <i>Organometallics</i> , 2008, 27, 3986-3995.	2.3	22
100	Cofacial Dicobalt Complex of a Binucleating Hexacarboxamide Cryptand Ligand. <i>Inorganic Chemistry</i> , 2010, 49, 3697-3699.	4.0	22
101	Difference in the Reactivities of H- and Me-Substituted Dinucleating Bis(iminopyridine) Ligands with Nickel(0). <i>Organometallics</i> , 2012, 31, 2120-2123.	2.3	22
102	Molybdenum and Tungsten Alkylidene and Metallacyclobutane Complexes That Contain a Dianionic Biphenolate Pincer Ligand. <i>Organometallics</i> , 2016, 35, 758-761.	2.3	22
103	An Alternative Approach to Al2O2 Ring Systems by Unexpected Cleavage of Stable Al-F and Si-O Bonds. <i>Inorganic Chemistry</i> , 1999, 38, 5235-5240.	4.0	21
104	Some Reactions Involving [W(N-2,6-Me2C6H3)(OCMe2CF3)2]2, a Symmetric d2-d2 Dimer that Contains No Bridging Ligands. <i>Organometallics</i> , 2008, 27, 3857-3865.	2.3	21
105	Synthesis of Molybdenum and Tungsten Alkylidene Complexes That Contain the 2,6-Bis(2,4,6-triisopropylphenyl)phenylimido (NHIPT) Ligand. <i>Organometallics</i> , 2015, 34, 2110-2113.	2.3	21
106	Synthesis of Molybdenum and Tungsten Alkylidene Complexes that Contain a <i>tert</i> -Butylimido Ligand. <i>Organometallics</i> , 2015, 34, 4408-4418.	2.3	21
107	Crystal Structure of a Cyclotetraicosaphenylene. <i>Helvetica Chimica Acta</i> , 2001, 84, 778-785.	1.6	20
108	Molybdenum Imido Alkylidene Complexes that Contain a $\hat{1}^2$ -Diketiminato Ligand. <i>Organometallics</i> , 2007, 26, 3771-3783.	2.3	20

#	ARTICLE	IF	CITATIONS
109	Size and Quality Enhancement of 2D Semiconducting Metal-Organic Chalcogenolates by Amine Addition. <i>Journal of the American Chemical Society</i> , 2021, 143, 20256-20263.	13.7	20
110	Synthesis and Structural Characterization of Graphite-Like [(Me ₃ Sn) ₃ O]Cl. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2050-2052.	13.8	19
111	Halogenodisilanes: Precursors for New Disilane Derivatives. <i>Inorganic Chemistry</i> , 2001, 40, 3766-3773.	4.0	19
112	Novel Medium Ring Sized Estradiol Derivatives by Intramolecular Heck Reactions. <i>Synlett</i> , 2003, 2003, 1494-1496.	1.8	19
113	Preparation of Tungsten-Based Olefin Metathesis Catalysts Supported on Alumina. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1985-1992.	4.3	19
114	Initiators of the Type Mo(NAr)(CHR)(OR) ₂ for the Controlled Polymerization of Diethyldipropargylmalonate. <i>Organometallics</i> , 2006, 25, 2364-2373.	2.3	18
115	A Tungsten(VI) Nitride Having a W ₂ (μ -N) ₂ Core. <i>Inorganic Chemistry</i> , 2008, 47, 1560-1567.	4.0	18
116	Taming phosphorus mononitride. <i>Nature Chemistry</i> , 2022, 14, 928-934.	13.6	18
117	New Enantiomerically Pure Alkylimido Molybdenum-Based Alkylidene Complexes. Synthesis, Characterization, and Activity as Chiral Olefin Metathesis Catalysts. <i>Organometallics</i> , 2007, 26, 831-837.	2.3	16
118	Ni complexes of redox-active pincers with pendant H-bonding sites as precursors for hydrogen production electrocatalysis. <i>Polyhedron</i> , 2014, 82, 2-6.	2.2	16
119	Calix[6]azacryptand Ligand with a Sterically Protected Tren-Based Coordination Site for Metal Ions. <i>Organic Letters</i> , 2016, 18, 1570-1573.	4.6	16
120	Synthesis of 2,6-Hexa- <i>tert</i> -butylterphenyl Derivatives, 2,6-(2,4,6- <i>t</i> -Bu ₃ C ₆ H ₂) ₂ C ₆ H ₃ where X = I, Li, OH, SH, N ₃ , or NH ₂ . <i>Organic Letters</i> , 2017, 19, 2607-2609.	4.6	16
121	Organotitanium Fluorides as Matrices for Trapping Molecular ZnF ₂ and MeZnF. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3319-3321.	13.8	15
122	Difference in Reactivity of Cyclopentadienyltitanium Fluorides and Chlorides Using AlR ₃ (R = Me, Et): Syntheses and Structures of Ti(III)F(Cl)Al Compounds (i-C ₅ Me ₅) ₂ Ti(μ -Cl) ₂ Al ₂ Me ₄ , (i-C ₅ Me ₅) ₂ Ti(μ -F) ₂ Al ₂ Me ₈ , and [(i-C ₅ H ₄ Me) ₂ Ti(μ -F) ₂ AlEt ₂] ₂ . <i>Organometallics</i> , 1999, 18, 1669-1674.	2.3	15
123	Synthesis of di- and trisilanes with potentially chelating substituents. <i>Journal of Organometallic Chemistry</i> , 2002, 649, 25-42.	1.8	15
124	Stepwise fluorination of [MeAlN(2,6-i-Pr ₂ C ₆ H ₃)] ₃ using trimethyltin fluoride as fluorinating agent. <i>Journal of Fluorine Chemistry</i> , 2003, 120, 59-64.	1.7	15
125	The synthesis and characterization of a cationic technetium nitrosyl complex: The X-ray crystal structure of [TcCl(NO)(DPPE) ₂](PF ₆)·CH ₂ Cl ₂ . <i>Inorganica Chimica Acta</i> , 2006, 359, 1296-1298.	2.4	15
126	6-Coordinate tungsten(vi) tris- <i>n</i> -isopropylanilide complexes: products of terminal oxo and nitrido transformations effected by main group electrophiles. <i>Dalton Transactions</i> , 2008, , 4458.	3.3	15

#	ARTICLE	IF	CITATIONS
127	Syntheses of σ -Phosphine-Free Molybdenum Oxo Alkylidene Complexes through Addition of Water to Alkylidyne Complexes. <i>Organometallics</i> , 2020, 39, 2486-2492.	2.3	15
128	Reactions of Group 4 Metal Cyclopentadienyl Trifluorides with a Trimeric Iminoalane. <i>Organometallics</i> , 1998, 17, 1919-1921.	2.3	14
129	Ammonolysis of Trichlorosilanes. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 827-830.	2.0	14
130	Cyclophosphates as ligands for cobalt(III) in water. <i>Chemical Communications</i> , 2011, 47, 662-664.	4.1	14
131	Molybdenum Monoaryloxide Pyrrolide Alkylidene Complexes That Contain Mono-ortho-substituted Phenyl Imido Ligands. <i>Organometallics</i> , 2012, 31, 2388-2394.	2.3	14
132	Molybdenum and Tungsten Alkylidene Complexes That Contain a 2-Pyridyl-Substituted Phenoxide Ligand. <i>Organometallics</i> , 2016, 35, 3587-3593.	2.3	14
133	Synthesis and Structure of (CH ₃ Si) ₆ (NH) ₉ : A Si-N Cage Made from Methyltrichlorosilane and Ammonia. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1432-1433.	13.8	13
134	Efficient Synthesis of an Enantiopure Thiasteroid by a Double Heck Reaction. <i>Australian Journal of Chemistry</i> , 2004, 57, 635.	0.9	13
135	Water soluble pentacene. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2193.	5.5	13
136	Synthesis of Tungsten Imido Alkylidene Complexes that Contain an Electron-Withdrawing Imido Ligand. <i>Organometallics</i> , 2014, 33, 5342-5348.	2.3	13
137	New indigo chromophores containing disulfide donor groups. <i>Tetrahedron</i> , 1999, 55, 14429-14434.	1.9	12
138	Syntheses of Variations of Stereogenic-at-Metal Imido Alkylidene Complexes of Molybdenum. <i>Organometallics</i> , 2012, 31, 6336-6343.	2.3	12
139	σ -(Dimethylamino)phosphinine: A Phosphorus-Containing Aniline Derivative. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3581-3586.	13.8	12
140	Multi-electron reactivity of a cofacial di-tin(II) cryptand: partial reduction of sulfur and selenium and reversible generation of S ₃ ²⁻ . <i>Chemical Science</i> , 2016, 7, 6928-6933.	7.4	11
141	Turning on solid-state phosphorescence of platinum acetylides with aromatic stacking. <i>Chemical Communications</i> , 2020, 56, 6854-6857.	4.1	11
142	Synthesis, crystal structure and light absorption of vinylogous N,N'-dialkylindigos. <i>Tetrahedron</i> , 1999, 55, 14421-14428.	1.9	10
143	Reaction of dimethylaluminumfluoride with primary amines RNH ₂ (R = t-Bu, 2,6-i-Pr ₂ C ₆ H ₃). <i>Journal of Fluorine Chemistry</i> , 2000, 102, 17-20.	1.7	10
144	The 1.70 Å X-ray crystal structure of Mycobacterium tuberculosis phosphoglycerate mutase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 309-315.	2.5	10

#	ARTICLE	IF	CITATIONS
145	Polymerization of thiophene containing cyclobutadiene Co cyclopentadiene complexes. <i>Synthetic Metals</i> , 2006, 156, 784-791.	3.9	10
146	Synthesis, structure and stability of fac-[FeI(CO)3X3]1 ⁺ (X=Br, I). <i>Inorganic Chemistry Communication</i> , 2009, 12, 527-529.	3.9	10
147	Pyro without Fire: Synthesis, Structure, and Reactivity of a Dimeric Vanadyl Pyrophosphate Coordination Complex. <i>Inorganic Chemistry</i> , 2012, 51, 10077-10079.	4.0	10
148	Synthesis of Oligo(1,6-heptadiynes) with a Single Structure and Terminal Methylene Groups Using Molybdenum-Based Wittig and Metathesis Chemistry. 1. 2,6-Dimethylphenylimido Systems. <i>Organometallics</i> , 2008, 27, 6202-6214.	2.3	9
149	Synthesis, structures and luminescence properties of two gallium(III) complexes with 5,7-dimethyl-8-hydroxyquinoline. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1316-1326.	2.2	9
150	A Reinterpretation of the Crystal Structure Analysis of [K(cryptâ€²22)] ⁺ CF ₃ ⁻ : No Proof for the Trifluoromethanide Ion. <i>Chemistry - A European Journal</i> , 2017, 23, 7081-7086.	3.3	9
151	Synthesis of High-Oxidation-State Mo ^{VI} -CHX Complexes, Where X = Cl, CF ₃ , Phosphonium, CN. <i>Organometallics</i> , 2018, 37, 1641-1644.	2.3	9
152	Programmed twisting of phenylene-ethynylene linkages from aromatic stacking interactions. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1198-1207.	5.5	9
153	Molybdenum Complexes that Contain a Calix[6]azacryptand Ligand as Catalysts for Reduction of N ₂ to Ammonia. <i>Inorganic Chemistry</i> , 2018, 57, 15566-15574.	4.0	8
154	Frustrated Lewis Pair Stabilized Phosphoryl Nitride (NPO), a Monophosphorus Analogue of Nitrous Oxide (N ₂ O). <i>Journal of the American Chemical Society</i> , 2021, 143, 21252-21257.	13.7	8
155	Synthesis of Bifunctional Imido Alkylidene BisPyrrolide Complexes of Molybdenum and Their Conversion into Bifunctional Imido Alkylidene Diolate Complexes That Can Be Employed as ROMP Initiators. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1535-1543.	3.3	7
156	Synthesis of Tungsten Oxo Alkylidene Biphenolate Complexes and Ring-Opening Metathesis Polymerization of Norbornenes and Norbornadienes. <i>Organometallics</i> , 2019, 38, 3144-3150.	2.3	7
157	The synthesis and structural characterization of the technetium nitrosyl complexes [TcCl(NO)(SC ₅ H ₄ N)(PPh ₃) ₂] and [Tc(NO)(SC ₅ H ₄ N) ₂ (PPh ₃)]. <i>Inorganica Chimica Acta</i> , 2011, 365, 484-486.	2.4	6
158	One-pot solvothermal synthesis of a well-ordered layered sodium aluminohydroxide complex: a useful precursor for the preparation of porous Al ₂ O ₃ particles. <i>CrystEngComm</i> , 2014, 16, 2950-2958.	2.6	6
159	New approach to dichloroindium amides. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2265-2266.	1.1	5
160	A structural rationale for SV40 Vp1 temperature-sensitive mutants and their complementation. <i>Protein Science</i> , 2006, 15, 2207-2213.	7.6	5
161	Electron-Transfer Studies of a Peroxide Dianion. <i>Inorganic Chemistry</i> , 2014, 53, 5384-5391.	4.0	5
162	Characterization of new crystalline forms of hydroxyprogesterone caproate. <i>International Journal of Pharmaceutics</i> , 2017, 527, 42-51.	5.2	5

#	ARTICLE	IF	CITATIONS
163	Staudinger Reactivity and Click Chemistry of Anthracene (A)-Based Azidophosphine N_3P_3A . <i>Inorganic Chemistry</i> , 2022, 61, 1270-1274.	4.0	5
164	Synthesis and characterization of the trimetaphosphate molybdenum tricarbonyl anion as its tris(bis(triphenylphosphine)iminium) salt. <i>Inorganica Chimica Acta</i> , 2012, 382, 195-198.	2.4	4
165	The synthesis and characterization of rhenium nitrosyl complexes. The X-ray crystal structures of $[ReBr_2(NO)(NCMe)_3]$, $[Re(NO)(N_5)](BPh_4)_2$ and $[ReBr_2(NO)(NCMe)\{py-CH_2-NH\frac{1}{4}CH_2CH_2-N(CH_2-py)_2\}]$. <i>Inorganica Chimica Acta</i> , 2013, 405, 455-460.	2.4	4
166	Syntheses of Molybdenum(VI) Imido Alkylidene Complexes That Contain a Bidentate Dithiolate Ligand. <i>Organometallics</i> , 2018, 37, 4024-4030.	2.3	4
167	Synthesis of Molybdenum(VI) Neopentylidene Neopentylidyne Complexes. <i>Organometallics</i> , 2019, 38, 2888-2891.	2.3	4
168	Protonation Studies of Molybdenum(VI) Nitride Complexes That Contain the $[2,6-(ArNCH_2)_2NC_5H_3]$ Ligand (Ar =) Tj ETQ 0 0 0 rg BT /Overloc	2.0	4
169	2-(Dimethylamino)phosphinin: Ein phosphorhaltiges Anilinderivat. <i>Angewandte Chemie</i> , 2021, 133, 3625-3630.	2.0	4
170	Isolation of a Side-On V(III)-(f2-O2) through the Intermediacy of a Low-Valent V(II) in a Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2021, 60, 18205-18210.	4.0	4
171	Two polymorphs of 1,8-dichloroanthracene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 199-203.	0.4	3
172	Combination of X-ray Diffraction and Specific Rotation to Unequivocally Characterize Carvone Semicarbazone Derivatives. <i>Journal of Chemical Education</i> , 2020, 97, 1411-1417.	2.3	3
173	Syntheses of Molybdenum and Tungsten Imido Alkylidene Complexes that Contain a Bidentate Oxo/Thiolato Ligand. <i>Helvetica Chimica Acta</i> , 2020, 103, e2000068.	1.6	3
174	Probing the Ni ²⁺ -selective Response of Fluorescent Probe NiSensor-1 with the NiCast Photocaged Complex. <i>Photochemistry and Photobiology</i> , 2022, 98, 362-370.	2.5	3
175	Tetrameric indium trichloride, a new modification of a widely used compound. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000, 56, 1300-1301.	0.4	2
176	Tris{2-[(2,6-dimethylphenyl)amino]ethyl}amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3421-o3421.	0.2	2
177	Multigram Preparation of BRD4780 Enantiomers and Assignment of Absolute Stereochemistry. <i>Journal of Organic Chemistry</i> , 2021, 86, 4281-4289.	3.2	2
178	Hydrogen atoms. , 2006, , 26-41.		2
179	Crystal structure of 3-bromo-2-hydroxybenzonitrile. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o523-o524.	0.5	2
180	Preparation, characterization, and structural analysis of d8 palladium and platinum compounds containing amino acid ester derivatized diimine ligands. Observation of liquid crystal behavior. <i>Journal of Coordination Chemistry</i> , 2017, 70, 3488-3500.	2.2	1

#	ARTICLE	IF	CITATIONS
181	Towards a better understanding and improved refinement of disordered crystal structures. IUCr, 2021, 8, 150-151.	2.2	1
182	Crystal engineering of heterocyclic arylene(ethynylene) oligomers through programmed aromatic stacking. Journal of Materials Chemistry C, 0, , .	5.5	1
183	2-Hydroxy-3-methoxybenzaldehyde (o-vanillin) revisited. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2336-o2337.	0.2	0
184	Mometasone furoate revisited, or how did the hydrate get in the bottle?. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 1080-1084.	0.5	0