

Christian Limberg

List of Publications by Year in descending order

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184
papers

6,789
citations

81900
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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis of Intramolecular P/Al-Based Frustrated Lewis Pairs via Aluminum-Tin-Exchange and their Reactivity toward CO ₂ . Chemistry - A European Journal, 2022, 28, .	3.3	10
2	Low-Coordinated Iron(II) Siloxide Complexes – Structural Diversity and Reactivity Towards O ₂ and Oxygen Atom Transfer Reagents. European Journal of Inorganic Chemistry, 2022, .	2.0	1
3	Selective Transformation of Nickel-Bound Formate to CO or C-C Coupling Products Triggered by Deprotonation and Steered by Alkali-Metal Ions. Angewandte Chemie - International Edition, 2021, 60, 2312-2321.	13.8	14
4	Selective Transformation of Nickel-Bound Formate to CO or C-C Coupling Products Triggered by Deprotonation and Steered by Alkali-Metal Ions. Angewandte Chemie, 2021, 133, 2342-2351.	2.0	3
5	Electron transfer within η^2 -diketiminato nickel bromide and cobaltocene redox couples activating CO ₂ . Chemical Communications, 2021, 57, 875-878.	4.1	6
6	The Properties of Hydrotris(3-mesitylpyrazol-1-yl) Borate Iron(II) Complexes with Aryl Carboxylate Co-ligands – Stabilization of an Iron(III) Alkylperoxide. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 385-395.	1.2	0
7	Iron(III)-CDTA derivatives as MRI contrast agents: Increased T ₁ relaxivities at higher magnetic field strength and pH sensing. Magnetic Resonance in Medicine, 2021, 85, 3370-3382.	3.0	15
8	High-spin square planar iron(II) alkali metal siloxide complexes – influence of the alkali metal and reactivity towards O ₂ and NO. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 960-967.	1.2	5
9	Transformation of Formazanate at Nickel(II) Centers to Give a Singly Reduced Nickel Complex with Azoiminate Radical Ligands and Its Reactivity toward Dioxygen. Inorganic Chemistry, 2021, 60, 13844-13853.	4.0	4
10	Binding of a TlCl Entity by a Tetragold Tetramercaptothiacalixarene Metalloligand via Metallophilic Interactions. Chemistry - A European Journal, 2021, 27, 8344-8349.	3.3	2
11	Cyanate Formation via Photolytic Splitting of Dinitrogen. JACS Au, 2021, 1, 879-894.	7.9	32
12	Mimicking of the histidine brace structural motif in molecular copper(I) compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1789-1796.	1.2	1
13	Acidity of Al-O(H)-Al Sites in Molecular Aluminosilicate Models Enables Alcohol Dehydration Reactions. Journal of Physical Chemistry C, 2021, 125, 17690-17695.	3.1	0
14	Cobalt and Iron Stabilized Ketyl, Ketiminy and Aldiminy Radical Anions. Chemistry - A European Journal, 2021, 27, 16760-16767.	3.3	12
15	Versatile Coordination Behavior of the Asymmetric Bis(3-mesitylpyrazol-1-yl)(5-mesitylpyrazol-1-yl) Hydroborate Ligand towards Late 3d M ²⁺ Ions. European Journal of Inorganic Chemistry, 2021, 2021, 71-85.	2.0	1
16	Ring-Opening of THF via an Intramolecular P/Al-Based Frustrated Lewis Pair: Assistance by C ₆ F ₅ Groups beyond Electronegativity?. Organometallics, 2021, 40, 4143-4149.	2.3	6
17	Molecular Structural Motifs and O ₂ Activation Inspired by Enzymes and Solid Catalysts. Catalysis Letters, 2020, 150, 1-11.	2.6	11
18	A Polysiloxide Complex with two Chromium(III) $\cdot 2 \cdot$ Superoxo Moieties. Israel Journal of Chemistry, 2020, 60, 1057-1060.	2.3	4

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19	Examination of Protonation-Induced Dinitrogen Splitting by <i>in Situ</i> EXAFS Spectroscopy. <i>Inorganic Chemistry</i> , 2020, 59, 14367-14375.	4.0	10
20	The Coordination Behavior of Oxygen-Depleted Calixarenes towards 10^+ Noble Metal Ions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 904-908.	1.2	5
21	Mercaptothiacalixarenes Steer 24 Copper(I) Centers to form a Hollow Sphere Structure Featuring Cu_2S_2 Motifs with Exceptionally Short $Cu \cdots Cu$ Distances. <i>Angewandte Chemie</i> , 2020, 132, 6801-6805.	2.0	4
22	The large subunit of the regulatory [NiFe]-hydrogenase from <i>Ralstonia eutropha</i> a minimal hydrogenase?. <i>Chemical Science</i> , 2020, 11, 5453-5465.	7.4	20
23	Routes to Heterotrinary Metal Siloxide Complexes for Cooperative Activation of O_2 . <i>Inorganic Chemistry</i> , 2020, 59, 6866-6875.	4.0	6
24	Mercaptothiacalixarenes Steer 24 Copper(I) Centers to form a Hollow Sphere Structure Featuring Cu_2S_2 Motifs with Exceptionally Short $Cu \cdots Cu$ Distances. <i>Angewandte Chemie International Edition</i> , 2020, 59, 6735-6739.	13.8	14
25	Enhancing Tris(pyrazolyl)borate-Based Models of Cysteine/Cysteamine Dioxygenases through Steric Effects: Increased Reactivities, Full Product Characterization and Hints to Initial Superoxide Formation. <i>Chemistry - A European Journal</i> , 2020, 26, 11851-11861.	3.3	8
26	Switching from a Chromium(IV) Peroxide to a Chromium(III) Superoxide upon Coordination of a Donor in the <i>trans</i> Position. <i>Journal of the American Chemical Society</i> , 2019, 141, 14068-14072.	13.7	17
27	Oxygen-Depleted Calixarenes as Ligands for Molecular Models of Galactose Oxidase. <i>Chemistry - A European Journal</i> , 2019, 25, 13285-13289.	3.3	6
28	The Behavior of Trispyrazolylborato-Metal(II)-Flavonolate Complexes as Functional Models for Bacterial Quercetinase Assessment of the Metal Impact. <i>Inorganic Chemistry</i> , 2019, 58, 12843-12853.	4.0	16
29	The Influence of Alkali Metal Ions on the Stability and Reactivity of Chromium(III) Superoxide Moieties Spanned by Siloxide Ligands. <i>Chemistry - A European Journal</i> , 2019, 25, 5743-5750.	3.3	19
30	Selectivity of tungsten mediated dinitrogen splitting vs. proton reduction. <i>Chemical Science</i> , 2019, 10, 10275-10282.	7.4	38
31	Structure and Reactivity of $Al^{\delta+}O(H)^{\delta-}Al$ Moieties in Siloxide Frameworks: Solution and Gas-Phase Model Studies. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 902-906.	13.8	16
32	Specific Decoration of a Discrete Bismuth Oxido Cluster by Selected Peptides towards the Design of Metal Tags. <i>Chemistry - A European Journal</i> , 2019, 25, 759-763.	3.3	1
33	Struktur und Reaktivitat der $Al^{\delta+}O(H)^{\delta-}Al$ -Einheiten in Siloxidgerastverbindungen – Modellstudien in Losung und in Isolation. <i>Angewandte Chemie</i> , 2019, 131, 912-917.	2.0	6
34	Bioinspired Trispyrazolylborato Nickel(II) Flavonolate Complexes and Their Reactivity Toward Dioxygen. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 170-174.	1.2	10
35	Ein biomimetischer Nickelkomplex mit einem reduzierten, durch Formiatdeprotonierung erzeugten CO_2 -Liganden und sein Verhalten gegenuber CO_2 . <i>Angewandte Chemie</i> , 2018, 130, 7349-7353.	2.0	13
36	A Biomimetic Nickel Complex with a Reduced CO_2 Ligand Generated by Formate Deprotonation and Its Behaviour towards CO_2 . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7230-7233.	13.8	29

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37	Comparing Isomeric Tridentate Carbazole-Based Click Ligands: Metal Complexes and Redox Chemistry. <i>Chemistry - A European Journal</i> , 2018, 24, 5341-5349.	3.3	15
38	Stabilization of η^2 -diketiminato Nickel(I) with Alkaline Metal Halide Entities for Small Molecule Activation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 973-981.	1.2	6
39	Copper(I) complexes based on ligand systems with two different binding sites: synthesis, structures and reaction with O ₂ . <i>Dalton Transactions</i> , 2018, 47, 544-560.	3.3	9
40	Extending the Toolbox for the Modular Arrangement of Functions at Xanthene/Dibenzofuran Platforms: Introduction of Directly Linked Transition Metals beside Bismuthanes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 700-705.	1.2	3
41	Activation of Dioxygen at a Lewis Acidic Nickel(II) Complex: Characterization of a Metastable Organoperoxide Complex. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2307-2311.	13.8	36
42	Activation of Dioxygen at a Lewis Acidic Nickel(II) Complex: Characterization of a Metastable Organoperoxide Complex. <i>Angewandte Chemie</i> , 2017, 129, 2347-2351.	2.0	12
43	Activation of Small Molecules at Nickel(I) Moieties. <i>Journal of the American Chemical Society</i> , 2017, 139, 4233-4242.	13.7	93
44	Atomic Layer Deposition of Silica on Carbon Nanotubes. <i>Chemistry of Materials</i> , 2017, 29, 4920-4931.	6.7	11
45	Mimicking Base Interaction with Acidic Sites [Si ^{IV} (OH) ₄] ⁺ of Zeolites in Molecular Models. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1581-1588.	1.2	8
46	Bis(silylenyl)-substituted ferrocene-stabilized η^6 -arene iron(0) complexes: synthesis, structure and catalytic application. <i>Dalton Transactions</i> , 2017, 46, 16412-16418.	3.3	32
47	Bismuthanes as Hemilabile Donors in an O ₂ -Activating Palladium(0) Complex. <i>Chemistry - A European Journal</i> , 2017, 23, 11797-11801.	3.3	17
48	In Situ Formation of PBiP Ligands upon Complexation of a Mixed Phosphane/Bismuthane with Group 11 Metal Ions. <i>Organometallics</i> , 2017, 36, 4891-4895.	2.3	18
49	O ₂ activation at a trispyrazolylborato nickel(II) malonato complex. <i>Dalton Transactions</i> , 2017, 46, 16792-16795.	3.3	9
50	A high-spin square planar iron(II)-siloxide and its tetrahedral allogon η^4 structural and spectroscopic models of Fe-zeolite sites. <i>Chemical Communications</i> , 2017, 53, 8081-8084.	4.1	18
51	A Hexanuclear Iron(II) Layer with Two Square-Planar FeO ₄ Units Spanned by Tetrasiloxide Ligands: Mimicking of Minerals and Catalysts. <i>Inorganic Chemistry</i> , 2017, 56, 8554-8561.	4.0	20
52	Molecular Design for Tailoring a Single-Source Precursor for Bismuth Ferrite. <i>Inorganic Chemistry</i> , 2016, 55, 7542-7549.	4.0	7
53	Cyclohexane oxidative dehydrogenation over copper oxide catalysts. <i>Journal of Catalysis</i> , 2016, 341, 180-190.	6.2	30
54	Ligands with Two Different Binding Sites and O ₂ Reactivity of their Copper(I) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4017-4027.	2.0	9

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55	Trapping Aluminum Hydroxide Clusters with Trisilanols during Speciation in Aluminum(III)â€“Water Systems: Reproducible, Large Scale Access to Molecular Aluminate Models. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12325-12329.	13.8	40
56	Innentitelbild: Trapping Aluminum Hydroxide Clusters with Trisilanols during Speciation in Aluminum(III)â€“Water Systems: Reproducible, Large Scale Access to Molecular Aluminate Models (<i>Angew. Chem.</i> 40/2016). <i>Angewandte Chemie</i> , 2016, 128, 12292-12292.	2.0	0
57	Trapping Aluminum Hydroxide Clusters with Trisilanols during Speciation in Aluminum(III)â€“Water Systems: Reproducible, Large Scale Access to Molecular Aluminate Models. <i>Angewandte Chemie</i> , 2016, 128, 12513-12517.	2.0	20
58	Creating Ironâ€“ and Rheniumâ€“Bismuth Bonds by Reactions with Organometallic Hydrides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 1198-1206.	1.2	6
59	The binuclear nickel center in the A-cluster of acetyl-CoA synthase (ACS) and two biomimetic dinickel complexes studied by X-ray absorption and emission spectroscopy. <i>Journal of Physics: Conference Series</i> , 2016, 712, 012029.	0.4	2
60	Biomimetic mono- and dinuclear Ni(I) and Ni(II) complexes studied by X-ray absorption and emission spectroscopy and quantum chemical calculations. <i>Journal of Physics: Conference Series</i> , 2016, 712, 012134.	0.4	4
61	Multimetallische Systeme aus CpFe(CO) ₂ , Cp ₂ Re- und (RCO ₂) ₂ Bi-Ämoieties. <i>Journal of Organometallic Chemistry</i> , 2016, 821, 71-77.	1.8	9
62	An iron(II) hydride complex of a ligand with two adjacent Î²-diketiminato binding sites and its reactivity. <i>Dalton Transactions</i> , 2016, 45, 2989-2996.	3.3	10
63	The Effect of Substituents at Lewis Acidic Bismuth(III) Centers on Its Propensity to Bind a Noble Metal Donor. <i>Inorganic Chemistry</i> , 2016, 55, 1837-1842.	4.0	38
64	Ein funktionelles Strukturmodell für die 1-Äminocyclopropan-1-ÄcarbonsÄureÄOxidase. <i>Angewandte Chemie</i> , 2015, 127, 12501-12505.	2.0	4
65	Structure and Mechanism Leading to Formation of the Cysteine Sulfinato Product Complex of a Biomimetic Cysteine Dioxygenase Model. <i>Chemistry - A European Journal</i> , 2015, 21, 7470-7479.	3.3	20
66	A Structural and Functional Model for the 1-Äminocyclopropan-1-Äcarboxylic Acid Oxidase. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12325-12328.	13.8	12
67	Reactivity of an Octanuclear Copper(I) Siloxide Compound - Isolation of a Copper(II) Oxo Compound with a Supertetrahedral Core. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2060-2064.	1.2	3
68	Late Metal Scaffolds that Activate Both, Dinitrogen and Reduced Dinitrogen Species N ₂ _xH _y. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 18-30.	1.2	47
69	Bioinspired Copper(I) Complexes that Exhibit Monooxygenase and Catechol Dioxygenase Activity. <i>Chemistry - A European Journal</i> , 2015, 21, 1198-1207.	3.3	14
70	PBiP Pincer Complexes of Platinum, Palladium, and Iridium Featuring Metalâ€“Metal Bonds Synthesized by Oxidative Addition of Bismuthâ€“Halide Bonds. <i>Organometallics</i> , 2015, 34, 3782-3787.	2.3	31
71	Dioxygenation of cysteamine to hypotaurine at a tris(pyrazolyl)borate iron(II) unit â€“ cysteamine dioxygenase mimicking?. <i>Chemical Communications</i> , 2015, 51, 6785-6787.	4.1	20
72	Reaction of a polydentate cysteine-based ligand and its nickel(II) complex with electrophilic and nucleophilic methyl-transfer reagents â€“ from S-methylation to acetyl coenzyme A synthase reactivity. <i>Dalton Transactions</i> , 2015, 44, 18378-18385.	3.3	6

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73	Utilizing the Trispyrazolyl Borate Ligand for the Mimicking of O ₂ -Activating Mononuclear Nonheme Iron Enzymes. <i>Accounts of Chemical Research</i> , 2015, 48, 2734-2743.	15.6	57
74	Coordination of noble metals by an ambiphilic PBiP pincer ligand: Metallophilic Bi ⁺ Cu and Bi ⁺ Ag interactions. <i>Journal of Organometallic Chemistry</i> , 2015, 784, 62-68.	1.8	20
75	A Heterobimetallic Superoxide Complex formed through O ₂ Activation between Chromium(II) and a Lithium Cation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1352-1356.	13.8	32
76	Dioxygen Activation by Siloxide Complexes of Chromium(II) and Chromium(IV). <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12741-12745.	13.8	31
77	Iron chemistry of an asymmetrically substituted, triazole-functionalised calixarene ligand. <i>Supramolecular Chemistry</i> , 2014, 26, 530-537.	1.2	0
78	Molecular Cu ^{II} –O–Cu ^{II} Complexes: Still Waters Run Deep. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4282-4293.	13.8	86
79	A Novel Pentadentate Redox-Active Ligand and Its Iron(III) Complexes: Electronic Structures and O ₂ Reactivity. <i>Chemistry - A European Journal</i> , 2014, 20, 4721-4735.	3.3	25
80	The Activation of Sulfur Hexafluoride at Highly Reduced Low-Coordinate Nickel Dinitrogen Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2750-2753.	13.8	60
81	A Tripodal Trisilanol Ligand and Its Complexation Behavior towards CuI, CuII, and ZnII. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2124-2130.	2.0	27
82	Shining light on integrity of a tetracobalt-polyoxometalate water oxidation catalyst by X-ray spectroscopy before and after catalysis. <i>Chemical Communications</i> , 2014, 50, 100-102.	4.1	62
83	Synthesis, Characterization, and Interconversion of $\hat{\Gamma}^2$ -Diketiminato Nickel N _x H _y Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5296-5303.	2.0	10
84	Dioxygen Activation by Siloxide Complexes of Chromium(II) and Chromium(IV). <i>Angewandte Chemie</i> , 2014, 126, 12955-12959.	2.0	24
85	A Cubic Fe ₄ Mo ₄ Oxo Framework and Its Reversible Four-Electron Redox Chemistry. <i>Inorganic Chemistry</i> , 2014, 53, 7294-7308.	4.0	5
86	Iron Silicates, Iron-Modulated Zeolite Catalysts, and Molecular Models Thereof. <i>Chemistry - A European Journal</i> , 2014, 20, 9166-9175.	3.3	23
87	Iron–molybdenum-oxo complexes as initiators for olefin autoxidation with O ₂ . <i>Dalton Transactions</i> , 2014, 43, 806-816.	3.3	9
88	Three-Coordinate Nickel(II) and Nickel(I) Thiolate Complexes Based on the $\hat{\Gamma}^2$ -Diketiminato Ligand System. <i>Inorganic Chemistry</i> , 2014, 53, 6867-6874.	4.0	29
89	Nickel(i)-mediated transformations of carbon dioxide in closed synthetic cycles: reductive cleavage and coupling of CO ₂ generating NiIC ₂ O, NiIIIC ₂ O ₃ and NiIIIC ₂ O ₄ NiII entities. <i>Chemical Communications</i> , 2013, 49, 10923.	4.1	82
90	Direct Proof for a Lower Reactivity of Monomeric vs. Dimeric Oxidovanadium Complexes in Alcohol Oxidation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2426-2432.	1.2	4

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91	Access to a Cu ^{II} –Cu ^{II} Motif: Spectroscopic Properties, Solution Structure, and Reactivity. <i>Journal of the American Chemical Society</i> , 2013, 135, 16148-16160.	13.7	53
92	Hydride Reactivity of Ni ^{II} –Ni ^{II} Entities: Mixed-Valent Hydrido Complexes and Reversible Metal Reduction. <i>Chemistry - A European Journal</i> , 2013, 19, 1629-1636.	3.3	22
93	Reduction and Hydrogenation of a Diazene by a (1 ² -Diketiminato)nickel Hydrazide. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3937-3942.	2.0	10
94	A Dinuclear Molecular Iron(II) Silicate with Two High-Spin Square-Planar FeO ₄ Units. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5155-5158.	13.8	43
95	A High-Valent Heterobimetallic [Cu ^{III} (1/4-O) ₂ Ni ^{III}] ²⁺ Core with Nucleophilic Oxo Groups. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5622-5626.	13.8	41
96	Heterometallic Complexes with Rhenium- and Iron-Bismuth Bonds. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013, 68, 561-568.	0.7	13
97	Titelbild: A High-Valent Heterobimetallic [Cu ^{III} (1/4-O) ₂ Ni ^{III}] ₂ Core with Nucleophilic Oxo Groups (Angew.) Tj ETQq 1, 1, 0.784314 rgBT 0	2.0	14
98	Synthesis of a Chiral, Polydentate Ligand System Setting Out from Cysteine and First Nickel Complexes Thereof. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1577-1583.	1.2	7
99	Chiral Tripodal Ligand Containing Three N-Heterocyclic Donor Functions and Its Copper Complexes: Crystallization of [LCu ^I] ₂ ²⁺ /[L ₂ Cu ^{II}] ²⁺ Stereoisomers and Tyrosinase Activity. <i>Inorganic Chemistry</i> , 2012, 51, 12210-12217.	4.0	15
100	Sulfur-linked Phenolates as Ligands for the Syntheses of Low-Nuclearity Iron(III) Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, n/a-n/a.	1.2	5
101	CO oxidation at nickel centres by N ₂ O or O ₂ to yield a novel hexanuclear carbonate. <i>Chemical Communications</i> , 2012, 48, 8243.	4.1	26
102	Reductive Deprotonation and Dehydrogenation of Phenylhydrazine at a Nickel Center To Give a Nickel Diazenido Complex. <i>Inorganic Chemistry</i> , 2012, 51, 9740-9747.	4.0	15
103	Copper(I) Siloxides – Aggregated Solid-State Structures, Cu–Cu Interactions and Dynamic Solution Behavior. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4661-4668.	2.0	23
104	Gold– and Platinum–Bismuth Donor–Acceptor Interactions Supported by an Ambiphilic PBiP Pincer Ligand. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4989-4992.	13.8	87
105	Activation and Coordination of Ammonia at [Cp*Ir(H) ₂]: NMR and Matrix Isolation Studies. <i>Chemistry - A European Journal</i> , 2012, 18, 10009-10013.	3.3	10
106	A Trispyrazolylborato Iron Cysteinato Complex as a Functional Model for the Cysteine Dioxygenase. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2234-2237.	13.8	54
107	A molecular Mo ₄ Bi ₄ framework composed exclusively of unsupported metal–metal bonds. <i>Chemical Communications</i> , 2011, 47, 10794.	4.1	19
108	Unprecedented binding and activation of CS ₂ in a dinuclear copper(I) complex. <i>Chemical Communications</i> , 2011, 47, 6374.	4.1	30

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109	Transition metal complexes of the novel hexadentate ligand 1,4-bis(di(N-methylimidazol-2-yl)methyl)phthalazine. Dalton Transactions, 2011, 40, 4315.	3.3	8
110	Dinuclear Copper Complexes Based on Parallel η^2 -Diiminato Binding Sites and their Reactions with O_2 : Evidence for a $Cu^{\text{II}}O^{\text{II}}Cu$ Entity. Inorganic Chemistry, 2011, 50, 2133-2142.	4.0	47
111	C-H Bond Activation in a Molybdenumoxo-Bismuth Compound. Organometallics, 2011, 30, 3701-3703.	2.3	22
112	N_2 Activation in Ni^I - Ni^I Units: The Influence of Alkali Metal Cations and CO Reactivity. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1169-1174.	1.2	59
113	Organoelement Complexes of a Dinucleating Double η^2 -Diiminato Ligand - Precedent Cases from Groups 1, 2, and 13. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1741-1749.	1.2	10
114	The Conversion of Nickel-Bound CO into an Acetyl Thioester: Organometallic Chemistry Relevant to the Acetyl Coenzyme-A Synthase Active Site. Angewandte Chemie - International Edition, 2011, 50, 12621-12625.	13.8	23
115	Haloperoxidase Activity of Oxovanadium(V) Thiobisphenolates. Chemistry - A European Journal, 2011, 17, 2931-2938.	3.3	20
116	Four-Coordinate Trispyrazolylboratomanganese and Iron Complexes with a Pyrazolato Co-ligand: Syntheses and Properties as Oxidation Catalysts. Chemistry - A European Journal, 2011, 17, 10010-10020.	3.3	18
117	Surface-Inspired Molecular Vanadium Oxide Catalysts for the Oxidative Dehydrogenation of Alcohols: Evidence for Metal Cooperation and Peroxide Intermediates. Chemistry - A European Journal, 2011, 17, 12129-12135.	3.3	13
118	The Mechanism of Water Oxidation: From Electrolysis via Homogeneous to Biological Catalysis. ChemCatChem, 2010, 2, 724-761.	3.7	1,493
119	Unifying Concepts in Catalysis. ChemCatChem, 2010, 2, 711-712.	3.7	7
120	Reversible P_4 Activation with Nickel(I) and an η^3 -Coordinated Tetraphosphorus Ligand between Two Ni^I Centers. Chemistry - A European Journal, 2010, 16, 436-439.	3.3	49
121	From Surface-Inspired Oxovanadium Silsesquioxane Models to Active Catalysts for the Oxidation of Alcohols with O_2 - The Cinnamic Acid/Metavanadate System. Chemistry - A European Journal, 2010, 16, 6892-6899.	3.3	27
122	Complexes of Click-Derived Bistriazolylpyridines: Remarkable Electronic Influence of Remote Substituents on Thermodynamic Stability as well as Electronic and Magnetic Properties. Chemistry - A European Journal, 2010, 16, 10202-10213.	3.3	93
123	Monooxygenase-Like Reactivity of an Unprecedented Heterobimetallic $\{FeO_2Ni\}$ Moiety. Angewandte Chemie - International Edition, 2010, 49, 7054-7058.	13.8	27
124	Progress in the Compilation of an Oxovanadium Silsesquioxane Portfolio and Catalytic Activity of Organometallic Representatives in Ethylene Polymerisation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 2315-2322.	1.2	10
125	Bismuth Allyloxides. Inorganic Chemistry, 2010, 49, 4313-4318.	4.0	15
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