

Lutz H Gade

List of Publications by Year in descending order

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papers

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94433

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all docs

134
docs citations

134
times ranked

5153
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Nitrogen-Rich Heteropolycycles: Synthesis of Octaazaperopyrenes (OAPP). Chemistry - A European Journal, 2022, 28, .	3.3	13
2	3d Metal Complexes in T-shaped Geometry as a Gateway to Metalloradical Reactivity. Accounts of Chemical Research, 2022, 55, 857-868.	15.6	10
3	Band Formation at Interfaces Between N-Heteropolycycles and Gold Electrodes. Journal of Physical Chemistry Letters, 2021, 12, 947-951.	4.6	7
4	Trapping an unusual pentacoordinate carbon atom in a neutral trialuminum complex. Chemical Communications, 2021, 57, 10327-10330.	4.1	2
5	Reactivity of a T-shaped cobalt pincer-complex. Dalton Transactions, 2021, 50, 6802-6810.	3.3	3
6	Metalloradical Reactivity, Charge Transfer, and Atom Abstractions in a T-Shaped Iron(I) Complex. Inorganic Chemistry, 2021, 60, 3927-3938.	4.0	14
7	The ADUC Prizes: Early Recognition at a Crucial Stage of an Academic Career. European Journal of Inorganic Chemistry, 2021, 2021, 1015-1015.	2.0	0
8	Visualizing the Active Paths in Morphologically Defective Organic Thin-Film Transistors. Advanced Electronic Materials, 2021, 7, 2100400.	5.1	2
9	Electronic Properties of Tetraazaperopyrene Derivatives on Au(111): Energy-Level Alignment and Interfacial Band Formation. Journal of Physical Chemistry C, 2021, 125, 19969-19979.	3.1	2
10	Observability of Paramagnetic NMR Signals at over 10 ⁶ ppm Chemical Shifts. Angewandte Chemie - International Edition, 2021, 60, 22856-22864.	13.8	17
11	Observability of paramagnetic NMR signals at over 10 ⁶ ppm chemical shifts. Angewandte Chemie, 2021, 133, 23038.	2.0	1
12	Toward a Neutral Single-Component Amidinate Iodide Aluminum Catalyst for the CO ₂ Fixation into Cyclic Carbonates. Inorganic Chemistry, 2021, 60, 1172-1182.	4.0	18
13	Luminogens for Aggregation-Induced Emission via Titanium-Mediated Double Nucleophilic Addition to 2,5-Dialkynylpyridines: Formation and Transformation of the Emitting Aggregates. Chemistry - A European Journal, 2020, 26, 4269-4280.	3.3	3
14	Borohydride intermediates pave the way for magnesium-catalysed enantioselective ketone reduction. Chemical Communications, 2020, 56, 1203-1206.	4.1	30
15	Deposition-Dependent Morphology and Infrared Vibrational Spectra of Brominated Tetraazaperopyrene Layers. Journal of Physical Chemistry C, 2020, 124, 769-779.	3.1	2
16	Reaction Pathways and Redox States in Ir^{III} -Selective Cobalt-Catalyzed Hydroborations of Alkynes. Angewandte Chemie - International Edition, 2020, 59, 23010-23014.	13.8	33
17	Reaction Pathways and Redox States in Ir^{III} -Selective Cobalt-Catalyzed Hydroborations of Alkynes. Angewandte Chemie, 2020, 132, 23210-23214.	2.0	9
18	Interface properties and dopability of an organic semiconductor: TAPP-Br variable as molecule but inert in the condensed phase. Journal of Materials Chemistry C, 2020, 8, 9898-9908.	5.5	1

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19	Ultrafast Singlet Fission and Intersystem Crossing in Halogenated Tetraazaperopyrenes. <i>Journal of Physical Chemistry A</i> , 2020, 124, 7857-7868.	2.5	7
20	Single or Paired? Structure and Reactivity of PNP-Chromium(II) Hydrides. <i>Inorganic Chemistry</i> , 2020, 59, 14526-14535.	4.0	9
21	<i>NNN</i> Cobalt(II) Pincer Complexes: Paramagnetic NMR Spectroscopy in Solution and Application as Hydrosilylation Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2335-2342.	2.0	16
22	Tackling N-Alkyl Imines with 3d Metal Catalysis: Highly Enantioselective Iron-Catalyzed Synthesis of \pm -Chiral Amines. <i>Angewandte Chemie</i> , 2020, 132, 16108-16111.	2.0	7
23	Luminogens for Aggregation-Induced Emission via Titanium-Mediated Double Nucleophilic Addition to 2,5-Dialkynylpyridines: Formation and Transformation of the Emitting Aggregates. <i>Chemistry - A European Journal</i> , 2020, 26, 4169-4169.	3.3	0
24	Opening up the Valence Shell: A T-Shaped Iron(I) Metalloradical and Its Potential for Atom Abstraction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9448-9452.	13.8	21
25	Öffnung der Valenzschale: Ein T-förmiges Eisen(I)-Metalloradikal und sein Potential als Atomabstraktor. <i>Angewandte Chemie</i> , 2020, 132, 9535-9539.	2.0	4
26	Perhalogenated Tetraazaperopyrenes and Their Corresponding Mono- and Dianions. <i>Organic Letters</i> , 2020, 22, 2298-2302.	4.6	9
27	Expanding the Boxmi Ligand Family: Synthesis and Application of NON and NSN Ligands. <i>Journal of Organic Chemistry</i> , 2020, 85, 6719-6731.	3.2	6
28	Phosphines and N-Heterocycles Joining Forces: an Emerging Structural Motif in PNP-Pincer Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2023-2042.	2.0	24
29	Tackling N-Alkyl Imines with 3d Metal Catalysis: Highly Enantioselective Iron-Catalyzed Synthesis of \pm -Chiral Amines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15974-15977.	13.8	18
30	On-Surface Supramolecular Chemistry with Porphyrins and Phthalocyanines: An Architectural Concept Leading to Engineered Quantum-Functional Nanostructures. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 928-928.	0.0	0
31	Twisting the TAPPs: Bay-Substituted Non-Planar Tetraazaperopyrenes and their Reduced Anions. <i>Chemistry - A European Journal</i> , 2019, 25, 14669-14678.	3.3	12
32	Square Planar Cobalt(II) Hydride versus T-Shaped Cobalt(I): Structural Characterization and Dihydrogen Activation with PNP-Cobalt Pincer Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 6102-6113.	4.0	35
33	Understanding UV-Vis Spectra of Halogenated Tetraazaperopyrenes (TAPPs): A Computational Study. <i>Journal of Physical Chemistry A</i> , 2019, 123, 3160-3169.	2.5	9
34	Watching nanostructure growth: kinetically controlled diffusion and condensation of Xe in a surface metal organic network. <i>Nanoscale</i> , 2019, 11, 4895-4903.	5.6	4
35	How adsorbates alter the metallic behavior of quasi-1D electron systems of the Si(5 \times 5)-Au surface. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 195001.	1.8	14
36	Site-Specific Coordination Chemistry and Beyond: Novel Properties in Low Dimensional Supramolecular Architectures of Porphins at Surfaces. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0

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37	Synthesis, Characterization, and Reactivity of a <i>High-Spin</i> Iron(II) Hydrido Complex Supported by a PNP Pincer Ligand and Its Application as a Homogenous Catalyst for the Hydrogenation of Alkenes. <i>Inorganic Chemistry</i> , 2018, 57, 3183-3191.	4.0	35
38	Isolation and structural characterization of a titanacyclopropane as key intermediate in the double aryl Grignard addition to 2-(arylethynyl)pyridine derivatives. <i>Chemical Communications</i> , 2018, 54, 2228-2231.	4.1	4
39	Taking Solution Proton NMR to Its Extreme: Prediction and Detection of a Hydride Resonance in an Intermediate-Spin Iron Complex. <i>Journal of the American Chemical Society</i> , 2018, 140, 17413-17417.	13.7	37
40	Dehydrogenative coupling of 4-substituted pyridines mediated by a zirconium(ii) synthon: reaction pathways and dead ends. <i>Chemical Science</i> , 2018, 9, 5223-5232.	7.4	13
41	One-Pot Sequential Kinetic Profiling of a Highly Reactive Manganese Catalyst for Ketone Hydroboration: Leveraging σ -Bond Metathesis via Alkoxide Exchange Steps. <i>Journal of the American Chemical Society</i> , 2018, 140, 9244-9254.	13.7	53
42	Ultrafast Iron-Catalyzed Reduction of Functionalized Ketones: Highly Enantioselective Synthesis of Halohydrines, Oxaheterocycles, and Aminoalcohols. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10231-10235.	13.8	38
43	The open d-shell enforces the active space in 3d metal catalysis: highly enantioselective chromium(II) pincer catalysed hydrosilylation of ketones. <i>Chemical Communications</i> , 2018, 54, 9139-9142.	4.1	20
44	Ultrafast Iron-Catalyzed Reduction of Functionalized Ketones: Highly Enantioselective Synthesis of Halohydrines, Oxaheterocycles, and Aminoalcohols. <i>Angewandte Chemie</i> , 2018, 130, 10388-10392.	2.0	12
45	Synthesis and Structural Characterization of Group 10 Metal Complexes Bearing an Amidodiphosphine Pincer Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1011-1017.	1.2	4
46	A Readily Accessible Chiral NNN Pincer Ligand with a Pyrrole Backbone and Its Ni(II) Chemistry: Syntheses, Structural Chemistry, and Bond Activations. <i>Inorganic Chemistry</i> , 2017, 56, 3631-3643.	4.0	25
47	A Modular Approach to Inorganic Phosphazane Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9087-9090.	13.8	22
48	A Modular Approach to Inorganic Phosphazane Macrocycles. <i>Angewandte Chemie</i> , 2017, 129, 9215-9218.	2.0	10
49	Mechanism-Based Enantiodivergence in Manganese Reduction Catalysis: A Chiral Pincer Complex for the Highly Enantioselective Hydroboration of Ketones. <i>Angewandte Chemie</i> , 2017, 129, 8513-8517.	2.0	32
50	Mechanism-Based Enantiodivergence in Manganese Reduction Catalysis: A Chiral Pincer Complex for the Highly Enantioselective Hydroboration of Ketones. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8393-8397.	13.8	101
51	Regioselective hydrosilylation of epoxides catalysed by nickel(II) hydrido complexes. <i>Chemical Communications</i> , 2017, 53, 4308-4311.	4.1	37
52	A Modular Approach to Inorganic Phosphazane Macrocycles (<i>Angew. Chem.</i> 31/2017). <i>Angewandte Chemie</i> , 2017, 129, 9370-9370.	2.0	0
53	Coordination Chemistry of the Pd ^{II} Pincer Ligand: Reactivity at the Metal and the Ligand. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5545-5556.	2.0	18
54	(Oligo-)Thiophene Functionalized Tetraazaperopyrenes: Donor-Acceptor Dyes and Ambipolar Organic Semiconductors. <i>Journal of Organic Chemistry</i> , 2017, 82, 12492-12502.	3.2	19

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55	A modular approach to neutral P,N-ligands: synthesis and coordination chemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 846-853.	2.2	5
56	λ^6 -Arene-Zirconium-NNPincer Complexes: Mechanism of Their Hydrogenolytic Formation and Their Reactivity as Zirconium(II) Synthons. <i>Chemistry - A European Journal</i> , 2016, 22, 9283-9292.	3.3	27
57	Radical Changes in Lewis Acid Catalysis: Matching Metal and Substrate. <i>Angewandte Chemie</i> , 2016, 128, 7983-7987.	2.0	17
58	Radical Changes in Lewis Acid Catalysis: Matching Metal and Substrate. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7852-7856.	13.8	41
59	Configuring Electronic States in an Atomically Precise Array of Quantum Boxes. <i>Small</i> , 2016, 12, 3757-3763.	10.0	16
60	A versatile hard-soft N/S-ligand for metal coordination and cluster formation. <i>Chemical Communications</i> , 2016, 52, 9683-9686.	4.1	12
61	A Water-Soluble Tetraazaperopyrene Dye as Strong G-Quadruplex DNA Binder. <i>Chemistry - A European Journal</i> , 2016, 22, 6314-6322.	3.3	37
62	Ti(OiPr) ₄ -Mediated Multicomponent Reactions Involving Triple Additions to Isonitrile Carbon Atoms. <i>Organic Letters</i> , 2016, 18, 5182-5185.	4.6	8
63	Activation of Aryl Halides by Nickel(I) Pincer Complexes: Reaction Pathways of Stoichiometric and Catalytic Dehalogenations. <i>Inorganic Chemistry</i> , 2016, 55, 8214-8224.	4.0	30
64	Cationic BPh ₄ -Gold(III) Complexes: Controlling Ligating and Nonligating Anions. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1184-1191.	2.0	15
65	Catalytic C-F bond activation of geminal difluorocyclopropanes by nickel(<i>scpi</i>) complexes via a radical mechanism. <i>Chemical Communications</i> , 2016, 52, 202-205.	4.1	70
66	Mechanism of the Iron(II)-Catalyzed Hydrosilylation of Ketones: Activation of Iron Carboxylate Precatalysts and Reaction Pathways of the Active Catalyst. <i>Journal of the American Chemical Society</i> , 2016, 138, 4972-4983.	13.7	89
67	Electronic structure and reactivity of nickel(<i>scpi</i>) pincer complexes: their aerobic transformation to peroxo species and site selective C-H oxygenation. <i>Chemical Science</i> , 2016, 7, 3533-3542.	7.4	44
68	Substrate-Directed Growth of <i>N</i> -Heteropolycyclic Molecules on a Metal Surface. <i>Journal of Physical Chemistry C</i> , 2016, 120, 2866-2873.	3.1	19
69	Synthesis and Reactivity of Group 4 Metal Benzyl Complexes Supported by Carbazolide-Based PNP Pincer Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 353-365.	4.0	33
70	Azaphilic versus Carbophilic Coupling at C \equiv N Bonds: Key Steps in Titanium-Assisted Multicomponent Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 18730-18738.	3.3	9
71	Core Halogenation as a Construction Principle in Tuning the Material Properties of Tetraazaperopyrenes. <i>Chemistry - A European Journal</i> , 2015, 21, 17691-17700.	3.3	35
72	Structural Characterization of a Hydroperoxo Nickel Complex and Its Autoxidation: Mechanism of Interconversion between Peroxo, Superoxo, and Hydroperoxo Species. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4880-4884.	13.8	40

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73	Iron Achieves Noble Metal Reactivity and Selectivity: Highly Reactive and Enantioselective Iron Complexes as Catalysts in the Hydrosilylation of Ketones. <i>Journal of the American Chemical Society</i> , 2015, 137, 2456-2459.	13.7	130
74	Interplay of weak interactions in the atom-by-atom condensation of xenon within quantum boxes. <i>Nature Communications</i> , 2015, 6, 6071.	12.8	30
75	Iridium Half-Sandwich Complexes with Di- and Tridentate Bis(pyridylimino)isoindolato Ligands: Stoichiometric and Catalytic Reactivity. <i>Organometallics</i> , 2015, 34, 2326-2342.	2.3	22
76	New Chemistry with Anionic NNN Pincer Ligands. <i>Topics in Organometallic Chemistry</i> , 2015, , 179-208.	0.7	15
77	Structures, Electronics, and Reactivity of Strained Phosphazane Cages: A Combined Experimental and Computational Study. <i>Inorganic Chemistry</i> , 2015, 54, 7636-7644.	4.0	8
78	Synthesis and structures of $[\text{Si}(\text{H})\text{P}(\text{NR})_2]_2$, potential building blocks for inorganic phosphorus-sulfur macrocycles. <i>Dalton Transactions</i> , 2015, 44, 14242-14247.	3.3	11
79	Bis(pyridylimino)isoindolato (BPI) Osmium Complexes: Structural Chemistry and Reactivity. <i>Organometallics</i> , 2015, 34, 2810-2818.	2.3	24
80	Tetralithiated Tetraazaperopyrene as a Key Intermediate for the Synthesis of Functionalized Derivatives. <i>Organic Letters</i> , 2015, 17, 2266-2269.	4.6	8
81	Borane-Bridged Ruthenium Complex Bearing a PNP Ligand: Synthesis and Structural Characterization. <i>Organometallics</i> , 2015, 34, 5113-5118.	2.3	23
82	Extending N-heterocyclic carbene ligands into the third dimension: a new type of hybrid phosphazane/NHC system. <i>Chemical Science</i> , 2015, 6, 2506-2510.	7.4	27
83	Copper-Boxmi Complexes as Highly Enantioselective Catalysts for Electrophilic Trifluoromethylthiolations. <i>Chemistry - A European Journal</i> , 2014, 20, 93-97.	3.3	140
84	On-surface synthesis of a two-dimensional porous coordination network: Unraveling adsorbate interactions. <i>Physical Review B</i> , 2014, 90, .	3.2	61
85	Highly emissive water-soluble tetraazaperopyrenes as fluorescent markers. <i>Chemical Communications</i> , 2014, 50, 4941-4943.	4.1	20
86	Controlling the Dimensionality of On-Surface Coordination Polymers via Endo- or Exoligation. <i>Journal of the American Chemical Society</i> , 2014, 136, 9355-9363.	13.7	65
87	Chromophores, Fluorophores and Robust Ancillary Ligands for Molecular Catalysts: 1,3-Bis(2-pyridylimino)isoindolines. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4715.	2.0	24
88	Stereoselective Hydrodehalogenation via a Radical-Based Mechanism Involving T-Shaped Chiral Nickel(I) Pincer Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 9657-9665.	3.3	60
89	Anionic Chiral Tridentate N-Donor Pincer Ligands in Asymmetric Catalysis. <i>Accounts of Chemical Research</i> , 2014, 47, 3162-3173.	15.6	92
90	Chiral Ditopic Cyclophosphazane (CycloP) Ligands: Synthesis, Coordination Chemistry, and Application in Asymmetric Catalysis. <i>Chemistry - A European Journal</i> , 2013, 19, 13823-13837.	3.3	39

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91	Iridium Complexes Containing a PNP Pincer Ligand: Syntheses, Structural Chemistry, and Bond Activations. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5358-5365.	2.0	21
92	Spin Density Distribution in Iron(II) and Cobalt(II) Alkyl Complexes Containing 1,3-Bis(2-pyridylimino)isoindolate Ligands. <i>Organometallics</i> , 2013, 32, 885-892.	2.3	22
93	Achiral and Chiral PNP-Pincer Ligands with a Carbazole Backbone: Coordination Chemistry with d^{8-10} Transition Metals. <i>Inorganic Chemistry</i> , 2013, 52, 2050-2059.	4.0	36
94	Giant Residual Dipolar ^{13}C - ^1H Couplings in High-Spin Organoiron Complexes: Elucidation of Their Structures in Solution by ^{13}C -NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2013, 19, 1599-1606.	3.3	27
95	Core-Substituted Tetraazaperopyrenes as n -Channel Semiconductors for Organic Complementary Circuits on Flexible Substrates. <i>Advanced Functional Materials</i> , 2013, 23, 3866-3874.	14.9	34
96	Enantioselective Iron-Catalyzed Azidation of \hat{I}^2 -Keto Esters and Oxindoles. <i>Journal of the American Chemical Society</i> , 2013, 135, 5356-5359.	13.7	223
97	Tuning Redox Chemistry and Photophysics in Core-Substituted Tetraazaperopyrenes (TAPPs). <i>Chemistry - A European Journal</i> , 2013, 19, 13811-13822.	3.3	20
98	Highly Enantioselective Copper-Catalyzed Alkylation of \hat{I}^2 -Ketoesters and Subsequent Cyclization to Spirolactones/Bi-spirolactones. <i>Journal of the American Chemical Society</i> , 2012, 134, 2946-2949.	13.7	74
99	Cobalt Alkyl Complexes of a New Family of Chiral 1,3-Bis(2-pyridylimino)isoindolates and Their Application in Asymmetric Hydrosilylation. <i>Inorganic Chemistry</i> , 2012, 51, 12948-12958.	4.0	72
100	Synthesis, Characterization, and Thermal Rearrangement of Zirconium Tetraazadienyl and Pentaazadienyl Complexes. <i>Organometallics</i> , 2012, 31, 4504-4515.	2.3	28
101	Highly Enantioselective Copper-Catalyzed Electrophilic Trifluoromethylation of \hat{I}^2 -Ketoesters. <i>Journal of the American Chemical Society</i> , 2012, 134, 10769-10772.	13.7	216
102	A readily accessible PNP pincer ligand with a pyrrole backbone and its Ni/II chemistry. <i>Dalton Transactions</i> , 2012, 41, 14028.	3.3	64
103	The More Gold- π -The More Enantioselective: Cyclohydroaminations of \hat{I}^3 -Allenyl Sulfonamides with Mono-, Bis-, and Trisphospholane Gold(I) Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 3721-3728.	3.3	59
104	Tetrachlorinated Tetraazaperopyrenes (TAPPs): Highly Fluorescent Dyes and Semiconductors for Air-Stable Organic n -Channel Transistors and Complementary Circuits. <i>Chemistry - A European Journal</i> , 2012, 18, 3498-3509.	3.3	65
105	Substituent Effects in the Periphery of 2,9-Bisaryl-tetraazaperopyrene Dyes. <i>Journal of Organic Chemistry</i> , 2011, 76, 609-617.	3.2	28
106	Bis(pyridylimino)isoindolato- π -Iridium Complexes as Epoxidation Catalysts for Alkenes. <i>Organometallics</i> , 2011, 30, 379-382.	2.3	27
107	Bis(2-pyridylimino)isoindolato iron(ii) and cobalt(ii) complexes: Structural chemistry and paramagnetic NMR spectroscopy. <i>Dalton Transactions</i> , 2011, 40, 10406.	3.3	49
108	The Synthesis of a New Class of Chiral Pincer Ligands and Their Applications in Enantioselective Catalytic Fluorinations and the Nozaki-Kishi Reaction. <i>Chemistry - A European Journal</i> , 2011, 17, 14922-14928.	3.3	132

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109	Synthesis and structural chemistry of bis(pyridylimino)isoindolato ²⁺ ruthenium complexes and their activity as mediators in the atom transfer radical polymerization (ATRP) of styrene. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1425-1431.	1.8	19
110	Aggregation and Contingent Metal/Surface Reactivity of 1,3,8,10-tetraazaperopyrene (TAPP) on Cu(111). <i>Chemistry - A European Journal</i> , 2010, 16, 2079-2091.	3.3	89
111	STM fingerprint of molecule ²⁺ adatom interactions in a self-assembled metal ²⁺ organic surface coordination network on Cu(111). <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 8815.	2.8	62
112	Bis(oxazolinylmethyl) Derivatives of C ₄ H ₄ E Heterocycles (E = NH, O, S) as C ₂ -Chiral Meridionally Coordinating Ligands for Nickel and Chromium. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4950-4961.	2.0	24
113	Band Formation from Coupled Quantum Dots Formed by a Nanoporous Network on a Copper Surface. <i>Science</i> , 2009, 325, 300-303.	12.6	126
114	Bis(oxazolinylmethyl)pyrrole Derivatives and Their Coordination as Chiral ²⁺ Pincer ²⁺ Ligands to Rhodium. <i>Inorganic Chemistry</i> , 2009, 48, 8523-8535.	4.0	31
115	Living Radical Polymerization of Acrylates Mediated by 1,3-bis(2-pyridylimino)isoindolato-cobalt(II) Complexes: Monitoring the Chain Growth at the Metal. <i>Chemistry - A European Journal</i> , 2008, 14, 10267-10279.	3.3	70
116	Transforming Surface Coordination Polymers into Covalent Surface Polymers: Linked Polycondensed Aromatics through Oligomerization of N-heterocyclic Carbene Intermediates. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2414-2417.	13.8	191
117	Chiral Bis(pyridylimino)isoindoles: A Highly Modular Class of Pincer Ligands for Enantioselective Catalysis. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4670-4674.	13.8	253
118	Using a Tripod as a Chiral Chelating Ligand: Chemical Exchange Between Equivalent Molecular Structures in Palladium Catalysis with 1,1,1-Tris(oxazolinyl)ethane (²⁺ Trisox ²⁺). <i>Chemistry - A European Journal</i> , 2007, 13, 5994-6008.	3.3	67
119	Tetraazaperopyrenes: A New Class of Multifunctional Chromophores. <i>Chemistry - A European Journal</i> , 2007, 13, 7317-7329.	3.3	40
120	The fixation of bis(2-pyridylimino)isoindolato (BPI) ligands to dendritic carbosilanes. <i>Dalton Transactions</i> , 2005, , 1403.	3.3	27
121	Allylic Peroxidations with Bis(2-pyridylimino)isoindolato-Cobalt and -Iron Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 1962-1968.	1.2	32
122	A Modular Assembly of Chiral Oxazolinyln-carbene ²⁺ Rhodium Complexes: Efficient Phosphane-Free Catalysts for the Asymmetric Hydrosilylation of Dialkyl Ketones. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1014-1017.	13.8	213
123	Chiral N-heterocyclic carbenes as stereodirecting ligands in asymmetric catalysis. <i>Chemical Society Reviews</i> , 2004, 33, 619-636.	38.1	829
124	Double Bonds in Motion: Bis(oxazolinylmethyl)pyrroles and Their Metal-Induced Planarization to a New Class of Rigid Chiral C ₂ -symmetric Complexes. <i>Chemistry - A European Journal</i> , 2003, 9, 1759-1767.	3.3	73
125	Charging and Deforming the Pybox Ligand: Enantiomerically Pure Double Helices and Their Interconversion. <i>Chemistry - A European Journal</i> , 2002, 8, 4308-4318.	3.3	28
126	A Bis(oxazolinyl)pyrrole as a New Monoanionic Tridentate Supporting Ligand: ²⁺ Synthesis of a Highly Active Palladium Catalyst for Suzuki-Type C-C Coupling. <i>Organometallics</i> , 2001, 20, 4144-4146.	2.3	57

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127	Group 4 Imido Complexes Stabilized by a Tridentate Diamido-Donor Ligand. <i>Inorganic Chemistry</i> , 2001, 40, 870-877.	4.0	56