Mirza Cokoja

List of Publications by Year
in descending order

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136 papers	7,674 citations	57758 44 h-index	54911 84 g-index
161 all docs	161 docs citations	161 times ranked	7353 citing authors

#	Article	IF	Citations
1	Vectorial Catalysis in Surfaceâ€Anchored Nanometerâ€Sized Metalâ€“Organic Frameworksâ€Based Microfluidic Devices. Angewandte Chemie - International Edition, 2022, 61, .	13.8	5
2	Frontispiz: Vektorielle Katalyse mit oberflÃ¤chenverankerten nanoâ€metallorganischen GerÃ¼sten in mikrofluidischen Reaktoren. Angewandte Chemie, 2022, 134, .	2.0	0
3	Frontispiece: Vectorial Catalysis in Surfaceâ€Anchored Nanometerâ€Sized Metalâ€“Organic Frameworksâ€Based Microfluidic Devices. Angewandte Chemie - International Edition, 2022, 61, .	13.8	1
4	Exploitation of Intrinsic Confinement Effects of MOFs in Catalysis. ChemCatChem, 2021, 13, 1683-1691.	3.7	43
5	Supramolecular concepts for the biphasic epoxidation of olefins using aqueous hydrogen peroxide. Green Chemistry, 2021, 23, 708-722.	9.0	14
6	Steric and Electronic Effects of Phosphane Additives on the Catalytic Performance of Colloidal Palladium Nanoparticles in the Semiâ€Hydrogenation of Alkynes. ChemCatChem, 2021, 13, 227-234.	3.7	11
7	Activation of hydrogen peroxide by the nitrate anion in micellar media. Green Chemistry, 2021, 23, 1965-1971.	9.0	3
8	Nanometallurgy in solution: organometallic synthesis of intermetallic Pdâ€“Ga colloids and their activity in semi-hydrogenation catalysis. Nanoscale, 2021, 13, 15038-15047.	5.6	1
9	Enhanced Hydrogenation Catalytic Activity of Ruthenium Nanoparticles by Solidâ€Solution Alloying with Molybdenum. European Journal of Inorganic Chemistry, 2021, 2021, 1186-1189.	2.0	3
10	Structural studies of ligand stabilized Ni/Ga clusters by means of vibrational spectroscopy and theoretical calculations. Journal of Raman Spectroscopy, 2021, 52, 2317-2337.	2.5	4
11	Defect engineering: an effective tool for enhancing the catalytic performance of copper-MOFs for the click reaction and the A³ coupling. Catalysis Science and Technology, 2021, 11, 2396-2402.	4.1	20
12	Kinetics of Epoxidation of Cyclooctene with Ionic Liquids Containing Tungstate as Micellar Catalyst. Chemical Engineering and Technology, 2021, 44, 2374.	1.5	3
13	Thermal defect engineering of precious group metalâ€“organic frameworks: impact on the catalytic cyclopropanation reaction. Catalysis Science and Technology, 2020, 10, 8077-8085.	4.1	4
14	Defect Engineering of Copper Paddlewheel-Based Metalâ€“Organic Frameworks of Type NOTT-100: Implementing Truncated Linkers and Its Effect on Catalytic Properties. ACS Applied Materials & Interfaces, 2020, 12, 37993-38002.	8.0	30
15	Substantial Turnover Frequency Enhancement of MOF Catalysts by Crystallite Downsizing Combined with Surface Anchoring. ACS Catalysis, 2020, 10, 3203-3211.	11.2	41
16	Ionic liquid surfactants as multitasking micellar catalysts for epoxidations in water. Catalysis Science and Technology, 2020, 10, 4448-4457.	4.1	13
17	Generation and Stabilization of Small Platinum Clusters Pt_{12Â±x} Inside a Metalâ€“Organic Framework. Journal of the American Chemical Society, 2019, 141, 13962-13969.	13.7	47
18	Determination of the Critical Micelle Concentration of Imidazolium Ionic Liquids in Aqueous Hydrogen Peroxide. Langmuir, 2019, 35, 16297-16303.	3.5	8

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19	Optimierung der GrÃ¶ÃŸe von Platinâ€Nanopartikeln fÃ¼r eine erhÃ¶hte MassenaktivitÃt der elektrochemischen Sauerstoffreduktion. Angewandte Chemie, 2019, 131, 9697-9702.	2.0	9
20	Optimizing the Size of Platinum Nanoparticles for Enhanced Mass Activity in the Electrochemical Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2019, 58, 9596-9600.	13.8	100
21	Network topology and cavity confinement-controlled diastereoselectivity in cyclopropanation reactions catalyzed by porphyrin-based MOFs. Catalysis Science and Technology, 2019, 9, 6452-6459.	4.1	22
22	Kinetic Model of Twoâ€Phase Epoxidation with Ionic Liquids as Micellar Catalysts. Chemical Engineering and Technology, 2019, 42, 232-240.	1.5	4
23	Dual Site Lewisâ€Acid Metalâ€Organic Framework Catalysts for CO₂ Fixation: Counteracting Effects of Node Connectivity, Defects and Linker Metalation. ChemCatChem, 2018, 10, 3506-3512.	3.7	55
24	Reduction of carbon dioxide and organic carbonyls by hydrosilanes catalysed by the perrhenate anion. Catalysis Science and Technology, 2017, 7, 2838-2845.	4.1	42
25	Deoxydehydration of vicinal diols and polyols catalyzed by pyridinium perrhenate salts. Catalysis Science and Technology, 2017, 7, 5644-5649.	4.1	23
26	High stability of thiol-protected colloidal platinum nanoparticles with reduced ligand coverages in the hydrogenation of 3-hexyne. Catalysis Communications, 2017, 100, 85-88.	3.3	9
27	N-alkyl ammonium perrhenate salts as catalysts for the epoxidation of olefins under mild conditions. Catalysis Communications, 2017, 100, 103-106.	3.3	6
28	Ionic Liquids as Micellar Agents in Perrhenateâ€catalysed Olefin Epoxidation. ChemistrySelect, 2017, 2, 11891-11898.	1.5	16
29	Olefin Epoxidation in Aqueous Phase Using Ionicâ€Liquid Catalysts. ChemSusChem, 2016, 9, 1773-1776.	6.8	25
30	Hydrogen Production and Storage on a Formic Acid/Bicarbonate Platform using Waterâ€Soluble Nâ€Heterocyclic Carbene Complexes of Late Transition Metals. ChemSusChem, 2016, 9, 2849-2854.	6.8	53
31	Iron(II) N-heterocyclic carbene complexes in catalytic one-pot Wittig reactions: Mechanistic insights. Journal of Catalysis, 2016, 344, 213-220.	6.2	23
32	Functionalization of small platinum nanoparticles with amines and phosphines: Ligand binding modes and particle stability. Journal of Colloid and Interface Science, 2016, 478, 72-80.	9.4	17
33	Binding of molecular oxygen by an artificial heme analogue: investigation on the formation of an Feâ€“tetracarbene superoxo complex. Dalton Transactions, 2016, 45, 6449-6455.	3.3	43
34	Synthesis of Cyclic Carbonates from Epoxides and Carbon Dioxide by Using Organocatalysts. ChemSusChem, 2015, 8, 2436-2454.	6.8	410
35	Formation of Highly Strained Nâ€Heterocycles via Decomposition of Iron Nâ€Heterocyclic Carbene Complexes: The Value of Labile Feï£¿C Bonds. Chemistry - A European Journal, 2015, 21, 17860-17869.	3.3	16
36	Fighting Fenton Chemistry: A Highly Active Iron(III) Tetracarbene Complex in Epoxidation Catalysis. ChemSusChem, 2015, 8, 4056-4063.	6.8	62

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37	Aryl-substituted organomolybdenum(ii) complexes as olefin epoxidation catalysts. Catalysis Science and Technology, 2015, 5, 4772-4777.	4.1	9
38	Oxidative degradation of the organometallic iron(II) complex [Fe{bis[3-(pyridin-2-yl)-1H-imidazol-1-yl]methane}(MeCN)(PMe₃)](PF₆)₂: structure of the ligand decomposition product trappedviacoordination to iron(II). Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 1096-1099.	0.5	2
39	Application of Open Chain Tetraimidazolium Salts as Precursors for the Synthesis of Silver Tetra(NHC) Complexes. Inorganic Chemistry, 2015, 54, 415-417.	4.0	39
40	Catalytic epoxidation by perrhenate through the formation of organic-phase supramolecular ion pairs. Chemical Communications, 2015, 51, 3399-3402.	4.1	20
41	Influence of structural and electronic properties of organomolybdenum(ii) complexes of the type [CpMo(CO)3R] and [CpMo(O2)(O)R] (R = Cl, CH3, CF3) on the catalytic olefin epoxidation. Catalysis Science and Technology, 2015, 5, 2282-2289.	4.1	13
42	Catalytically active perrhenate based ionic liquids: a preliminary ecotoxicity and biodegradability assessment. New Journal of Chemistry, 2015, 39, 5431-5436.	2.8	13
43	Immobilisation of a molecular epoxidation catalyst on UiO-66 and -67: the effect of pore size on catalyst activity and recycling. Dalton Transactions, 2015, 44, 15976-15983.	3.3	38
44	Structural diversity of late transition metal complexes with flexible tetra-NHC ligands. Dalton Transactions, 2015, 44, 18329-18339.	3.3	45
45	Influence of substituents on cationâ€“anion contacts in imidazolium perrhenates. Dalton Transactions, 2015, 44, 8669-8677.	3.3	9
46	Synthesis and Characterization of an Iron Complex Bearing a Cyclic Tetra-N-heterocyclic Carbene Ligand: An Artifical Heme Analogue?. Inorganic Chemistry, 2015, 54, 3797-3804.	4.0	67
47	Iron-catalyzed oxidation of unreactive C H bonds: Utilizing bio-inspired axial ligand modification to increase catalyst stability. Journal of Catalysis, 2015, 331, 147-153.	6.2	32
48	Structure and spectroscopic properties of the dimeric copper(I) N-heterocyclic carbene complex [Cu₂(CNC_{t-Bu})₂](PF₆)₂. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 643-646.	0.5	7
49	NHC Versus Pyridine: How â€œTeethâ€•Change the Redox Behavior of Iron(II) Complexes. Organometallics, 2015, 34, 5155-5166.	2.3	23
50	Isocyanide substitution reactions at the trans labile sites of an iron(<scp>ii</scp>) N-heterocyclic carbene complex. RSC Advances, 2015, 5, 85486-85493.	3.6	12
51	Hydroxyâ€Functionalized Imidazolium Bromides as Catalysts for the Cycloaddition of CO₂ and Epoxides to Cyclic Carbonates. ChemCatChem, 2015, 7, 94-98.	3.7	132
52	Preliminary toxicity and ecotoxicity assessment of methyltrioxorhenium and its derivatives. Green Chemistry, 2015, 17, 1136-1144.	9.0	16
53	On the Concept of Hemilability: Insights into a Donor-Functionalized Iridium(I) NHC Motif and Its Impact on Reactivity. Inorganic Chemistry, 2014, 53, 12767-12777.	4.0	46
54	Epoxidation of Olefins Catalyzed by a Molecular Iron Nâ€Heterocyclic Carbene Complex: Influence of Reaction Parameters on the Catalytic Activity. ChemCatChem, 2014, 6, 1882-1886.	3.7	51

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55	Valorization of Carbon Dioxide to Organic Products with Organocatalysts. Green Chemistry and Sustainable Technology, 2014, , 3-37.	0.7	2
56	Ion Pairs of Weakly Coordinating Cations and Anions: Synthesis and Application for Sulfide to Sulfoxide Oxidations. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 1149-1163.	0.7	8
57	Historical landmarks of the application of molecular transition metal catalysts for olefin epoxidation. Journal of Organometallic Chemistry, 2014, 751, 25-32.	1.8	86
58	Niobium(v) chloride and imidazolium bromides as efficient dual catalyst systems for the cycloaddition of carbon dioxide and propylene oxide. Catalysis Science and Technology, 2014, 4, 1638-1643.	4.1	59
59	Cycloaddition of Carbon Dioxide and Epoxides using Pentaerythritol and Halides as Dual Catalyst System. ChemSusChem, 2014, 7, 1357-1360.	6.8	151
60	Cleavage of Cï£¿O Bonds in Lignin Model Compounds Catalyzed by Methyldioxorhenium in Homogeneous Phase. ChemSusChem, 2014, 7, 429-434.	6.8	69
61	Chemistry of Iron N-Heterocyclic Carbene Complexes: Syntheses, Structures, Reactivities, and Catalytic Applications. Chemical Reviews, 2014, 114, 5215-5272.	47.7	354
62	Cycloaddition of CO2 and epoxides catalyzed by imidazolium bromides under mild conditions: influence of the cation on catalyst activity. Catalysis Science and Technology, 2014, 4, 1749.	4.1	90
63	Making Oxidation Potentials Predictable: Coordination of Additives Applied to the Electronic Fine Tuning of an Iron(II) Complex. Inorganic Chemistry, 2014, 53, 11573-11583.	4.0	29
64	Nucleophile-directed selectivity towards linear carbonates in the niobium pentaethoxide-catalysed cycloaddition of CO₂ and propylene oxide. Catalysis Science and Technology, 2014, 4, 1534-1538.	4.1	49
65	Synthesis and characterization of novel cyclopentadienyl molybdenum imidazo[1,5-a]pyridine-3-ylidene complexes and their application in olefin epoxidation catalysis. Journal of Catalysis, 2014, 319, 119-126.	6.2	31
66	Catalytic hydroxylation of benzene and toluene by an iron complex bearing a chelating di-pyridyl-di-NHC ligand. Chemical Communications, 2014, 50, 11454-11457.	4.1	90
67	Efficient epoxidation of propene using molecular catalysts. Catalysis Science and Technology, 2014, 4, 3845-3849.	4.1	6
68	Dynamics of the NbCl₅â€Catalyzed Cycloaddition of Propylene Oxide and CO₂: Assessing the Dual Role of the Nucleophilic Coâ€Catalysts. Chemistry - A European Journal, 2014, 20, 11870-11882.	3.3	68
69	Synthesis, Characterization, and Reactivity of Furan- and Thiophene-Functionalized Bis(N-heterocyclic) Tj ETQq1 1 0.784314 rgBT /Ov	4.0	13
70	Homogeneous Catalytic Olefin Epoxidation with Molybdenum Complexes. Advances in Inorganic Chemistry, 2013, 65, 33-83.	1.0	18
71	DFT studies on the reaction pathway of the catalytic olefin epoxidation with CpMoCF3 dioxo and oxoâ€“peroxo complexes. Journal of Organometallic Chemistry, 2013, 748, 36-45.	1.8	25
72	Liberation of methyl acrylate from metallalactone complexes via Mâ€“O ring opening (M = Ni, Pd) with methylation agents. New Journal of Chemistry, 2013, 37, 3512.	2.8	40

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73	Imidazolium perrhenate ionic liquids as efficient catalysts for the selective oxidation of sulfides to sulfones. Journal of Organometallic Chemistry, 2013, 744, 108-112.	1.8	30
74	Rutheniumâ€Catalyzed Hydrogenation of Oxygenâ€Functionalized Aromatic Compounds in Water. ChemCatChem, 2013, 5, 3241-3248.	3.7	12
75	Synthesis and Characterization of Dimolybdenum(II) Complexes Connected by Carboxylate Linkers. Organometallics, 2013, 32, 6004-6011.	2.3	12
76	Vibrational spectroscopic study of SiO2-based nanotubes. Vibrational Spectroscopy, 2013, 66, 104-118.	2.2	13
77	Catalytic epoxidation of camphene using methyltrioxorhenium(VII) as catalyst. Journal of Molecular Catalysis A, 2013, 368-369, 145-151.	4.8	6
78	Synthesis and Characterization of Highly Water Soluble Ruthenium(II) and Osmium(II) Complexes Bearing Chelating Sulfonated N-Heterocyclic Carbene Ligands. Organometallics, 2013, 32, 741-744.	2.3	51
79	Epoxidation of olefins with homogeneous catalysts â€“ quo vadis?. Catalysis Science and Technology, 2013, 3, 552-561.	4.1	114
80	Activation of Hydrogen Peroxide by Ionic Liquids: Mechanistic Studies and Application in the Epoxidation of Olefins. Chemistry - A European Journal, 2013, 19, 5972-5979.	3.3	47
81	Epoxidation of Olefins with Molecular Catalysts in Ionic Liquids. Topics in Organometallic Chemistry, 2013, , 185-235.	0.7	8
82	Gold(I) Complexes with â€œNormalâ€•1,2,3-Triazolylidene Ligands: Synthesis and Catalytic Properties. Organometallics, 2013, 32, 3376-3384.	2.3	61
83	Facile and scalable preparation of 2-imidazolylpyridines. Tetrahedron Letters, 2013, 54, 3384-3387.	1.4	37
84	Xylyltrioxorhenium â€“ the first arylrhenium(vii) oxide applicable as an olefin epoxidation catalyst. Catalysis Science and Technology, 2013, 3, 388-393.	4.1	12
85	Exploring the Scope of a Novel Ligand Class: Synthesis and Catalytic Examination of Metal Complexes with â€˜Normalâ€™ 1,2,3-Triazolylidene Ligands. Inorganic Chemistry, 2013, 52, 6142-6152.	4.0	33
86	Epoxidation of Olefins Catalyzed by Polyoxomolybdates Formed in-situ in Ionic Liquids. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 1138-1142.	0.7	12
87	Oxidation Reactions Catalyzed by Polyoxomolybdate Salts. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 587-597.	0.7	15
88	Synthesis of Cyclic Carbonates from Epoxides and CO₂ under Mild Conditions Using a Simple, Highly Efficient Niobiumâ€Based Catalyst. ChemCatChem, 2013, 5, 1321-1324.	3.7	113
89	Synthesis and Characterization of Imidazolium Perrhenate Ionic Liquids. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 598-604.	0.7	6
90	Synthesis and Characterization of Imidazolium Salts with the Weakly Coordinating [B(C₆F₅)₄]^{â€“} Anion. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 1030-1036.	0.7	7

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91	Synthesis and Characterization of Novel Iron(II) Complexes with Tetradentate Bis(N-heterocyclic) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	64
92	Catalytic olefin epoxidation with a fluorinated organomolybdenum complex. Journal of Molecular Catalysis A, 2012, 363-364, 237-244.	4.8	21
93	Oxidation of sulfides to sulfoxides mediated by ionic liquids. RSC Advances, 2012, 2, 8416.	3.6	29
94	Halide substituted Schiff-bases: Different activities in methyltrioxorhenium(VII) catalyzed epoxidation via different substitution patterns. Journal of Organometallic Chemistry, 2012, 701, 51-55.	1.8	20
95	Recycling CO₂? Computational Considerations of the Activation of CO₂ with Homogeneous Transition Metal Catalysts. ChemCatChem, 2012, 4, 1703-1712.	3.7	60
96	N-Heterocyclic carbenes via abstraction of ammonia: â€˜normalâ€™ carbenes with â€˜abnormalâ€™ character. Chemical Communications, 2012, 48, 3857.	4.1	43
97	Synthesis and Characterization of Dioxidodiphenylrhenium(VII) Propionate. European Journal of Inorganic Chemistry, 2012, 2012, 1353-1357.	2.0	6
98	Fluorinated Solvents in Methyltrioxorhenium-Catalyzed Olefin Epoxidations. European Journal of Inorganic Chemistry, 2012, 2012, 3235-3239.	2.0	30
99	Selective epoxidation of (+)-limonene employing methyltrioxorhenium as catalyst. Journal of Molecular Catalysis A, 2012, 358, 159-165.	4.8	25
100	Dicarboxylate-bridged (Mo2)n (n = 2, 3, 4) paddle-wheel complexes: potential intermediate building blocks for metalâ€“organic frameworks. Dalton Transactions, 2011, 40, 11490.	3.3	16
101	Copper(ii) complexes incorporating poly/perfluorinated alkoxyaluminate-type weakly coordinating anions: Syntheses, characterization and catalytic application in stereoselective olefin aziridination. Dalton Transactions, 2011, 40, 5746.	3.3	29
102	From molecules to materials: Molecular paddle-wheel synthons of macromolecules, cage compounds and metalâ€“organic frameworks. Dalton Transactions, 2011, 40, 6834.	3.3	162
103	Transformation of Nickelalactones to Methyl Acrylate: On the Way to a Catalytic Conversion of Carbon Dioxide. ChemSusChem, 2011, 4, 1275-1279.	6.8	59
104	Transformation of Carbon Dioxide with Homogeneous Transitionâ€Metal Catalysts: A Molecular Solution to a Global Challenge?. Angewandte Chemie - International Edition, 2011, 50, 8510-8537.	13.8	1,439
105	Cover Picture: Transformation of Carbon Dioxide with Homogeneous Transitionâ€Metal Catalysts: A Molecular Solution to a Global Challenge? (Angew. Chem. Int. Ed. 37/2011). Angewandte Chemie - International Edition, 2011, 50, 8439-8439.	13.8	4
106	Recent advances in oxidation catalysis using ionic liquids as solvents. Coordination Chemistry Reviews, 2011, 255, 1518-1540.	18.8	111
107	Inorganic/organometallic catalysts and initiators involving weakly coordinating anions for isobutene polymerisation. Coordination Chemistry Reviews, 2011, 255, 1541-1557.	18.8	58
108	Epoxidation of Î±-pinene catalyzed by methyltrioxorhenium(VII): Influence of additives, oxidants and solvents. Journal of Molecular Catalysis A, 2011, 340, 9-14.	4.8	32

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109	Organicâ€“inorganic nanotube hybrids: Organosilica-nanotubes containing ethane, ethylene and acetylene groups. Journal of Organometallic Chemistry, 2011, 696, 2910-2917.	1.8	11
110	Synthesis and catalytic application of monometallic molybdenum(IV) nitrile complexes. Tetrahedron Letters, 2011, 52, 955-959.	1.4	11
111	Ionic Liquids as Solvents for Ionic Transition-Metal Catalysts. Current Inorganic Chemistry, 2011, 1, 166-181.	0.2	10
112	Olefin Epoxidation with a New Class of Ansaâ€Molybdenum Catalysts in Ionic Liquids. ChemSusChem, 2010, 3, 559-562.	6.8	54
113	Organometallic Synthesis of Î²â€CoAl Nanoparticles and Î²â€CoAl/Al Nanoparticles and Their Behaviour upon Air Exposure. European Journal of Inorganic Chemistry, 2010, 2010, 1599-1603.	2.0	15
114	Chromophoric Lewis Base Adducts of Methyltrioxorhenium: Synthesis, Catalysis and Photochemistry. European Journal of Inorganic Chemistry, 2010, 2010, 4083-4090.	2.0	16
115	Synthesis and Catalytic Applications of ansa Compounds with Cycloalkyl Moieties as Bridging Units: A Comparative Study. Advanced Synthesis and Catalysis, 2010, 352, 547-556.	4.3	32
116	Synthesis of nitrile coordinated Lewis acids Al(OC(CF3)2R)3 and their application in catalytic epoxide ring-opening reactions. Applied Catalysis A: General, 2010, 384, 171-176.	4.3	24
117	Î·5,Î·1-Coordinated cyclopentadienyl transition metal complexes featuring ïƒ-metalâ€“carbon ansa bridges. Coordination Chemistry Reviews, 2010, 254, 608-634.	18.8	46
118	Synthesis and application of molybdenum (III) complexes bearing weakly coordinating anions as catalysts of isobutylene polymerization. Journal of Polymer Science Part A, 2010, 48, 3775-3786.	2.3	21
119	Substituentâ€Free Gallium by Hydrogenolysis of Coordinated GaCp*: Synthesis and Structure of Highly Fluxional [Ru₂(Ga)(GaCp*)₇(H)₃]. Angewandte Chemie - International Edition, 2009, 48, 3872-3876.	13.8	42
120	Cover Picture: Substituent-Free Gallium by Hydrogenolysis of Coordinated GaCp*: Synthesis and Structure of Highly Fluxional [Ru2(Ga)(GaCp*)7(H)3] (Angew. Chem. Int. Ed. 21/2009). Angewandte Chemie - International Edition, 2009, 48, 3713-3713.	13.8	0
121	Organometallic Access to IntermetallicÎ‚â€CuE2(E = Al, Ga) and Cu1â€“xAlxPhases. European Journal of Inorganic Chemistry, 2008, 2008, 3330-3339.	2.0	19
122	Ruthenium Nanoparticles inside Porous [Zn₄O(bdc)₃] by Hydrogenolysis of Adsorbed [Ru(cod)(cot)]: A Solid-State Reference System for Surfactant-Stabilized Ruthenium Colloids. Journal of the American Chemical Society, 2008, 130, 6119-6130.	13.7	348
123	Organometallic Synthesis of Colloidal Î±-/Î²-NiAl Nanoparticles and Selective Aluminum Oxidation in Î±-Ni1-xAlx Nanoalloys. Chemistry of Materials, 2007, 19, 5721-5733.	6.7	28
124	A colloidal ZnO/Cu nanocatalyst for methanol synthesis. Chemical Communications, 2006, , 2498-2500.	4.1	48
125	Nano-brass colloids: synthesis by co-hydrogenolysis of [CpCu(PMe3)] with [ZnCp*2] and investigation of the oxidation behaviour of Î±/Î²-CuZn nanoparticles. Journal of Materials Chemistry, 2006, 16, 2420-2428.	6.7	46
126	Nanometallurgy of Colloidal Aluminides:Â Soft Chemical Synthesis of CuAl2and Î±/Î²-CuAl Colloids by Co-Hydrogenolysis of (AlCp*)4with [CpCu(PMe3)]. Chemistry of Materials, 2006, 18, 1634-1642.	6.7	35

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127	Cï£¿H Activated Isomers of [M(AlCp*)5] (M=Fe, Ru). Angewandte Chemie - International Edition, 2005, 44, 2943-2946.	13.8	77
128	Transition Metal Chemistry of Low Valent Group 13 Organyls. ChemInform, 2005, 36, no.	0.0	0
129	Novel RhCp*/GaCp* and RhCp*/InCp* cluster complexes. Dalton Transactions, 2005, , 55.	3.3	61
130	Insertion reactions of GaCp*, InCp* and In[C(SiMe3)3] into the Ruâ€“Cl bonds of [(p-cymene)RuIICl2]2and [Cp*RuIICl]4. Dalton Transactions, 2005, , 44-54.	3.3	57
131	AlCp* as a Directing Ligand: Cï£¿H and Sïï£¿H Bond Activation at the Reactive Intermediate[Ni(AlCp*)3]. Angewandte Chemie - International Edition, 2004, 43, 2299-2302.	13.8	119
132	Transition Metal Chemistry of Low Valent Group 13 Organyls. European Journal of Inorganic Chemistry, 2004, 2004, 4161-4176.	2.0	190
133	Ligand properties of Cp*Ga: new examples of Moâ€“Ga and Wâ€“Ga complexes. Journal of Organometallic Chemistry, 2003, 684, 277-286.	1.8	34
134	[M(GaCp*)4] (M = Pd, Pt) as Building Blocks for Dimeric Homoleptic Cluster Compounds of the Type [MPt(GaCp*)5]. Organometallics, 2003, 22, 2705-2710.	2.3	66
135	Insertion of organoindium carbenoids into rhodium halide bonds: revisiting a classic type of transition metalâ€“group 13 metal bond formation. Chemical Communications, 2003, , 1066-1067.	4.1	40
136	Vectorial Catalysis in Surfaceâ€Anchored Nanometerâ€sized Metalâ€Organic Frameworksâ€based Microfluidic Devices. Angewandte Chemie, 0, , .	2.0	0