

# Jordi Benet-Buchholz

## List of Publications by Year in descending order

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255  
papers

11,374  
citations

25034

57  
h-index

45317

90  
g-index

296  
all docs

296  
docs citations

296  
times ranked

10206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrocatalytic water oxidation from a mixed linker MOF based on NU-1000 with an integrated ruthenium-based metallo-linker. <i>Materials Advances</i> , 2022, 3, 4227-4234.	5.4	3
2	Cascade Transformation of Carbon Dioxide and Alkyne-1,2-diols into Densely Substituted Cyclic Carbonates. <i>ACS Catalysis</i> , 2022, 12, 2854-2860.	11.2	7
3	Domino Synthesis of Bicyclic 3,5-Anhydro Furanose Mimics Using a Binary Al(III) Complex/Halide Catalyst. <i>ACS Catalysis</i> , 2022, 12, 5464-5469.	11.2	2
4	Room-Temperature-Stable Magnesium Electride via Ni(II) Reduction. <i>Journal of the American Chemical Society</i> , 2022, 144, 13109-13117.	13.7	16
5	Synthesis, Characterization, and Water Oxidation Activity of Isomeric Ru Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 5791-5803.	4.0	16
6	Fate of the Molecular Ru-Phosphonate Water Oxidation Catalyst under Turnover Conditions. <i>ACS Catalysis</i> , 2021, 11, 5240-5247.	11.2	13
7	Asymmetric Synthesis of Homoallylic Alcohols Featuring Vicinal Tetrasubstituted Carbon Centers via Dual Pd/Photoredox Catalysis. <i>Organic Letters</i> , 2021, 23, 4447-4451.	4.6	15
8	Isolation of a Ru(IV) side-on peroxo intermediate in the water oxidation reaction. <i>Nature Chemistry</i> , 2021, 13, 800-804.	13.6	35
9	Pd/Cu Dual-Catalyzed Asymmetric Synthesis of Highly Functional All-Carbon Quaternary Stereocenters from Vinyl Carbonates. <i>Chemistry - A European Journal</i> , 2021, 27, 10107-10114.	3.3	12
10	Consecutive Ligand-Based Electron Transfer in New Molecular Copper-Based Water Oxidation Catalysts. <i>Angewandte Chemie</i> , 2021, 133, 18787-18792.	2.0	2
11	Consecutive Ligand-Based Electron Transfer in New Molecular Copper-Based Water Oxidation Catalysts. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18639-18644.	13.8	37
12	Anode Based on a Molecular Ru Water Oxidation Catalyst Covalently Bonded to Polythiophene. <i>ACS Applied Energy Materials</i> , 2021, 4, 9775-9782.	5.1	9
13	Synthesis, Structure, and Ammonia Oxidation Catalytic Activity of Ru-NH <sub>3</sub> Complexes Containing Multidentate Polypyridyl Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 13929-13940.	4.0	18
14	Solvent Effect on the Spin State of an Iron(II)-Triazole Trimer. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 112-116.	2.0	2
15	Weakly Coordinated Cobaltacycles: Trapping Catalytically Competent Intermediates in Cp*Co III Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6239-6243.	13.8	28
16	Water oxidation electrocatalysis using ruthenium coordination oligomers adsorbed on multiwalled carbon nanotubes. <i>Nature Chemistry</i> , 2020, 12, 1060-1066.	13.6	54
17	Analysis of the Active Species Responsible for Water Oxidation Using a Pentanuclear Fe Complex. <i>IScience</i> , 2020, 23, 101378.	4.1	19
18	Synthesis, Electrochemical Characterization, and Water Oxidation Chemistry of Ru Complexes Containing the 2,6-Pyridinedicarboxylato Ligand. <i>Inorganic Chemistry</i> , 2020, 59, 11432-11441.	4.0	6

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19	Redox Metalâ€“Ligand Cooperativity Enables Robust and Efficient Water Oxidation Catalysis at Neutral pH with Macrocyclic Copper Complexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 17434-17446.	13.7	59
20	A broad view on the complexity involved in water oxidation catalysis based on Ruâ€“bpn complexes. <i>Dalton Transactions</i> , 2020, 49, 17375-17387.	3.3	7
21	A Ru-bda Complex with a Dangling Carboxylate Group: Synthesis and Electrochemical Properties. <i>Inorganic Chemistry</i> , 2020, 59, 4443-4452.	4.0	10
22	Weakly Coordinated Cobaltacycles: Trapping Catalytically Competent Intermediates in Cp*Co III Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 6298-6302.	2.0	3
23	Electrochemically and Photochemically Induced Hydrogen Evolution Catalysis with Cobalt Tetraazamacrocycles Occurs Through Different Pathways. <i>ChemSusChem</i> , 2020, 13, 2745-2752.	6.8	14
24	Second Coordination Sphere Effects in an Evolved Ru Complex Based on Highly Adaptable Ligand Results in Rapid Water Oxidation Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 5068-5077.	13.7	69
25	Effect of Mechanochemical Recrystallization on the Thermal Hysteresis of 1D Fe<sup>II</sup>-triazole Spin Crossover Polymers. <i>Inorganic Chemistry</i> , 2020, 59, 7953-7959.	4.0	17
26	Halogen bonding effects on the outcome of reactions at metal centres. <i>Chemical Communications</i> , 2019, 55, 2380-2383.	4.1	23
27	Unravelling Molecular Aspects of the Migratory Insertion Step in Cp*Co<sup>III</sup> Metallacyclic Systems. <i>Inorganic Chemistry</i> , 2019, 58, 10569-10577.	4.0	24
28	Can Ni Complexes Behave as Molecular Water Oxidation Catalysts?. <i>ACS Catalysis</i> , 2019, 9, 3936-3945.	11.2	64
29	Electrochemically Driven Water Oxidation by a Highly Active Rutheniumâ€“Based Catalyst. <i>ChemSusChem</i> , 2019, 12, 2251-2262.	6.8	20
30	A Bpp-based dinuclear ruthenium photocatalyst for visible light-driven oxidation reactions. <i>Catalysis Science and Technology</i> , 2019, 9, 6760-6768.	4.1	8
31	Catalytic Oxidation of Water to Dioxygen by Mononuclear Ru Complexes Bearing a 2,6â€“Pyridinedicarboxylato Ligand. <i>ChemSusChem</i> , 2019, 12, 1949-1957.	6.8	13
32	Exploring the Role of Coinage Metalates in Trifluoromethylation: A Combined Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2019, 25, 9390-9394.	3.3	21
33	The Role of Seven-Coordination in Ru-Catalyzed Water Oxidation. <i>ACS Catalysis</i> , 2018, 8, 2039-2048.	11.2	41
34	Synthesis, Structure, and Redox Properties of a <i>trans</i> -Diaqua Ru Complex That Reaches Seven-Coordination at High Oxidation States. <i>Inorganic Chemistry</i> , 2018, 57, 1757-1765.	4.0	9
35	New Vistas in Transmetalation with Discrete â€“AgCF <sub>3</sub> â€“Species: Implications in Pdâ€“Mediated Trifluoromethylation Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 11895-11898.	3.3	21
36	On the Structure of [K(cryptâ€“222)] <sup>+</sup> . <i>Helvetica Chimica Acta</i> , 2018, 101, e1800015.	1.6	13

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37	Behavior of Ru <sup>II</sup> Water Oxidation Catalysts in Low Oxidation States. Chemistry - A European Journal, 2018, 24, 12838-12847.	3.3	27
38	Mononuclear ruthenium compounds bearing N-donor and N-heterocyclic carbene ligands: structure and oxidative catalysis. Dalton Transactions, 2017, 46, 2829-2843.	3.3	6
39	Tuning diastereoisomerism in platinum(II) phosphino- and aminothiolato hydrido complexes. New Journal of Chemistry, 2017, 41, 3015-3028.	2.8	1
40	The Trifluoromethyl Anion: Evidence for [K(crypt-222)] <sup>+</sup> . Helvetica Chimica Acta, 2017, 100, e1700032.	1.6	12
41	Capturing Elusive Cobaltacycle Intermediates: A Real-Time Snapshot of the Cp*Co <sup>III</sup> -Catalyzed Oxidative Alkyne Annulation. Angewandte Chemie, 2017, 129, 12305-12309.	2.0	18
42	Hydrogenative Carbon Dioxide Reduction Catalyzed by Mononuclear Ruthenium Polypyridyl Complexes: Discerning between Electronic and Steric Effects. ACS Catalysis, 2017, 7, 5932-5940.	11.2	16
43	Syntheses, characterisation and solid-state study of alkali and ammonium BARf salts. RSC Advances, 2017, 7, 32833-32841.	3.6	16
44	Hydrogen Bonding Rescues Overpotential in Seven-Coordinated Ru Water Oxidation Catalysts. ACS Catalysis, 2017, 7, 6525-6532.	11.2	50
45	Capturing Elusive Cobaltacycle Intermediates: A Real-Time Snapshot of the Cp*Co <sup>III</sup> -Catalyzed Oxidative Alkyne Annulation. Angewandte Chemie - International Edition, 2017, 56, 12137-12141.	13.8	50
46	Electrochemical and Resonance Raman Spectroscopic Studies of Water Oxidizing Ruthenium Terpyridyl-Bipyridyl Complexes. ChemSusChem, 2017, 10, 551-561.	6.8	11
47	Ru <sup>II</sup> -bis(pyridine)pyrazolate (bpp)-Based Water Oxidation Catalysts Anchored on TiO <sub>2</sub> : The Importance of the Nature and Position of the Anchoring Group. Chemistry - A European Journal, 2016, 22, 5261-5268.	3.3	22
48	Dinuclear Cobalt Complexes with a Decadentate Ligand Scaffold: Hydrogen Evolution and Oxygen Reduction Catalysis. Chemistry - A European Journal, 2016, 22, 361-369.	3.3	36
49	Synthesis and Isomeric Analysis of Ru <sup>II</sup> Complexes Bearing Pentadentate Scaffolds. Inorganic Chemistry, 2016, 55, 11216-11229.	4.0	17
50	Structural Preferences in Phosphanylthiolato Platinum(II) Complexes. ChemistryOpen, 2016, 5, 51-59.	1.9	6
51	Tracking the Structural and Electronic Configurations of a Cobalt Proton Reduction Catalyst in Water. Journal of the American Chemical Society, 2016, 138, 10586-10596.	13.7	77
52	A Million Turnover Molecular Anode for Catalytic Water Oxidation. Angewandte Chemie, 2016, 128, 15608-15612.	2.0	21
53	A Million Turnover Molecular Anode for Catalytic Water Oxidation. Angewandte Chemie - International Edition, 2016, 55, 15382-15386.	13.8	90
54	Novel iminopyridine derivatives: ligands for preparation of Fe(II) and Cu(II) dinuclear complexes. Dalton Transactions, 2016, 45, 3564-3576.	3.3	9

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55	Structural Preferences in Phosphanylthiolato Platinum(II) Complexes. <i>ChemistryOpen</i> , 2016, 5, 2-2.	1.9	1
56	Establishing the Family of Diruthenium Water Oxidation Catalysts Based on the Bis(bipyridyl)pyrazolate Ligand System. <i>Inorganic Chemistry</i> , 2016, 55, 2508-2521.	4.0	23
57	Water oxidation catalysis with ligand substituted Ru <sup>II</sup> -bpp type complexes. <i>Catalysis Science and Technology</i> , 2016, 6, 5088-5101.	4.1	23
58	The Trifluoromethyl Anion. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15289-15293.	13.8	34
59	Easy Access to the Copper(III) Anion [Cu(CF <sub>3</sub> ) <sub>4</sub> ] <sup>-</sup> . <i>Angewandte Chemie</i> , 2015, 127, 2783-2787.	2.0	72
60	Efficient Light-Driven Water Oxidation Catalysis by Dinuclear Ruthenium Complexes. <i>ChemSusChem</i> , 2015, 8, 3688-3696.	6.8	37
61	Redox Non-innocent Ligand Controls Water Oxidation Overpotential in a New Family of Mononuclear Cu-Based Efficient Catalysts. <i>Journal of the American Chemical Society</i> , 2015, 137, 6758-6761.	13.7	266
62	Single Site Isomeric Ru WOCs with an Electron-Withdrawing Group: Synthesis, Electrochemical Characterization, and Reactivity. <i>Inorganic Chemistry</i> , 2015, 54, 11948-11957.	4.0	16
63	Oxo-Bridge Scenario behind Single-Site Water-Oxidation Catalysts. <i>Inorganic Chemistry</i> , 2015, 54, 658-666.	4.0	25
64	Easy Access to the Copper(III) Anion [Cu(CF <sub>3</sub> ) <sub>4</sub> ] <sup>-</sup> . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2745-2749.	13.8	107
65	Well-Defined CuC <sub>2</sub> F <sub>5</sub> Complexes and Pentafluoroethylation of Acid Chlorides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5218-5222.	13.8	40
66	Intramolecular Proton Transfer Boosts Water Oxidation Catalyzed by a Ru Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 10786-10795.	13.7	246
67	Spontaneous Magnetization in Homometallic 1/4 <sub>6</sub> -Oxalate Coordination Polymers. <i>Inorganic Chemistry</i> , 2015, 54, 4678-4687.	4.0	5
68	Easy Excited-State Trapping and Record High <i>T</i> <sub>1</sub> in a Spin-Crossover Polyanionic Fe <sup>II</sup> Trimer. <i>Journal of the American Chemical Society</i> , 2015, 137, 11924-11927.	13.7	71
69	Copolymerization of CO <sub>2</sub> and Cyclohexene Oxide Mediated by Yb(salen)-Based Complexes. <i>Macromolecules</i> , 2015, 48, 8197-8207.	4.8	53
70	A Self-Improved Water-Oxidation Catalyst: Is One Site Really Enough?. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 205-209.	13.8	82
71	Architectures in Copper Metal-Organic Frameworks from 4-Substituted Anionic 1,2,4-Triazoles. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3125-3132.	2.0	5
72	Nickel(II) and Palladium(II) Complexes of the Small-Bite-Angle P-Stereogenic Diphosphine Ligand MaxPHOS and Its Monosulfide. <i>Organometallics</i> , 2014, 33, 692-701.	2.3	20

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73	Hysteretic Spin Crossover above Room Temperature and Magnetic Coupling in Trinuclear Transition-Metal Complexes with Anionic 1,2,4-Triazole Ligands. <i>Chemistry - A European Journal</i> , 2014, 20, 5369-5379.	3.3	37
74	The Challenge of Palladium-Catalyzed Aromatic Azidocarbonylation: From Mechanistic and Catalyst Deactivation Studies to a Highly Efficient Process. <i>Organometallics</i> , 2014, 33, 736-752.	2.3	68
75	On the Feasibility of Nickel-Catalyzed Trifluoromethylation of Aryl Halides. <i>Organometallics</i> , 2014, 33, 6531-6543.	2.3	43
76	Supramolecular Water Oxidation with Ru-Based Catalysts. <i>Chemistry - A European Journal</i> , 2014, 20, 17282-17286.	3.3	76
77	Characterization and performance of electrostatically adsorbed Ru-Hbpp water oxidation catalysts. <i>Catalysis Science and Technology</i> , 2014, 4, 190-199.	4.1	9
78	Cyclometalated heteronuclear Pt/Ag and Pt/Tl complexes: a structural and photophysical study. <i>Dalton Transactions</i> , 2014, 43, 1105-1116.	3.3	24
79	Ru-Zn Heteropolynuclear Complexes Containing a Dinucleating Bridging Ligand: Synthesis, Structure, and Isomerism. <i>Inorganic Chemistry</i> , 2014, 53, 12407-12415.	4.0	9
80	Enantiopure Narrow Bite-Angle P $\pi$ -N Ligands: Synthesis and Catalytic Performance in Asymmetric Hydroformylations and Hydrogenations. <i>Chemistry - A European Journal</i> , 2014, 20, 15375-15384.	3.3	24
81	The use of Mo $\mu$ SR radiation in the assignment of the absolute configuration of light-atom molecules; the importance of high-resolution data. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 660-668.	1.1	28
82	Phosphinothiolates as Ligands for Polyhydrido Copper Nanoclusters. <i>Chemistry - A European Journal</i> , 2014, 20, 16121-16127.	3.3	37
83	Dinuclear Ruthenium Complexes Containing the Hpbl Ligand: Synthesis, Characterization, Linkage Isomerism, and Epoxidation Catalysis. <i>Inorganic Chemistry</i> , 2014, 53, 10394-10402.	4.0	10
84	1,1-P $\pi$ -N Ligands with P-Stereogenic Phosphino Groups in Asymmetric Hydrogenations and Hydroformylations. <i>Organometallics</i> , 2014, 33, 2960-2963.	2.3	22
85	Dinuclear Ru-Aqua Complexes for Selective Epoxidation Catalysis Based on Supramolecular Substrate Orientation Effects. <i>Chemistry - A European Journal</i> , 2014, 20, 3898-3902.	3.3	32
86	Small Bite-Angle P $\pi$ -N Ligands for Asymmetric Hydroformylation and Hydrogenation. <i>Organic Letters</i> , 2013, 15, 3634-3637.	4.6	43
87	Carbon Dioxide Reduction Catalyzed by Dinuclear Ruthenium Polypyridyl Complexes. <i>ChemCatChem</i> , 2013, 5, 3897-3903.	3.7	11
88	A Highly Efficient Luminescent Pt <sub>2</sub> Tl <sub>2</sub> Chain with a Short Tl <sup>+</sup> -Tl <sup>+</sup> Interaction. <i>Inorganic Chemistry</i> , 2013, 52, 10729-10731.	4.0	14
89	Nonelectrochemical Synthesis, Crystal Structure, and Physical Properties of the Radical Salt [ET] <sub>2</sub> [CuCl <sub>4</sub> ] (ET = Bis(ethylenedithio)tetrathiafulvalene). <i>Inorganic Chemistry</i> , 2013, 52, 14376-14381.	4.0	6
90	The Critical Effect of the Counteranion in the Direct Cupration of Fluoroform with [Cu(OR) <sub>2</sub> ] <sup>+</sup> . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11637-11641.	13.8	56

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91	Synthesis, Characterization, Reactivity, and Linkage Isomerization of Ru(Cl) <sub>2</sub> (L)(DMSO) <sub>2</sub> Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 232-240.	2.0	16
92	Molecular ruthenium complexes anchored on magnetic nanoparticles that act as powerful and magnetically recyclable stereospecific epoxidation catalysts. <i>Catalysis Science and Technology</i> , 2013, 3, 706-714.	4.1	20
93	New Dinuclear Ruthenium Complexes: Structure and Oxidative Catalysis. <i>Inorganic Chemistry</i> , 2013, 52, 4335-4345.	4.0	24
94	Mononuclear Ruthenium "Water Oxidation Catalysts: Discerning between Electronic and Hydrogen-Bonding Effects. <i>Inorganic Chemistry</i> , 2013, 52, 3591-3593.	4.0	80
95	Understanding Electronic Ligand Perturbation over Successive Metal-Based Redox Potentials in Mononuclear Ruthenium "Aqua Complexes. <i>ChemPlusChem</i> , 2013, 78, 235-243.	2.8	17
96	Synthesis and Biological Evaluation of a New Series of Hexahydro-2 <i>H</i> -pyrano[3,2- <i>c</i> ]quinolines as Novel Selective $\beta$ -1 Receptor Ligands. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3656-3665.	6.4	34
97	Synthesis, Characterization, and Reactivity of Dyad Ruthenium-Based Molecules for Light-Driven Oxidation Catalysis. <i>Chemistry - A European Journal</i> , 2013, 19, 7162-7172.	3.3	39
98	Catalytic Four-Electron Reduction of O <sub>2</sub> via Rate-Determining Proton-Coupled Electron Transfer to a Dinuclear Cobalt-1,2-peroxo Complex. <i>Journal of the American Chemical Society</i> , 2012, 134, 9906-9909.	13.7	106
99	Synthesis, Structure, and Electronic Properties of RuN <sub>6</sub> Dinuclear Ru-Hbpp Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 320-327.	4.0	31
100	Rhodium(I)-Catalyzed [2 + 2 + 2] Cycloaddition Reactions of Triacetylenic 15-Membered Aza Macrocycles: A Comparative Structural Study. <i>Organometallics</i> , 2012, 31, 318-326.	2.3	12
101	Crystallization-Induced Dynamic Resolution of Stereolabile Biaryl Derivatives Involving Supramolecular Interactions. <i>Crystal Growth and Design</i> , 2012, 12, 2719-2723.	3.0	13
102	Substitution Reactions in Dinuclear Ru-Hbpp Complexes: an Evaluation of Through-Space Interactions. <i>Inorganic Chemistry</i> , 2012, 51, 1889-1901.	4.0	21
103	New Chiral Zinc Complexes: Synthesis, Structure, and Induction of Axial Chirality. <i>Inorganic Chemistry</i> , 2012, 51, 8643-8645.	4.0	12
104	SPANphos Ligands in Palladium-Catalyzed Asymmetric Fluorination. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4844-4852.	2.4	35
105	Ligand Geometry Directs O <sub>2</sub> Bond Formation Pathway in Ruthenium-Based Water Oxidation Catalyst. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5967-5970.	13.8	59
106	Mild formation of cyclic carbonates using Zn(II) complexes based on N <sub>2</sub> S <sub>2</sub> -chelating ligands. <i>Polyhedron</i> , 2012, 32, 49-53.	2.2	27
107	An Efficient Iron Catalyst for the Synthesis of Five- and Six-Membered Organic Carbonates under Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 469-476.	4.3	244
108	SPOs as new ligands in Rh(III) catalyzed enantioselective transfer hydrogenation. <i>Catalysis Science and Technology</i> , 2011, 1, 401.	4.1	38

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109	Carbon dioxide reduction by mononuclear ruthenium polypyridyl complexes. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 19480.	2.8	23
110	Synthesis, Structure, and Reactivity of New Tetranuclear Ru-Hbpp-Based Water-Oxidation Catalysts. <i>Inorganic Chemistry</i> , 2011, 50, 2771-2781.	4.0	61
111	Allosteric Pâ•O-Based Receptors for Dicarboxylic Acids. <i>Organic Letters</i> , 2011, 13, 3632-3635.	4.6	10
112	Multireversible Redox Processes in Pentanuclear Bis(Triple-Helical) Manganese Complexes Featuring an Oxo-Centered triangular {Mn<sup>II</sup><sub>2</sub>Mn<sup>III</sup>(Î¼<sub>3</sub>-O)}<sup>5+</sup> or {Mn<sup>II</sup>Mn<sup>III</sup><sub>2</sub>(Î¼<sub>3</sub>-O)}<sup>6+</sup> Core Wrapped by Two {Mn<sup>II</sup><sub>2</sub>(bpp)<sub>3</sub>}<sup>âˆ’</sup>. <i>Inorganic Chemistry</i> , 2011, 50, 8427-8436.	4.0	43
113	A Short Desymmetrization Protocol for the Coordination Environment in Bis-salphen Scaffolds. <i>Journal of Organic Chemistry</i> , 2011, 76, 5404-5412.	3.2	14
114	Shape-Persistent Octanuclear Zinc Salen Clusters: Synthesis, Characterization, and Catalysis. <i>Inorganic Chemistry</i> , 2011, 50, 7934-7936.	4.0	86
115	<i>N</i>-Benzyl-<i>N</i>-phosphino-<i>tert</i>-butylsulfonamide and Its Coordination Modes with Ir(I), Cu(I), Pd(II), and Pt(II): P,S or P,O?. <i>Organometallics</i> , 2011, 30, 3119-3130.	2.3	9
116	Access to multinuclear salen complexes using olefin metathesis. <i>Dalton Transactions</i> , 2011, 40, 3352.	3.3	26
117	Direct Cupration of Fluoroform. <i>Journal of the American Chemical Society</i> , 2011, 133, 20901-20913.	13.7	304
118	Steric and Electronic Parameters Characterizing Bulky and Electron-Rich Dialkylbiarylphosphines. <i>Organometallics</i> , 2011, 30, 1668-1676.	2.3	40
119	Large PâˆP Distance Diphosphines and Their Monophosphine Analogues as Ligands in the Palladium-Catalyzed Telomerization of 1,3-Butadiene and Methanol. <i>Organometallics</i> , 2011, 30, 792-799.	2.3	29
120	Chemical, Electrochemical, and Photochemical Catalytic Oxidation of Water to Dioxygen with Mononuclear Ruthenium Complexes. <i>ChemSusChem</i> , 2011, 4, 197-207.	6.8	20
121	Effective Chirogenesis in a Bis(metallosalphen) Complex through Hostâ€“Guest Binding with Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 713-716.	13.8	108
122	Back Cover: Effective Chirogenesis in a Bis(metallosalphen) Complex through Host-Guest Binding with Carboxylic Acids ( <i>Angew. Chem. Int. Ed.</i> 3/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 778-778.	13.8	2
123	Telomerisation of Butaâ€“1,3â€“diene and Methanol: Superiority of Chromanylâ€“Type Phosphines in the Dow Process for the Industrial Production of 1â€“MOD. <i>Chemistry - A European Journal</i> , 2011, 17, 8922-8928.	3.3	14
124	[(NHC)CuX] complexes: Synthesis, characterization and catalytic activities in reduction reactions and Click Chemistry. On the advantage of using well-defined catalytic systems. <i>Dalton Transactions</i> , 2010, 39, 7595.	3.3	197
125	Dimetallic Activation of Dihydrogen Phosphate by Zn(salphen) Chromophores. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4611-4616.	2.0	18
126	Facile Synthesis of Substituted Monoâ€“, Diâ€“, Triâ€“, and Tetraâ€“arylaâ€“2,3â€“dihydroâ€“1<i>H</i>-â€“perimidines. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4823-4831.	2.4	22



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127	Highly Modular $\text{P}i\text{-}\sigma\text{-}\text{OP}$ Ligands for Asymmetric Hydrogenation: Synthesis, Catalytic Activity, and Mechanism. <i>Chemistry - A European Journal</i> , 2010, 16, 6495-6508.	3.3	67
128	Phosphine-alkene Ligands as Mechanistic Probes in the Pauson-Khand Reaction. <i>Chemistry - A European Journal</i> , 2010, 16, 8340-8346.	3.3	12
129	A calixarene dendron with surface congestion at the first generation. <i>Chemical Communications</i> , 2010, 46, 1044.	4.1	10
130	Efficient Self-Sorting of a Racemic Tetra-Urea Calix[4]Pyrrole into a Single Heterodimeric Capsule. <i>Organic Letters</i> , 2010, 12, 1740-1743.	4.6	27
131	Asymmetric Hydrogenation of Heteroaromatic Compounds Mediated by Iridium( $\text{P-OP}$ ) Complexes. <i>Organometallics</i> , 2010, 29, 6627-6631.	2.3	62
132	Facile $\text{C-H}$ Bond Cleavage via a Proton-Coupled Electron Transfer Involving a $\text{C-H}\cdots\text{Cu}$ Interaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 12299-12306.	13.7	131
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