

Jordi Benet-Buchholz

List of Publications by Year in descending order

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25014

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296
all docs

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docs citations

296
times ranked

10206
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Ru Complex Capable of Catalytically Oxidizing Water to Molecular Dioxygen. <i>Journal of the American Chemical Society</i> , 2004, 126, 7798-7799.	6.6	371
2	Direct Cupration of Fluoroform. <i>Journal of the American Chemical Society</i> , 2011, 133, 20901-20913.	6.6	304
3	Cationic η^1/η^2 -Gold(I) Complexes of Simple Arenes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5455-5459.	7.2	268
4	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.	6.6	266
5	Efficient carbonate synthesis under mild conditions through cycloaddition of carbon dioxide to oxiranes using a Zn(salphen) catalyst. <i>Chemical Communications</i> , 2010, 46, 4580.	2.2	265
6	Stereospecific $C_{\alpha}H$ Oxidation with H_2O_2 Catalyzed by a Chemically Robust Site-Isolated Iron Catalyst. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5720-5723.	7.2	254
7	The Ru ^{II} Hbpp Water Oxidation Catalyst. <i>Journal of the American Chemical Society</i> , 2009, 131, 15176-15187.	6.6	253
8	Intramolecular Proton Transfer Boosts Water Oxidation Catalyzed by a Ru Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 10786-10795.	6.6	246
9	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.	2.1	244
10	Quantitative Evaluation of Anion- π Interactions in Solution. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4114-4118.	7.2	200
11	[(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.	1.6	197
12	Experimental and Theoretical Investigations of New Dinuclear Palladium Complexes as Precatalysts for the Amination of Aryl Chlorides. <i>Journal of the American Chemical Society</i> , 2006, 128, 6376-6390.	6.6	148
13	NO-Independent stimulators of soluble guanylate cyclase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 781-784.	1.0	144
14	Facile C-H Bond Cleavage via a Proton-Coupled Electron Transfer Involving a C-H \cdots A-Cu ^{II} Interaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 12299-12306.	6.6	131
15	Effects of Metal Coordination Geometry on Stabilization of Human Telomeric Quadruplex DNA by Square-Planar and Square-Pyramidal Metal Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 11910-11919.	1.9	126
16	Anion Influence on the Structures of a Series of Copper(II) Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2006, 45, 1617-1626.	1.9	125
17	Effective Chirogenesis in a Bis(metallosalphen) Complex through Host-Guest Binding with Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 713-716.	7.2	108
18	Easy Access to the Copper(III) Anion $[Cu(CF_3)_4]^{+}$. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2745-2749.	7.2	107

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19	Fine-Tuning the Electronic Properties of Highly Stable Organometallic Cu(III) Complexes Containing Monoanionic Macrocyclic Ligands. <i>Chemistry - A European Journal</i> , 2005, 11, 5146-5156.	1.7	106
20	Catalytic Four-Electron Reduction of O ₂ via Rate-Determining Proton-Coupled Electron Transfer to a Dinuclear Cobalt-μ ₂ -1,2-peroxo Complex. <i>Journal of the American Chemical Society</i> , 2012, 134, 9906-9909.	6.6	106
21	A Million Turnover Molecular Anode for Catalytic Water Oxidation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15382-15386.	7.2	90
22	Can the Disproportion of Oxidation State III Be Favored in Ru(II)/Ru(IV) Systems?. <i>Journal of the American Chemical Society</i> , 2006, 128, 5306-5307.	6.6	87
23	Cinnabaramides A ⁺ G: Analogues of Lactacystin and Salinosporamide from a Terrestrial Streptomyces. <i>Journal of Natural Products</i> , 2007, 70, 246-252.	1.5	86
24	Shape-Persistent Octanuclear Zinc Salen Clusters: Synthesis, Characterization, and Catalysis. <i>Inorganic Chemistry</i> , 2011, 50, 7934-7936.	1.9	86
25	Medicinal Chemistry Optimization of Acyldepsipeptides of the Enopeptin Class Antibiotics. <i>ChemMedChem</i> , 2006, 1, 689-693.	1.6	84
26	[Pd(NHC)(allyl)Cl] Complexes: Synthesis and Determination of the NHC Percent Buried Volume (% <i>V</i> _{bur}) Steric Parameter. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1767-1773.	1.0	82
27	A Self-Improved Water Oxidation Catalyst: Is One Site Really Enough?. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 205-209.	7.2	82
28	Mononuclear Ruthenium Water Oxidation Catalysts: Discerning between Electronic and Hydrogen-Bonding Effects. <i>Inorganic Chemistry</i> , 2013, 52, 3591-3593.	1.9	80
29	Tracking the Structural and Electronic Configurations of a Cobalt Proton Reduction Catalyst in Water. <i>Journal of the American Chemical Society</i> , 2016, 138, 10586-10596.	6.6	77
30	Supramolecular Water Oxidation with Ru(II)-Based Catalysts. <i>Chemistry - A European Journal</i> , 2014, 20, 17282-17286.	1.7	76
31	Easy Access to the Copper(III) Anion [Cu(CF ₃) ₄] ⁺ . <i>Angewandte Chemie</i> , 2015, 127, 2783-2787.	1.6	72
32	Synthesis, Structure, and Acid-Base and Redox Properties of a Family of New Ru(II) Isomeric Complexes Containing the Trpy and the Dinucleating Hbpp Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 8385-8394.	1.9	71
33	Easy Excited-State Trapping and Record High <i>k</i> _{TIESST} in a Spin-Crossover Polyanionic Fe(II) Trimer. <i>Journal of the American Chemical Society</i> , 2015, 137, 11924-11927.	6.6	71
34	Inclusion of Cavitands and Calix[4]arenes into a Metallobridgedpara-(1H-Imidazo[4,5-f][3,8]phenanthrolin-2-yl)-Expanded Calix[4]arene. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 198-201.	7.2	70
35	Self-assembly of Zn(salphen) complexes: Steric regulation, stability studies and crystallographic analysis revealing an unexpected dimeric 3,3'-t-Bu-substituted Zn(salphen) complex. <i>Dalton Transactions</i> , 2010, 39, 4541.	1.6	70
36	Insertion of Acrylonitrile into Palladium Methyl Bonds in Neutral and Anionic Pd(II) Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 1854-1869.	6.6	69

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37	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.	6.6	69
38	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.	1.1	68
39	Spirodiclofen and Spiromesifen – Novel Acaricidal and Insecticidal Tetrionic Acid Derivatives with a New Mode of Action. <i>Chimia</i> , 2003, 57, 697-701.	0.3	67
40	Highly Modular P-OP Ligands for Asymmetric Hydrogenation: Synthesis, Catalytic Activity, and Mechanism. <i>Chemistry - A European Journal</i> , 2010, 16, 6495-6508.	1.7	67
41	Synthesis, Structure, and Spectroscopic, Photochemical, Redox, and Catalytic Properties of Ruthenium(II) Isomeric Complexes Containing Dimethyl Sulfoxide, Chloro, and the Dinucleating Bis(2-pyridyl)pyrazole Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 2040-2048.	1.9	66
42	Expedient Method for the Transmetalation of Zn(II)-Centered Salphen Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 7265-7267.	1.9	66
43	Can Ni Complexes Behave as Molecular Water Oxidation Catalysts?. <i>ACS Catalysis</i> , 2019, 9, 3936-3945.	5.5	64
44	Structure and Total Synthesis of Lysobactin (Katanosin-B). <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2039-2042.	7.2	63
45	Supramolecular Adsorption of Alkaloids by Metallosalphen Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 4256-4263.	1.9	63
46	Solution-phase parallel synthesis of 4,6-diaryl-pyrimidine-2-ylamines and 2-amino-5,5-disubstituted-3,5-dihydro-imidazol-4-ones via a rearrangement. <i>Tetrahedron</i> , 2003, 59, 655-662.	1.0	62
47	Asymmetric Hydrogenation of Heteroaromatic Compounds Mediated by Iridium-P-OP Complexes. <i>Organometallics</i> , 2010, 29, 6627-6631.	1.1	62
48	Copper(II) Hexaaza Macrocyclic Binuclear Complexes Obtained from the Reaction of Their Copper(I) Derivates and Molecular Dioxygen. <i>Inorganic Chemistry</i> , 2006, 45, 3569-3581.	1.9	61
49	Efficient Bulky Phosphines for the Selective Telomerization of 1,3-Butadiene with Methanol. <i>Journal of the American Chemical Society</i> , 2010, 132, 6463-6473.	6.6	61
50	Synthesis, Structure, and Reactivity of New Tetranuclear Ru-Hbpp-Based Water-Oxidation Catalysts. <i>Inorganic Chemistry</i> , 2011, 50, 2771-2781.	1.9	61
51	Solid-State Self-Assembly of a Calix[4]pyrrole-Resorcinarene Hybrid into a Hexameric Cage. <i>Journal of the American Chemical Society</i> , 2007, 129, 3820-3821.	6.6	60
52	Chemodivergent Metathesis of Dienes Catalyzed by Ruthenium-Indenylidene Complexes: An Experimental and Computational Study. <i>Chemistry - A European Journal</i> , 2009, 15, 10244-10254.	1.7	60
53	Ionic Interaction as a Powerful Driving Force for the Formation of Heterobidentate Assembly Ligands. <i>Chemistry - A European Journal</i> , 2007, 13, 3424-3430.	1.7	59
54	Ligand Geometry Directs O-O Bond Formation Pathway in Ruthenium-Based Water Oxidation Catalyst. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5967-5970.	7.2	59

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55	Redox Metal-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.	6.6	59
56	Anion-Templated Formation of Supramolecular Multinuclear Assemblies. <i>Chemistry - A European Journal</i> , 2009, 15, 5695-5700.	1.7	58
57	The Critical Effect of the Counteraction in the Direct Cupration of Fluoroform with [Cu(OR) ₂] ⁺ . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11637-11641.	7.2	56
58	Transition Metal-Mediated Intramolecular [2+2+2] Cycloisomerizations of Cyclic Triynes and Eneidyne. <i>Journal of Organic Chemistry</i> , 2005, 70, 2033-2041.	1.7	55
59	Synthesis, Characterization, and Structure of [GaCl ₃ (NHC)] Complexes. <i>Organometallics</i> , 2007, 26, 3256-3259.	1.1	55
60	Colorimetric Discrimination between Important Alkaloid Nuclei Mediated by a Bis-Salphen Chromophore. <i>Organic Letters</i> , 2008, 10, 3311-3314.	2.4	55
61	Olefinmetathesis as a tool for multinuclear Co(salen) catalyst construction: access to cooperative catalysts. <i>Dalton Transactions</i> , 2010, 39, 593-602.	1.6	54
62	Water oxidation electrocatalysis using ruthenium coordination oligomers adsorbed on multiwalled carbon nanotubes. <i>Nature Chemistry</i> , 2020, 12, 1060-1066.	6.6	54
63	Mechanistic Insights into the Chemistry of Ru(II) Complexes Containing Cl and DMSO Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 10707-10716.	1.9	53
64	Isolation and Structural Characterization of a Binuclear Intermediate Species Pertinent to Transmetalation of Zn(salphen) Complexes and the Formation of Polynuclear Salen Structures. <i>Inorganic Chemistry</i> , 2009, 48, 846-853.	1.9	53
65	Copolymerization of CO ₂ and Cyclohexene Oxide Mediated by Yb(salen)-Based Complexes. <i>Macromolecules</i> , 2015, 48, 8197-8207.	2.2	53
66	Hydrogen Bonding Rescues Overpotential in Seven-Coordinated Ru Water Oxidation Catalysts. <i>ACS Catalysis</i> , 2017, 7, 6525-6532.	5.5	50
67	Capturing Elusive Cobaltacycle Intermediates: A Real-Time Snapshot of the Cp*Co(salen)-Catalyzed Oxidative Alkyne Annulation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12137-12141.	7.2	50
68	Efficient Regioselective Synthesis of 6-Amino-5-benzoyl-1-Substituted 2(1H)-Pyridinones. <i>Journal of Organic Chemistry</i> , 2005, 70, 9463-9469.	1.7	49
69	Structural and Kinetic Study of Reversible CO ₂ Fixation by Dicopper Macrocyclic Complexes. From Intramolecular Binding to Self-Assembly of Molecular Boxes. <i>Inorganic Chemistry</i> , 2007, 46, 9098-9110.	1.9	49
70	Crystallographic and Theoretical Evidence of Anion- and Hydrogen-Bonding Interactions in a Squaramide-Nitrate Salt. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1864-1868.	1.2	49
71	SPANphos: trans-spanning diphosphines as cis chelating ligands!. <i>Dalton Transactions</i> , 2006, , 268-278.	1.6	48
72	The longest oligothiophene ever examined by X-ray structure analysis. <i>Journal of Materials Chemistry</i> , 2006, 16, 728-735.	6.7	48

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73	Versatile Approach toward the Self-Assembly of Heteromultimetallic Salen Structures. <i>Inorganic Chemistry</i> , 2008, 47, 2925-2927.	1.9	48
74	Catalysis by Design: Wide β -Angle Diphosphines by Assembly of Ditopic Ligands for Selective Rhodium-Catalyzed Hydroformylation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7247-7250.	7.2	47
75	Efficient Asymmetric Synthesis of β -Amino Acid BAY 10-8888/PLD-118, a Novel Antifungal for the Treatment of Yeast Infections. <i>Synthesis</i> , 2003, 1, 0136-0140.	1.2	45
76	Axial ligand control over monolayer and bilayer formation of metal-salophens at the liquid-solids interface. <i>Chemical Communications</i> , 2010, 46, 2548.	2.2	44
77	Fast O ₂ Binding at Dicopper Complexes Containing Schiff-Base Dinucleating Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 4997-5012.	1.9	43
78	Multireversible Redox Processes in Pentanuclear Bis(Triple-Helical) Manganese Complexes Featuring an Oxo-Centered triangular {Mn ^{II} } ₂ Mn ^{III} ($\frac{1}{4}$)-O ⁵⁺ or {Mn ^{II} } ₂ Mn ^{III} ($\frac{1}{4}$)-O ⁶⁺ Core Wrapped by Two {Mn ^{II} } ₂ (bpp) ₃ . <i>Inorganic Chemistry</i> , 2011, 50, 8427-8436.	1.9	43
79	Small Bite-Angle β -OP Ligands for Asymmetric Hydroformylation and Hydrogenation. <i>Organic Letters</i> , 2013, 15, 3634-3637.	2.4	43
80	On the Feasibility of Nickel-Catalyzed Trifluoromethylation of Aryl Halides. <i>Organometallics</i> , 2014, 33, 6531-6543.	1.1	43
81	New Ru Complexes Containing the N-Tridentate bpea and Phosphine Ligands: Consequences of Meridional vs Facial Geometry. <i>Inorganic Chemistry</i> , 2006, 45, 10520-10529.	1.9	41
82	The Role of Seven-Coordination in Ru-Catalyzed Water Oxidation. <i>ACS Catalysis</i> , 2018, 8, 2039-2048.	5.5	41
83	A Ru ^{II} -bpbp-Based Water Oxidation Catalyst Anchored on Rutile TiO ₂ . <i>ChemSusChem</i> , 2009, 2, 321-329.	3.6	40
84	Steric and Electronic Parameters Characterizing Bulky and Electron-Rich Dialkylbiarylphosphines. <i>Organometallics</i> , 2011, 30, 1668-1676.	1.1	40
85	Well-Defined CuC ₂ F ₅ Complexes and Pentafluoroethylation of Acid Chlorides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5218-5222.	7.2	40
86	Solid Phases of Cyclopentane: Combined Experimental and Simulation Study. <i>Journal of Physical Chemistry B</i> , 2008, 112, 3746-3758.	1.2	39
87	Synthesis, Characterization, and Reactivity of Dyad Ruthenium-Based Molecules for Light-Driven Oxidation Catalysis. <i>Chemistry - A European Journal</i> , 2013, 19, 7162-7172.	1.7	39
88	Spirocyclopropanated Bicyclopropylidenes: Straightforward Preparation, Physical Properties, and Chemical Transformations. <i>Chemistry - A European Journal</i> , 2001, 7, 4021-4034.	1.7	38
89	SPOs as new ligands in Rh(III) catalyzed enantioselective transfer hydrogenation. <i>Catalysis Science and Technology</i> , 2011, 1, 401.	2.1	38
90	Synthesis of Nitrogen-Containing 15-Membered Triacetylenic Macrocycles. Stable Complex with Palladium(0). <i>Organometallics</i> , 2004, 23, 2762-2767.	1.1	37

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91	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.	1.7	37
92	Phosphinothiolates as Ligands for Polyhydrido Copper Nanoclusters. <i>Chemistry - A European Journal</i> , 2014, 20, 16121-16127.	1.7	37
93	Efficient Light-Driven Water Oxidation Catalysis by Dinuclear Ruthenium Complexes. <i>ChemSusChem</i> , 2015, 8, 3688-3696.	3.6	37
94	Consecutive Ligand-Based Electron Transfer in New Molecular Copper-Based Water Oxidation Catalysts. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18639-18644.	7.2	37
95	Pd-catalysed methoxycarbonylation of vinylarenes using chiral monodentate phosphetanes and phospholane as ligands. Effect of substrate substituents on enantioselectivity. <i>Dalton Transactions</i> , 2007, , 5524.	1.6	36
96	Dinuclear Cobalt Complexes with a Decadentate Ligand Scaffold: Hydrogen Evolution and Oxygen Reduction Catalysis. <i>Chemistry - A European Journal</i> , 2016, 22, 361-369.	1.7	36
97	Tetraalkynyl calix[4]arenes with advanced NLO properties. <i>Chemical Communications</i> , 2005, , 2747.	2.2	35
98	Phosphinooxazolines Derived from 3-Amino-1,2-diols: Highly Efficient Modular P-N Ligands. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2265-2278.	2.1	35
99	SPANphos Ligands in Palladium-Catalyzed Asymmetric Fluorination. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4844-4852.	1.2	35
100	Isolation of a Ru(IV) side-on peroxo intermediate in the water oxidation reaction. <i>Nature Chemistry</i> , 2021, 13, 800-804.	6.6	35
101	Synthesis, Structure, and Substitution Mechanism of New Ru(II) Complexes Containing 1,4,7-Trithiacyclononane and 1,10-Phenanthroline Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 5403-5409.	1.9	34
102	Practical Synthesis of Shi's Diester Fructose Derivative for Catalytic Asymmetric Epoxidation of Alkenes. <i>Journal of Organic Chemistry</i> , 2005, 70, 10143-10146.	1.7	34
103	Enthalpy driven nitrate complexation by guanidinium-based macrocycles. <i>New Journal of Chemistry</i> , 2007, 31, 736.	1.4	34
104	Modular Spiro Bidentate Nitrogen Ligands – Synthesis, Resolution and Application in Asymmetric Catalysis. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 6197-6205.	1.2	34
105	Synthesis and Biological Evaluation of a New Series of Hexahydro-2H-pyrano[3,2-c]quinolines as Novel Selective β_1 Receptor Ligands. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3656-3665.	2.9	34
106	The Trifluoromethyl Anion. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15289-15293.	7.2	34
107	Iron vs. ruthenium – a comparison of the stereoselectivity in catalytic olefin epoxidation. <i>Dalton Transactions</i> , 2009, , 5910.	1.6	33
108	Donor-Acceptor Metallocene Catalysts for the Production of UHMW-PE: Pushing the Selectivity for Chain Growth to Its Limits. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1799-1803.	7.2	32

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109	Modular Synthesis of Heterobimetallic Salen Structures Using Metal Templatation. <i>Organic Letters</i> , 2009, 11, 5218-5221.	2.4	32
110	Dinuclear Ru ^{II} -Aqua Complexes for Selective Epoxidation Catalysis Based on Supramolecular Substrate Orientation Effects. <i>Chemistry - A European Journal</i> , 2014, 20, 3898-3902.	1.7	32
111	How to circumvent plastic phases: the single crystal X-ray analysis of norbornadiene. <i>Chemical Communications</i> , 1998, , 2003-2004.	2.2	31
112	An approach to bimetallic catalysts by ligand design. <i>Dalton Transactions</i> , 2010, 39, 8560.	1.6	31
113	Synthesis, Structure, and Electronic Properties of Ru ₂ Dinuclear Ru-Hbpp Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 320-327.	1.9	31
114	Atropisomeric Discrimination in New Ru ^{II} Complexes Containing the C ₂ -Symmetric Didentate Chiral Phenyl-1,2-bisoxazolinic Ligand. <i>Chemistry - A European Journal</i> , 2006, 12, 2798-2807.	1.7	30
115	Synthesis, structural characterization and anion binding studies of palladium macrocycles with hydrogen-bonding ligands. <i>Dalton Transactions</i> , 2007, , 3516.	1.6	30
116	Facile Isolation of Bisimines Based on 3,3'-Diaminobenzidine: Direct Access to Unsymmetrical Bimetallic Salphen Building Blocks. <i>Journal of Organic Chemistry</i> , 2007, 72, 7018-7021.	1.7	30
117	A Modular Approach Towards Nonsymmetrical Bis(metallosalen) Building Blocks. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2863-2873.	1.0	30
118	Stereodivergent Syntheses of Conduramines and Aminocyclitols. <i>Organic Letters</i> , 2006, 8, 3069-3072.	2.4	29
119	New C ₂ -Symmetric Diphosphite Ligands Derived from Carbohydrates: Effect of the Remote Stereocenters on Asymmetric Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1983-1998.	2.1	29
120	Large P-P 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.	1.1	29
121	Boron Trifluoride-Induced, New Stereospecific Rearrangements of Chiral Epoxy Ethers. Ready Access to Enantiopure 4-(Diarylmethyl)-1,3-dioxolanes and 4,5-Disubstituted Tetrahydrobenzo[c]oxepin-4-ols. <i>Journal of Organic Chemistry</i> , 2006, 71, 1537-1544.	1.7	28
122	The use of Mo ^K 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.	0.5	28
123	Weakly Coordinated Cobaltacycles: Trapping Catalytically Competent Intermediates in Cp*Co ^{III} Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6239-6243.	7.2	28
124	Efficient Self-Sorting of a Racemic Tetra-Urea Calix[4]Pyrrole into a Single Heterodimeric Capsule. <i>Organic Letters</i> , 2010, 12, 1740-1743.	2.4	27
125	The Ru ^{II} -catalyzed sulfoxidation: a gated mechanism where O to S linkage isomerization switches between different efficiencies. <i>Dalton Transactions</i> , 2010, 39, 3315.	1.6	27
126	Mild formation of cyclic carbonates using Zn(II) complexes based on N ₂ S ₂ -chelating ligands. <i>Polyhedron</i> , 2012, 32, 49-53.	1.0	27

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127	Behavior of Ru ^{II} Water ^{II} Oxidation Catalysts in Low Oxidation States. Chemistry - A European Journal, 2018, 24, 12838-12847.	1.7	27
128	Total Synthesis and Initial Structure-Activity Relationships of Longicatenamycin...A. ChemMedChem, 2008, 3, 619-626.	1.6	26
129	Practical Approach to Structurally Diverse Monoimine Salts and Nonsymmetrical Metallosalphen Complexes. Organic Letters, 2010, 12, 4592-4595.	2.4	26
130	Access to multinuclear salen complexes using olefin metathesis. Dalton Transactions, 2011, 40, 3352.	1.6	26
131	The High-Intrinsic Diels-Alder Reactivity of (α)-Galiellalactone; Generating Four Quaternary Carbon Centers under Mild Conditions. European Journal of Organic Chemistry, 2004, 2004, 2783-2790.	1.2	25
132	Oxo-Bridge Scenario behind Single-Site Water-Oxidation Catalysts. Inorganic Chemistry, 2015, 54, 658-666.	1.9	25
133	Autocatalytic demetalation of a Zn(salphen) complex provoked by unprotected N-heterocycles. Dalton Transactions, 2008, , 734-737.	1.6	24
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