

Sergio Castillon

List of Publications by Year in descending order

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papers

5,773
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71102

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docs citations

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times ranked

5096
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#	ARTICLE	IF	CITATIONS
1	Revealing 2-dimethylhydrazino-2-alkyl alkynyl sphingosine derivatives as sphingosine kinase 2 inhibitors: Some hints on the structural basis for selective inhibition. <i>Bioorganic Chemistry</i> , 2022, 121, 105668.	4.1	2
2	Probing Site-Selective Conjugation Chemistries for the Construction of Homogeneous Synthetic Glycodendriproteins. <i>ChemBioChem</i> , 2022, , e202200020.	2.6	1
3	Regioselectivity Control in Pd-Catalyzed Telomerization of Isoprene Enabled by Solvent and Ligand Selection. <i>ACS Catalysis</i> , 2020, 10, 11458-11465.	11.2	9
4	Enantioselective Synthesis of β -Heterosubstituted α -Amino Alcohols by Sequential Metal-Free Diene Aziridination/Kinetic Resolution. <i>Chemistry - A European Journal</i> , 2019, 25, 12628-12635.	3.3	4
5	Synthesis of Polyfluorinated KRN7000 Analogues and Biological Implications. <i>Proceedings (mdpi)</i> , 2019, 22, 89.	0.2	0
6	Ligandless Pentafuoroethylation of Unactivated (Hetero)aryl and Alkenyl Halides Enabled by the Controlled Self-Condensation of TMSCF ₃ -Derived CuCF ₃ . <i>Journal of Organic Chemistry</i> , 2019, 84, 15087-15097.	3.2	28
7	Structure-Based Design of Potent Tumor-Associated Antigens: Modulation of Peptide Presentation by Single-Atom O/S or O/Se Substitutions at the Glycosidic Linkage. <i>Journal of the American Chemical Society</i> , 2019, 141, 4063-4072.	13.7	51
8	Enantioselective Synthesis of Aminodiols by Sequential Rhodium-Catalysed Oxyamination/Kinetic Resolution: Expanding the Substrate Scope of Amidine-Based Catalysis. <i>Chemistry - A European Journal</i> , 2018, 24, 4635-4642.	3.3	15
9	Fluorinated triazole-containing sphingosine analogues. Syntheses and in vitro evaluation as SPHK inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7230-7235.	2.8	7
10	Highly reactive 2-deoxy-2-iodo- <i>allo</i> and <i>gulo</i> pyranosyl sulfoxide donors ensure β -stereoselective glycosylations with steroidal aglycones. <i>RSC Advances</i> , 2018, 8, 30076-30079.	3.6	5
11	Trifluoromethylation of Electron-Rich Alkenyl Iodides with Fluoroform-Derived Ligandless CuCF ₃ . <i>Journal of Organic Chemistry</i> , 2018, 83, 8150-8160.	3.2	30
12	Chemical Access to <i>Sarmentose</i> Units Enables the Total Synthesis of Cardenolide Monoglycoside N-1 from <i>Nerium oleander</i> . <i>Journal of Organic Chemistry</i> , 2017, 82, 3327-3333.	3.2	9
13	Core-substituted naphthalenediimides anchored on BiVO ₄ for visible light-driven water splitting. <i>Green Chemistry</i> , 2017, 19, 2448-2462.	9.0	11
14	Metal-free and VOC-free O-glycosylation in supercritical CO ₂ . <i>Green Chemistry</i> , 2017, 19, 2687-2694.	9.0	19
15	Oxidative Activation of C-S Bonds with an Electropositive Nitrogen Promoter Enables Orthogonal Glycosylation of Alkyl over Phenyl Thioglycosides. <i>Organic Letters</i> , 2017, 19, 5490-5493.	4.6	23
16	Topological Defects in Hyperbranched Glycopolymers Enhance Binding to Lectins. <i>Chemistry - A European Journal</i> , 2017, 23, 15790-15794.	3.3	12
17	NHC-stabilised Rh nanoparticles: Surface study and application in the catalytic hydrogenation of aromatic substrates. <i>Journal of Catalysis</i> , 2017, 354, 113-127.	6.2	48
18	Salicyl-Naphthalene Cobalt Complexes as Catalysts for the Synthesis of High Molecular Weight Polycarbonates. <i>ChemCatChem</i> , 2017, 9, 3974-3981.	3.7	10

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19	Palladium-catalyzed allylic amination: a powerful tool for the enantioselective synthesis of acyclic nucleoside phosphonates. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7227-7234.	2.8	9
20	Effect of the Polymeric Stabilizer in the Aqueous Phase Fischer-Tropsch Synthesis Catalyzed by Colloidal Cobalt Nanocatalysts. <i>Nanomaterials</i> , 2017, 7, 58.	4.1	4
21	Substrate-Regiocontrolled Synthesis of Enantioenriched Allylic Amines by Palladium-Catalysed Asymmetric Allylic Amination: Formal Synthesis of Fagomine. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 4057-4066.	4.3	8
22	Enantioselective Formal Synthesis of Nectrisine Using a Palladium-Catalyzed Asymmetric Allylic Amination and Cross-Metathesis as Key Steps. <i>Journal of Organic Chemistry</i> , 2016, 81, 5217-5221.	3.2	5
23	Effect of polymeric stabilizers on Fischer-Tropsch synthesis catalyzed by cobalt nanoparticles supported on TiO ₂ . <i>Journal of Molecular Catalysis A</i> , 2016, 417, 43-52.	4.8	8
24	Fischer-Tropsch synthesis catalysed by small TiO ₂ supported cobalt nanoparticles prepared by sodium borohydride reduction. <i>Applied Catalysis A: General</i> , 2016, 513, 39-46.	4.3	34
25	Synthesis of Fluorosugar Reagents for the Construction of Well-Defined Fluoroglycoproteins. <i>Organic Letters</i> , 2015, 17, 2836-2839.	4.6	20
26	Selective catalytic hydrogenation of polycyclic aromatic hydrocarbons promoted by ruthenium nanoparticles. <i>Catalysis Science and Technology</i> , 2015, 5, 2741-2751.	4.1	31
27	Correlation between Hydrocarbon Product Distribution and Solvent Composition in the Fischer-Tropsch Synthesis Catalyzed by Colloidal Cobalt Nanoparticles. <i>ACS Catalysis</i> , 2015, 5, 4568-4578.	11.2	11
28	Synthesis of a <i>S</i> -Stereogenic PNP ^t _{Bu,Ph} Ruthenium Pincer Complex and Its Application in Asymmetric Reduction of Ketones. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3666-3669.	2.4	22
29	Effect of pH on catalyst activity and selectivity in the aqueous Fischer-Tropsch synthesis catalyzed by cobalt nanoparticles. <i>Catalysis Communications</i> , 2015, 71, 88-92.	3.3	13
30	Selective catalytic deuteration of phosphorus ligands using ruthenium nanoparticles: a new approach to gain information on ligand coordination. <i>Chemical Communications</i> , 2015, 51, 16342-16345.	4.1	24
31	Conformationally-locked N-glycosides: Exploiting long-range non-glycone interactions in the design of pharmacological chaperones for Gaucher disease. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 258-266.	5.5	15
32	Heterogenization of Pd-NHC complexes onto a silica support and their application in Suzuki-Miyaura coupling under batch and continuous flow conditions. <i>Catalysis Science and Technology</i> , 2015, 5, 310-319.	4.1	58
33	Tuning the Selectivity in the Hydrogenation of Aromatic Ketones Catalyzed by Similar Ruthenium and Rhodium Nanoparticles. <i>ChemCatChem</i> , 2014, 6, 3160-3168.	3.7	42
34	Rhodium-catalyzed regio- and stereoselective oxyamination of dienes via tandem aziridination/ring-opening of dienyl carbamates. <i>Chemical Communications</i> , 2014, 50, 7344-7347.	4.1	31
35	Ruthenium-catalyzed cross-metathesis with electron-rich phenyl vinyl sulfide enables access to 2,3-dideoxy-d-ribofuranose ring system donors. <i>RSC Advances</i> , 2014, 4, 19794-19799.	3.6	9
36	Syntheses of a Novel Fluorinated Triphosphinoborate Ligand and Its Copper and Silver Complexes. Catalytic Activity toward Nitrene Transfer Reactions. <i>Inorganic Chemistry</i> , 2014, 53, 3991-3999.	4.0	26

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37	Pd-Catalysed Mono- and Dicarboxylation of Aryl Iodides: Insights into the Mechanism and the Selectivity. <i>Chemistry - A European Journal</i> , 2014, 20, 10982-10989.	3.3	26
38	Modular Synthesis of Functionalisable Alkoxy-Tethered N-Heterocyclic Carbene Ligands and an Active Catalyst for Buchwald-Hartwig Aminations. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 460-474.	4.3	30
39	Tuning the Stereoelectronic Properties of 1-Sulfanylhex-1-enitols for the Sequential Stereoselective Synthesis of 2-Deoxy-2-iodo- β -D-allopyranosides. <i>Journal of Organic Chemistry</i> , 2014, 79, 3060-3068.	3.2	12
40	Chemo-, Regio-, and Stereoselective Silver-Catalyzed Aziridination of Dienes: Scope, Mechanistic Studies, and Ring-Opening Reactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 5342-5350.	13.7	89
41	Novel Polymer Stabilized Water Soluble Ru-Nanoparticles as Aqueous Colloidal Fischer-Tropsch Catalysts. <i>Topics in Catalysis</i> , 2013, 56, 1208-1219.	2.8	11
42	Advances in the enantioselective synthesis of carbocyclic nucleosides. <i>Chemical Society Reviews</i> , 2013, 42, 5056.	38.1	95
43	Fe-Catalyzed Olefin Epoxidation with Tridentate Non-Heme Ligands and Hydrogen Peroxide as the Oxidant. <i>ChemCatChem</i> , 2013, 5, 1092-1095.	3.7	12
44	Phosphine-Free Suzuki-Miyaura Cross-Coupling in Aqueous Media Enables Access to 2-Aryl-Glycosides. <i>Organic Letters</i> , 2012, 14, 1728-1731.	4.6	61
45	Recycling of allylic alkylation Pd catalysts containing phosphine-imidazoline ligands in ionic liquids. <i>Green Chemistry</i> , 2012, 14, 2715.	9.0	17
46	Conformationally-Locked N-Glycosides with Selective β -Glucosidase Inhibitory Activity: Identification of a New Non-Iminosugar-Type Pharmacological Chaperone for Gaucher Disease. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6857-6865.	6.4	36
47	A phosphine-free Pd catalyst for the selective double carbonylation of aryl iodides. <i>Chemical Communications</i> , 2012, 48, 1695-1697.	4.1	46
48	Highly Selective Palladium-Catalysed Aminocarbonylation of Aryl Iodides using a Bulky Diphosphine Ligand. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1971-1979.	4.3	20
49	Colloidal Ru, Co and Fe-nanoparticles. Synthesis and application as nanocatalysts in the Fischer-Tropsch process. <i>Catalysis Today</i> , 2012, 183, 154-171.	4.4	90
50	Efficient and regioselective ring-opening of arylaziridines with alcohols, thiols, amines and N-heteroaromatic compounds using sulphated zirconia. <i>Tetrahedron Letters</i> , 2012, 53, 2525-2529.	1.4	15
51	C1-Symmetric carbohydrate diphosphite ligands for asymmetric Pd-allylic alkylation reactions. Study of the key Pd-allyl intermediates. <i>Dalton Transactions</i> , 2011, 40, 2852.	3.3	7
52	Sequential Directed Epoxydation-Acidolysis from Glycals with MCPBA. A Flexible Approach to Protected Glycosyl Donors. <i>Journal of Organic Chemistry</i> , 2011, 76, 9622-9629.	3.2	7
53	Efficient recycling of a chiral palladium catalytic system for asymmetric allylic substitutions in ionic liquid. <i>Chemical Communications</i> , 2011, 47, 7869.	4.1	20
54	New Chiral P-N Ligands for the Regio- and Stereoselective Pd-Catalyzed Dimerization of Styrene. <i>Molecules</i> , 2011, 16, 1804-1824.	3.8	17

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55	Tridentate chiral NPN ligands based on bis(oxazolines) and their use in Pd-catalyzed enantioselective allylic substitution in molecular and ionic liquids. <i>Tetrahedron</i> , 2011, 67, 5402-5408.	1.9	32
56	Changing the Palladium Coordination to Phosphinoimidazolines with a Remote Triazole Substituent. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3255-3261.	4.3	19
57	Enantioselective Synthesis of Jaspine B (Pachastrissamine) and Its C α 2 and/or C α 3 Epimers. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1514-1519.	2.4	34
58	Highlights of Transition Metal-Catalyzed Asymmetric Hydrogenation of Imines. <i>ChemCatChem</i> , 2010, 2, 1346-1371.	3.7	251
59	Norbornene Bidentate Ligands: Coordination Chemistry and Enantioselective Catalytic Applications. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 758-766.	2.0	4
60	Synthesis of Hyperbranched β -Galceramide-Containing Dendritic Polymers that Bind HIV-1 gp120. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2657-2660.	2.4	15
61	Highly Efficient Rhodium Catalysts for the Asymmetric Hydroformylation of Vinyl and Allyl Ethers using <i>C</i> ₁ -Symmetrical Diphosphite Ligands. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 463-477.	4.3	49
62	Stereoselective Tandem Epoxidation-Alcoholysis/Hydrolysis of Glycals with Molybdenum Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3407-3418.	4.3	14
63	Phosphine Ligands in the Palladium-Catalysed Methoxycarbonylation of Ethene: Insights into the Catalytic Cycle through an HP α -NMR Spectroscopic Study. <i>Chemistry - A European Journal</i> , 2010, 16, 6919-6932.	3.3	74
64	Efficient Silver-Catalyzed Regio- and Stereospecific Aziridination of Dienes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7092-7095.	13.8	86
65	Studies on the Zn(II)-mediated electrophilic selenocyclization and elimination of 3,4-O-isopropylidene-protected hydroxyalkenyl sulfides: synthesis of a 2-phenylselenenyl glycal. <i>Carbohydrate Research</i> , 2010, 345, 1041-1045.	2.3	7
66	Highlights of the Rh-catalysed asymmetric hydroformylation of alkenes using phosphorus donor ligands. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1135-1146.	1.8	91
67	Recent Advances in the Synthesis of Sphingosine and Phytosphingosine, Molecules of Biological Significance. <i>Current Organic Chemistry</i> , 2010, 14, 2483-2521.	1.6	47
68	Soluble transition-metal nanoparticles-catalysed hydrogenation of arenes. <i>Dalton Transactions</i> , 2010, 39, 11499.	3.3	118
69	Short and General Procedure for Synthesizing Cis-1,2-Fused 1,3-Oxathiolan-, 1,3-Oxaselenolan-, and 1,3-Oxazolidin-2-imine Carbohydrate Derivatives. <i>Journal of Organic Chemistry</i> , 2010, 75, 514-517.	3.2	17
70	Synthesis of d/l-erythro-Sphingosine Using a Tethered Aminohydroxylation Reaction as the Key Step. <i>Synthesis</i> , 2009, 2009, 710-712.	2.3	1
71	Carbohydrate-Derived 1,3-Diphosphite Ligands as Chiral Nanoparticle Stabilizers: Promising Catalytic Systems for Asymmetric Hydrogenation. <i>ChemSusChem</i> , 2009, 2, 769-779.	6.8	54
72	<i>C</i> ₁ -Symmetric Diphosphite Ligands Derived from Carbohydrates: Influence of Structural Modifications on the Rhodium-Catalyzed Asymmetric Hydroformylation of Styrene. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1191-1201.	2.4	33

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73	Efficient Synthesis of \hat{I}^2 -Glycosphingolipids by Reaction of Stannylceramides with Glycosyl Iodides Promoted by TBAI/AW 300 Molecular Sieves. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3849-3852.	2.4	16
74	New chiral diphosphites derived from substituted 9,10-dihydroanthracene. Applications in asymmetric catalytic processes. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1009-1014.	1.8	17
75	Designing an effective approach for obtaining methylenecarboxylate analogues of adenophostin A. Preliminary results. <i>Carbohydrate Research</i> , 2009, 344, 2559-2567.	2.3	5
76	Rhodium-Catalyzed Intermolecular Hydroiminoacylation of Alkenes: Comparison of Neutral and Cationic Catalytic Systems. <i>Organometallics</i> , 2009, 28, 2976-2985.	2.3	13
77	An Efficient and General Enantioselective Synthesis of Sphingosine, Phythosphingosine, and 4-Substituted Derivatives. <i>Organic Letters</i> , 2009, 11, 205-208.	4.6	64
78	Chiral Diphosphite-Modified Rhodium(0) Nanoparticles: Catalyst Reservoir for Styrene Hydroformylation. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3460-3466.	2.0	54
79	Direct and Efficient Glycosylation Protocol for Synthesizing \hat{I}^2 -Glycolipids: Application to the Synthesis of KRN7000. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1851-1854.	2.4	19
80	Towards the preparation of 2 \hat{I}^3 -deoxy-2 \hat{I}^3 -fluoro-adenophostin A. Study of the glycosylation reaction. <i>Tetrahedron</i> , 2008, 64, 10906-10911.	1.9	13
81	Diphosphite ligands derived from carbohydrates as stabilizers for ruthenium nanoparticles: promising catalytic systems in arene hydrogenation. <i>Chemical Communications</i> , 2008, , 2759.	4.1	65
82	Asymmetric sulfur ylide based enantioselective synthesis of D-erythro-sphingosine. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4502.	2.8	35
83	An outstanding palladium system containing a C ₂ -symmetrical phosphite ligand for enantioselective allylic substitution processes. <i>Chemical Communications</i> , 2008, , 6197.	4.1	30
84	Stannyl ceramides as efficient acceptors for synthesising \hat{I}^2 -galactosyl ceramides. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3831.	2.8	9
85	Highly efficient and stereoselective synthesis of \hat{I}^2 -glycolipids. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 443-446.	2.8	24
86	Synthesis of <i>d</i> - and <i>l</i> -Carbocyclic Nucleosides via Rhodium-Catalyzed Asymmetric Hydroacylation as the Key Step. <i>Organic Letters</i> , 2008, 10, 4735-4738.	4.6	54
87	New alkyl derivatives phosphine sulfonate (P \hat{I} -O) ligands. Catalytic activity in Pd-catalysed Suzuki-Miyaura reactions in water. <i>Dalton Transactions</i> , 2007, , 2859-2861.	3.3	29
88	Synthesis of 2-Iodoglycals, Glycals, and 1,1 \hat{I} -Disaccharides from 2-Deoxy-2-iodopyranoses under Dehydrative Glycosylation Conditions. <i>Journal of Organic Chemistry</i> , 2007, 72, 8998-9001.	3.2	31
89	New <i>C</i> 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.	4.3	29
90	Palladium Catalytic Species Containing Chiral Phosphites: Towards a Discrimination between Molecular and Colloidal Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2459-2469.	4.3	68

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91	Stereoselective Synthesis of 2-Deoxyglycosides from Sulfanyl Alkenes by Consecutive α -One Pot α -Cyclization and Glycosylation Reactions. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2470-2476.	2.4	16
92	Stereoselective Synthesis of 2-Deoxy-2-phenylselenenyl Glycosides from Furanoses: Implication of the Phenylselenenyl Group in the Stereocontrolled Preparation of 2-Deoxy-ribo- and 2-Deoxy-xylo-oligosaccharides. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3564-3572.	2.4	21
93	Recent advances in the glycosylation of sphingosines and ceramides. <i>Carbohydrate Research</i> , 2007, 342, 1595-1612.	2.3	57
94	Rhodium-catalyzed intermolecular hydroacylation of 1-alkynes: Effect of phosphines and MK-10 on the reaction selectivity. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 1628-1632.	1.8	14
95	Synthesis of carbohydrate-based vinyl selenides via Wittig-type reactions. <i>Carbohydrate Research</i> , 2007, 342, 736-743.	2.3	8
96	General Method for Synthesizing Pyranoid Glycals. A New Route to Allal and Gulal Derivatives. <i>Organic Letters</i> , 2006, 8, 673-675.	4.6	29
97	Rhodium-diphosphite catalysed hydroformylation of allylbenzene and propenylbenzene derivatives. <i>Inorganica Chimica Acta</i> , 2006, 359, 2973-2979.	2.4	40
98	Selective hydrogenation of Δ^1, Δ^2 -unsaturated oxosteroids with homogeneous rhodium catalysts. <i>Journal of Molecular Catalysis A</i> , 2006, 247, 275-282.	4.8	9
99	New C2- and C1-Symmetric Phosphorus Ligands Based on Carbohydrate Scaffolds and Their Use in the Iridium-Catalysed Hydrogenation of Ketimines. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 627-633.	2.4	30
100	Asymmetric Hydroformylation. , 2006, , 35-64.		48
101	Enhanced regioselectivity in palladium-catalysed asymmetric methoxycarbonylation of styrene using phosphitanes as chiral ligands. <i>Inorganic Chemistry Communication</i> , 2005, 8, 1113-1115.	3.9	41
102	An Efficient Method for the Synthesis of Enantiopure Phosphine-Imidazoline Ligands: Application to the Ir-Catalyzed Hydrogenation of Imines.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
103	C1 and C2-Symmetric Carbohydrate Phosphorus Ligands in Asymmetric Catalysis. <i>ChemInform</i> , 2005, 36, no.	0.0	0
104	Oxidative carbonylation of aniline with new cobalt catalytic systems. <i>Canadian Journal of Chemistry</i> , 2005, 83, 764-768.	1.1	12
105	C1 and C2-symmetric carbohydrate phosphorus ligands in asymmetric catalysis. <i>Chemical Society Reviews</i> , 2005, 34, 702.	38.1	115
106	Stereoselective Synthesis of 2-Deoxy-2-iodo-glycosides from Furanoses. A New Route to 2-Deoxy-glycosides and 2-Deoxy-oligosaccharides of ribo and xylo Configuration. <i>Journal of Organic Chemistry</i> , 2005, 70, 10297-10310.	3.2	31
107	Insights into CO/Styrene Copolymerization by Using PdII Catalysts Containing Modular Pyridine-Imidazoline Ligands. <i>Chemistry - A European Journal</i> , 2004, 10, 3747-3760.	3.3	83
108	An efficient method for the synthesis of enantiopure phosphine-imidazoline ligands: application to the Ir-catalyzed hydrogenation of imines. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 3365-3373.	1.8	69

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109	Stereoselective iodine-induced cyclisation of alkene acetals. Application to the synthesis of 3-deoxy-exo-glycals and substituted tetrahydrofurans. <i>Tetrahedron Letters</i> , 2004, 45, 3721-3724.	1.4	13
110	Ir(I) complexes with oxazoline-thioether ligands: nucleophilic attack of pyridine on coordinated 1,5-cyclooctadiene and application as catalysts in imine hydrogenation. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1911-1918.	1.8	14
111	Carbohydrate derivative ligands in asymmetric catalysis. <i>Coordination Chemistry Reviews</i> , 2004, 248, 2165-2192.	18.8	170
112	C2-Symmetric Diphosphinite Ligands Derived from Carbohydrates. The Strong Influence of Remote Stereocenters on Asymmetric Rhodium-Catalyzed Hydrogenation. <i>Journal of Organic Chemistry</i> , 2004, 69, 7502-7510.	3.2	31
113	A Case for Enantioselective Allylic Alkylation Catalyzed by Palladium Nanoparticles. <i>Journal of the American Chemical Society</i> , 2004, 126, 1592-1593.	13.7	288
114	Iridium-Catalyzed Enantioselective Hydrogenation of Imines with Xylose Diphosphite and Diphosphinite Ligands. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 169-171.	4.3	60
115	Computational Insight into the Reaction Intermediates in the Glycosylation Reaction Assisted by Donor Heteroatoms.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
116	Montmorillonite K10 as a Suitable Co-Catalyst for Atom Economy in Chelation-Assisted Intermolecular Hydroacylation.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
117	Synthesis of 2-Substituted-benzothiazoles by Palladium-Catalyzed Intramolecular Cyclization of o-Bromophenylthioureas and o-Bromophenylthioamides.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
118	Montmorillonite K10 as a suitable co-catalyst for atom economy in chelation-assisted intermolecular hydroacylation. <i>Tetrahedron Letters</i> , 2003, 44, 1631-1634.	1.4	11
119	Stereoselective synthesis of l-isonucleosides. <i>Tetrahedron Letters</i> , 2003, 44, 3771-3773.	1.4	11
120	Synthesis of 2-substituted-benzothiazoles by palladium-catalyzed intramolecular cyclization of o-bromophenylthioureas and o-bromophenylthioamides. <i>Tetrahedron Letters</i> , 2003, 44, 6073-6077.	1.4	172
121	Synthesis of amino-1,4-anhydro-d-pentitols and amino-1,5-anhydro-d-hexitols with the arabino configuration from (R)-glycidol. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1847-1856.	1.8	13
122	Computational Insight into the Reaction Intermediates in the Glycosylation Reaction Assisted by Donor Heteroatoms. <i>Journal of Organic Chemistry</i> , 2003, 68, 686-691.	3.2	19
123	An Expedient and Efficient Procedure for the Synthesis of Unsaturated Acyclonucleosides of Z Configuration Related to D4T. <i>Journal of Organic Chemistry</i> , 2003, 68, 1172-1175.	3.2	12
124	A new and efficient catalytic method for synthesizing isocyanates from carbamates. <i>Tetrahedron Letters</i> , 2002, 43, 1673-1676.	1.4	51
125	Stereoselective synthesis of both enantiomers of 1,4-anhydro-alditols, 1,4-anhydro-2-amino-alditols and d- and l-isonucleosides from 2,3-O-isopropylidene-d-glyceraldehyde using iodine-induced cyclization as the key step. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1635-1643.	1.8	15
126	New Pyridine~Imidazoline Ligands for Palladium-Catalyzed Copolymerization of Carbon Monoxide and Styrene. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 3009-3011.	2.0	45

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127	Synthesis of Substituted Tetrahydrofuran by Electrophile-Induced Cyclization of 4-Pentene-1,2,3-triols $\hat{\alpha}^2$. An Example of 5-exo versus 5-endo Cyclization Governed by the Electrophile. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 507-516.	2.4	27
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