

Antoni Riera

List of Publications by Year in descending order

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242
papers

10,477
citations

47006

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docs citations

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times ranked

10606
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in the Enantioselective Synthesis of Chiral Amines via Transition Metal-Catalyzed Asymmetric Hydrogenation. <i>Chemical Reviews</i> , 2022, 122, 269-339.	47.7	166
2	Amino acids with fluorescent tetrazine ethers as bioorthogonal handles for peptide modification. <i>RSC Advances</i> , 2022, 12, 14321-14327.	3.6	1
3	Iridium-Catalyzed Asymmetric Hydrogenation of 2,3-Diarylallyl Amines with a Threonine-Derived P-Stereogenic Ligand for the Synthesis of Tetrahydroquinolines and Tetrahydroisoquinolines. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	9
4	Structure-based design of a Cortistatin analogue with immunomodulatory activity in models of inflammatory bowel disease. <i>Nature Communications</i> , 2021, 12, 1869.	12.8	16
5	BOM-Phosphinite as an Electrophilic P-Stereogenic Transfer Reagent for the Synthesis of Bulky Phosphines: Synthesis of <i>tert</i> - <i>tert</i> -Butyl(3,5-di- <i>tert</i> -butylphenyl)BisP ^κ . <i>Organic Letters</i> , 2021, 23, 4802-4806.	4.6	6
6	Somatostatin, an <i>In Vivo</i> Binder to A ^β Oligomers, Binds to PFO ₂ A ^β (1-42) Tetramers. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3358-3365.	3.5	7
7	Iridium-Catalyzed Asymmetric Isomerization of Primary Allylic Alcohols Using MaxPHOX Ligands: Experimental and Theoretical Study. <i>ChemCatChem</i> , 2020, 12, 4112-4120.	3.7	10
8	Optimal linker length for small molecule PROTACs that selectively target p38 ^α and p38 ^β for degradation. <i>European Journal of Medicinal Chemistry</i> , 2020, 201, 112451.	5.5	41
9	P-Stereogenic Amino-Phosphines as Chiral Ligands: From Privileged Intermediates to Asymmetric Catalysis. <i>Accounts of Chemical Research</i> , 2020, 53, 676-689.	15.6	61
10	Synthesis and Application of 3-Bromo-1,2,4,5-Tetrazine for Protein Labeling to Trigger Click-to-Release Biorthogonal Reactions. <i>Bioconjugate Chemistry</i> , 2020, 31, 933-938.	3.6	27
11	Catalytic Regioselective Isomerization of 2,2-Disubstituted Oxetanes to Homoallylic Alcohols. <i>Angewandte Chemie</i> , 2020, 132, 7591-7597.	2.0	1
12	Catalytic Regioselective Isomerization of 2,2-Disubstituted Oxetanes to Homoallylic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7521-7527.	13.8	16
13	Asymmetric Synthesis of Fluorinated Monoterpenic Alkaloid Derivatives from Chiral Fluoroalkyl Aldimines via the Pauson-Khand Reaction. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1378-1384.	4.3	9
14	Synthesis of 3-alkyl-6-methyl-1,2,4,5-tetrazines <i>via</i> a Sonogashira-type cross-coupling reaction. <i>Chemical Communications</i> , 2020, 56, 11086-11089.	4.1	10
15	Enantioselective Synthesis of <i>N</i> -Methyl Amines <i>via</i> Iridium-Catalyzed Asymmetric Hydrogenation of <i>N</i> -Sulfonyl Allyl Amines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4196-4200.	4.3	20
16	Highly Enantioselective Iridium-Catalyzed Hydrogenation of 2-Aryl Allyl Phthalimides. <i>Organic Letters</i> , 2019, 21, 9709-9713.	4.6	21
17	Coordination chemistry and catalysis with secondary phosphine oxides. <i>Catalysis Science and Technology</i> , 2019, 9, 5504-5561.	4.1	62
18	Mild Iridium-Catalysed Isomerization of Epoxides. Computational Insights and Application to the Synthesis of <i>N</i> -Alkyl Amines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3624-3631.	4.3	12

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19	Iridium complexes with P-stereogenic phosphino imidazole ligands: Synthesis, structure and catalysis. <i>Tetrahedron</i> , 2019, 75, 4358-4364.	1.9	10
20	Extending the Substrate Scope in the Hydrogenation of Unfunctionalized Tetrasubstituted Olefins with Ir-P Stereogenic Aminophosphineâ€“Oxazoline Catalysts. <i>Organic Letters</i> , 2019, 21, 807-811.	4.6	37
21	P-Stereogenic and Non-P-Stereogenic Irâ€“MaxPHOX in the Asymmetric Hydrogenation of <i>N</i>-Aryl Imines. Isolation and X-ray Analysis of Imine Iridacycles. <i>Journal of Organic Chemistry</i> , 2018, 83, 4618-4627.	3.2	40
22	TGFÎ² drives immune evasion in genetically reconstituted colon cancer metastasis. <i>Nature</i> , 2018, 554, 538-543.	27.8	1,296
23	Synthesis and coordination chemistry of enantiopure t-BuMeP(O)H. <i>Dalton Transactions</i> , 2018, 47, 5366-5379.	3.3	16
24	Direct Asymmetric Hydrogenation of <i>N</i>-Methyl and <i>N</i>-Alkyl Imines with an Ir(III)H Catalyst. <i>Journal of the American Chemical Society</i> , 2018, 140, 16967-16970.	13.7	47
25	Iridium-Catalyzed Isomerization of <i>N</i>-Sulfonyl Aziridines to Allyl Amines. <i>Organic Letters</i> , 2018, 20, 5747-5751.	4.6	25
26	Catalytic Pausonâ€“Khand Reaction in Ethylene Glycolâ€“Toluene: Activity, Selectivity, and Catalyst Recycling. <i>Synthesis</i> , 2018, 50, 3891-3896.	2.3	3
27	Total Synthesis of (<i>R</i>)-Sarkomycin Methyl Ester via Regioselective Intermolecular Pausonâ€“Khand Reaction and Iridium-Catalyzed Asymmetric Isomerization. <i>Organic Letters</i> , 2018, 20, 3953-3957.	4.6	20
28	The Nuclear Receptor LXR Limits Bacterial Infection of Host Macrophages through a Mechanism that Impacts Cellular NAD Metabolism. <i>Cell Reports</i> , 2017, 18, 1241-1255.	6.4	85
29	Synthesis, Coordination Study, and Catalytic Pausonâ€“Khand Reactions of QuinoxP*(CO) ₄ -1/4-Alkyne Dicobalt Complexes. <i>Organometallics</i> , 2017, 36, 1056-1065.	2.3	19
30	Ethylene Glycol Assisted Intermolecular Pausonâ€“Khand Reaction. <i>Synthesis</i> , 2017, 49, 3945-3951.	2.3	14
31	Dialkylammonium <i>tert</i>-Butylmethylphosphinites: Stable Intermediates for the Synthesis of P-Stereogenic Ligands. <i>Journal of Organic Chemistry</i> , 2017, 82, 7065-7069.	3.2	15
32	Efficient Synthesis of Polycyclic Î³-Lactams by Catalytic Carbonylation of Eneâ€“Imines via Nickelacycle Intermediates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8206-8210.	13.8	43
33	Efficient Synthesis of Polycyclic Î³-Lactams by Catalytic Carbonylation of Eneâ€“Imines via Nickelacycle Intermediates. <i>Angewandte Chemie</i> , 2017, 129, 8318-8322.	2.0	20
34	P-Stereogenic bisphosphines with a hydrazine backbone: from Nâ€“N atropisomerism to double nitrogen inversion. <i>Chemical Communications</i> , 2017, 53, 4605-4608.	4.1	18
35	Half-sandwich complexes of Ir(<sc>iii</sc>), Rh(<sc>iii</sc>) and Ru(<sc>ii</sc>) with the MaxPhos ligand: metal centred chirality and cyclometallation. <i>Dalton Transactions</i> , 2017, 46, 15865-15874.	3.3	6
36	Stereodivergent Syntheses of <i>altro</i> and <i>manno</i> Stereoisomers of 2â€“Acetamido-1,2â€“dideoxynojirimycin. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 7179-7185.	2.4	1

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37	Highly Enantioselective Iridium-Catalyzed Hydrogenation of Cyclic Enamides. <i>Angewandte Chemie</i> , 2016, 128, 8120-8124.	2.0	24
38	Highly Enantioselective Iridium-Catalyzed Hydrogenation of Cyclic Enamides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7988-7992.	13.8	79
39	Peptide aromatic interactions modulated by fluorinated residues: Synthesis, structure and biological activity of Somatostatin analogs containing 3-(3,5-difluorophenyl)-alanine. <i>Scientific Reports</i> , 2016, 6, 27285.	3.3	10
40	EPI-001, A Compound Active against Castration-Resistant Prostate Cancer, Targets Transactivation Unit 5 of the Androgen Receptor. <i>ACS Chemical Biology</i> , 2016, 11, 2499-2505.	3.4	109
41	Efficient Preparation of (S)- and (R)-tert-Butylmethylphosphine-Borane: A Novel Entry to Important P-Stereogenic Ligands. <i>Synthesis</i> , 2016, 48, 2659-2663.	2.3	8
42	Efficient stereoselective synthesis of 2-acetamido-1,2-dideoxyallonojirimycin (DAJNac) and sp ² -iminosugar conjugates: Novel hexosaminidase inhibitors with discrimination capabilities between the mature and precursor forms of the enzyme. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 926-938.	5.5	23
43	Addition of HOBT improves the conversion of thioester-Amine chemical ligation. <i>Biopolymers</i> , 2015, 104, 693-702.	2.4	1
44	Asymmetric Intermolecular Cobalt-Catalyzed Pauson-Khand Reaction Using a P-Stereogenic Bis-phosphane. <i>Organic Letters</i> , 2015, 17, 250-253.	4.6	42
45	Stromal gene expression defines poor-prognosis subtypes in colorectal cancer. <i>Nature Genetics</i> , 2015, 47, 320-329.	21.4	858
46	Structure of the N-terminal domain of the protein Expansion: an 'Expansion' to the Smad MH2 fold. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 844-853.	2.5	7
47	Stereoselective synthesis of 2-acetamido-1,2-dideoxyjirimycin (DNJNac) and ureido-DNJNac derivatives as new hexosaminidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6500-6510.	2.8	19
48	Rhodium-Catalyzed Pauson-Khand Reaction Using a Small-Bite-Angle P-Stereogenic C1-Diphosphine Ligand. <i>Organometallics</i> , 2015, 34, 4989-4993.	2.3	25
49	Stereospecific S _N 2@P reactions: novel access to bulky P-stereogenic ligands. <i>Chemical Communications</i> , 2015, 51, 17548-17551.	4.1	43
50	Borane as an efficient directing group. Stereoselective 1,2-addition of organometallic reagents to borane P-stereogenic N-phosphanylimines. <i>Chemical Communications</i> , 2015, 51, 1941-1944.	4.1	11
51	Pauson-Khand Reaction of Internal Dissymmetric Trifluoromethyl Alkynes. Influence of the Alkene on the Regioselectivity. <i>Molecules</i> , 2014, 19, 1763-1774.	3.8	6
52	MaxPHOS Ligand: PH/NH Tautomerism and Rhodium-Catalyzed Asymmetric Hydrogenations. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 795-804.	4.3	55
53	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
54	Asymmetric Allylation/Pauson-Khand Reaction: A Simple Entry to Polycyclic Amines. Application to the Synthesis of Aminosteroid Analogues. <i>Organic Letters</i> , 2014, 16, 1224-1227.	4.6	35

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55	Regioselectivity of Intermolecular Pauson-Khand Reaction of Aliphatic Alkynes: Experimental and Theoretical Study of the Effect of Alkyne Polarization. <i>Journal of Organic Chemistry</i> , 2014, 79, 10999-11010.	3.2	21
56	Molecular basis of the selective binding of MDMA enantiomers to the $\alpha_4\beta_2$ nicotinic receptor subtype: Synthesis, pharmacological evaluation and mechanistic studies. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 35-46.	5.5	11
57	A tetradecapeptide somatostatin dicarba-analog: Synthesis, structural impact and biological activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 103-107.	2.2	23
58	Immunostaining Protocol: P-Stat3 (Xenograft and Mice). <i>Bio-protocol</i> , 2014, 4, .	0.4	0
59	Stereoselective Synthesis of 2-Acetamido-1,2-dideoxyallonojirimycin (DAJNAc), a New Potent Hexosaminidase Inhibitor. <i>Organic Letters</i> , 2013, 15, 3638-3641.	4.6	16
60	Gas-phase collision induced dissociation mechanisms of peptides: Theoretical and experimental study of N-formylalanyl amide fragmentation. <i>International Journal of Mass Spectrometry</i> , 2013, 335, 33-44.	1.5	30
61	The Pauson-Khand reaction of medium sized trans-cycloalkenes. <i>Chemical Communications</i> , 2013, 49, 3055.	4.1	14
62	General Approach to Prostanoids by Intermolecular Pauson-Khand Reaction: Syntheses of Methyl Esters of Prostaglandin B ₁ and Phytoprostanoids B ₁ and PhytoP and 9 α -L ₁ . <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1716-1725.	2.4	14
63	Stereodivergent S _N 2@P Reactions of Borane Oxazaphospholidines: Experimental and Theoretical Studies. <i>Journal of the American Chemical Society</i> , 2013, 135, 4483-4491.	13.7	48
64	Synthesis and Application of β -Substituted Pauson-Khand Adducts: Trifluoromethyl as a Removable Steering Group. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5355-5359.	13.8	25
65	Pauson-Khand Adducts of <i>N</i> -Boc-propargylamine: A New Approach to 4,5-Disubstituted Cyclopentenones. <i>Organic Letters</i> , 2013, 15, 2696-2699.	4.6	17
66	Insights into Structure-Activity Relationships of Somatostatin Analogs Containing Mesitylalanine. <i>Molecules</i> , 2013, 18, 14564-14584.	3.8	12
67	Dependency of Colorectal Cancer on a TGF- β -Driven Program in Stromal Cells for Metastasis Initiation. <i>Cancer Cell</i> , 2012, 22, 571-584.	16.8	881
68	Neutral vs. cationic rhodium (I) complexes of bulky N-phosphino sulfinamide ligands: Coordination modes and its influence in the asymmetric hydrogenation of Z-MAC. <i>Journal of Organometallic Chemistry</i> , 2012, 717, 135-140.	1.8	6
69	Helical Atropisomers of Strained Phenanthrenes by Photochemistry of Aromatic Pauson-Khand Cycloadducts. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6058-6063.	2.4	1
70	Tetramethylnorbornadiene, a Versatile Alkene for Cyclopentenone Synthesis through Intermolecular Pauson-Khand Reactions. <i>Organic Letters</i> , 2012, 14, 3534-3537.	4.6	22
71	Innenrücktitelbild: Fine-tuning the π - π Aromatic Interactions in Peptides: Somatostatin Analogues Containing Mesityl Alanine (<i>Angew. Chem.</i> 8/2012). <i>Angewandte Chemie</i> , 2012, 124, 2015-2015.	2.0	0
72	Titelbild: P-Stereogenic Secondary Iminophosphorane Ligands and Their Rhodium(I) Complexes: Taking Advantage of NH/PH Tautomerism (<i>Angew. Chem.</i> 28/2012). <i>Angewandte Chemie</i> , 2012, 124, 6901-6901.	2.0	1

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73	Pâ€Stereogenic Secondary Iminophosphorane Ligands and Their Rhodium(I) Complexes: Taking Advantage of NH/PH Tautomerism. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6951-6955.	13.8	46
74	Fineâ€tuning the Ĩâ€Ī Aromatic Interactions in Peptides: Somatostatin Analogues Containing Mesityl Alanine. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1820-1825.	13.8	19
75	Inside Back Cover: Fineâ€tuning the Ĩâ€Ī Aromatic Interactions in Peptides: Somatostatin Analogues Containing Mesityl Alanine (<i>Angew. Chem. Int. Ed.</i> 8/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1977-1977.	13.8	0
76	Enantioselective Synthesis of Sphingadienines and Aromatic Ceramide Analogs. <i>Organic Letters</i> , 2011, 13, 5184-5187.	4.6	11
77	Stereoselective Synthesis of P-Stereogenic Aminophosphines: Ring Opening of Bulky Oxazaphospholidines. <i>Journal of the American Chemical Society</i> , 2011, 133, 5740-5743.	13.7	92
78	<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
79	Saline Intermolecular Pausonâ€Khand Reactions of Propargyl Amine. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1438-1442.	2.4	4
80	Solvent and Substituent Effects on the Photochemistry of Norbornadieneâ€Diarylacetylene Pausonâ€Khand Adducts. <i>Chemistry - A European Journal</i> , 2011, 17, 3942-3948.	3.3	6
81	SSTR1â€and SSTR3â€Selective Somatostatin Analogues. <i>ChemBioChem</i> , 2011, 12, 625-632.	2.6	14
82	Chiral N-phosphino sulfonamide ligands in rhodium(I)-catalyzed [2+2+2] cycloaddition reactions. <i>Tetrahedron</i> , 2010, 66, 9032-9040.	1.9	41
83	Phosphineâ€Alkene Ligands as Mechanistic Probes in the Pausonâ€Khand Reaction. <i>Chemistry - A European Journal</i> , 2010, 16, 8340-8346.	3.3	12
84	Primary and Secondary Aminophosphines as Novel Pâ€Stereogenic Building Blocks for Ligand Synthesis. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9452-9455.	13.8	95
85	Synthesis of a new camphor derived P,S(O) ligand. The importance of Câ€Hâ€O bonding in the ligand exchange reactions with Co ₂ (1/4-alkyne)(CO) ₆ complexes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2377-2380.	1.8	6
86	Synthetic Applications of Chiral Unsaturated Epoxy Alcohols Prepared by Sharpless Asymmetric Epoxidation. <i>Molecules</i> , 2010, 15, 1041-1073.	3.8	41
87	Regioselectivity in Intermolecular Pauson-Khand Reactions of Dissymmetric Fluorinated Alkynes. <i>Organic Letters</i> , 2010, 12, 5620-5623.	4.6	24
88	PNSO Ligands as a Tool to Study Metal Bonding of Electron-Deficient Sulfinyl Groups. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4446-4453.	2.0	11
89	Asymmetric Intermolecular Pausonâ€Khand Reaction of Symmetrically Substituted Alkynes. <i>Organic Letters</i> , 2009, 11, 4346-4349.	4.6	52
90	Cationic Rhodium (I) Complexes of N-Phosphino-tert-butylsulfonamide Ligands: Synthesis, Structure, and Coordination Modes. <i>Organometallics</i> , 2009, 28, 480-487.	2.3	18

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91	Sulfinylmethyl Phosphines as Chiral Ligands in the Intermolecular Pauson-Khand Reaction. <i>Organometallics</i> , 2009, 28, 4571-4576.	2.3	27
92	Synthesis of Prostaglandin and Phytoprostane B ₁ Via Regioselective Intermolecular Pauson-Khand Reactions. <i>Organic Letters</i> , 2009, 11, 3104-3107.	4.6	54
93	Asymmetric Synthesis of <i>cis</i> - and <i>trans</i> -Hydroxypipercolic Acids. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1789-1796.	2.4	28
94	<i>N</i> -Phosphino- <i>p</i> -tolylsulfonamide Ligands: Synthesis, Stability, and Application to the Intermolecular Pauson-Khand Reaction. <i>Journal of Organic Chemistry</i> , 2008, 73, 7080-7087.	3.2	47
95	Theoretical and Experimental Studies on the Mechanism of Norbornadiene Pauson-Khand Cycloadducts Photorearrangement. Is There a Pathway on the Excited Singlet Potential Energy Surface?. <i>Journal of the American Chemical Society</i> , 2008, 130, 16898-16907.	13.7	5
96	The conjugate addition-Peterson olefination reaction for the preparation of cross-conjugated cyclopentenone, PPAR- β ligands. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4649.	2.8	40
97	Enantioselective Syntheses of Carbanucleosides from the Pauson-Khand Adduct of Trimethylsilylacetylene and Norbornadiene. <i>Organic Letters</i> , 2008, 10, 4509-4512.	4.6	51
98	Enantioselective Synthesis of Indolizidine Alkaloid trans-209D. <i>Journal of Organic Chemistry</i> , 2008, 73, 8661-8664.	3.2	15
99	Enantioselective Synthesis of <i>trans</i> -4-Methylpipercolic Acid. <i>Journal of Organic Chemistry</i> , 2007, 72, 7688-7692.	3.2	25
100	Kinetic Studies on the Cobalt-Catalyzed Norbornadiene Intermolecular Pauson-Khand Reaction. <i>Organometallics</i> , 2007, 26, 1134-1142.	2.3	24
101	Phosphine-Dependent Stereoselectivity in the Mitsunobu Cyclodehydration of 1,2-Diols: A Stereodivergent Approach to Triaryl-Substituted Epoxides. <i>Organic Letters</i> , 2007, 9, 635-638.	4.6	22
102	<i>N</i> -Phosphino Sulfonamide Ligands: An Efficient Manner To Combine Sulfur Chirality and Phosphorus Coordination Behavior. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5020-5023.	13.8	82
103	Photochemical Rearrangements of Norbornadiene Pauson-Khand Cycloadducts. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5943-5946.	13.8	12
104	PuPHOS and CamPHOS Ligands in the Intermolecular Catalytic Pauson-Khand Reaction. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2121-2128.	4.3	37
105	Enantioselective synthesis of hydroxylated pyrrolidines via Sharpless epoxidation and olefin metathesis. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 149-154.	1.8	37
106	A unified approach to mesityl amino acids based on Sharpless dihydroxylation. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2797-2802.	1.8	11
107	Synthesis and NMR experiments of (4,5,6- ¹³ C)-deoxymannojirimycin. A new entry to ¹³ C-labeled glycosidase inhibitors. <i>Carbohydrate Research</i> , 2007, 342, 1805-1812.	2.3	8
108	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.	3.2	28

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109	Stereodivergent Syntheses of Conduramines and Aminocyclitols. <i>Organic Letters</i> , 2006, 8, 3069-3072.	4.6	29
110	C ¹ -H ¹ -O Hydrogen Bond-Directed Ligand Exchange Reaction: Diastereoselective Synthesis of P,S-Bridged (1 ¹ /4-alkyne)Co ₂ (CO) ₄ Complexes. <i>Organometallics</i> , 2006, 25, 5795-5799.	2.3	8
111	Synthesis of Heavily Substituted 1,2-Amino Alcohols in Enantiomerically Pure Form.. <i>ChemInform</i> , 2006, 37, no.	0.0	0
112	Improved preparation of β -hydroxy- α -amino acids: direct formation of sulfates by sulfonyl chloride. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3908-3912.	1.8	26
113	Total Synthesis and Biological Activity of 13,14-Dehydro-12-Oxo-Phytodienoic Acids (Deoxy-J1-Phytosteranes). <i>ChemBioChem</i> , 2005, 6, 276-280.	2.6	42
114	Polystyrene-Supported (R)-2-Piperazino-1,1,2-triphenylethanol: A Readily Available Supported Ligand with Unparalleled Catalytic Activity and Enantioselectivity.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
115	Enantioselective Synthesis of erythro- β -Hydroxyglutamic Acid. <i>Synthetic Communications</i> , 2005, 35, 289-297.	2.1	10
116	Phosphine-Substrate Recognition through the C ¹ -H ¹ -O Hydrogen Bond: Application to the Asymmetric Pauson-Khand Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 13629-13633.	13.7	53
117	Polystyrene-Supported (R)-2-Piperazino-1,1,2-triphenylethanol: A Readily Available Supported Ligand with Unparalleled Catalytic Activity and Enantioselectivity. <i>Journal of Organic Chemistry</i> , 2005, 70, 433-438.	3.2	36
118	Synthesis of Heavily Substituted 1,2-Amino Alcohols in Enantiomerically Pure Form. <i>Journal of Organic Chemistry</i> , 2005, 70, 7426-7428.	3.2	18
119	Practical, Scalable, Enantioselective Synthesis of (2R,3R)-N-Boc-2-amino-3-cyclohexyl-3-hydroxypropanoic Acid. <i>Organic Process Research and Development</i> , 2005, 9, 690-693.	2.7	8
120	General Approach to Glycosidase Inhibitors. Enantioselective Synthesis of Deoxymannojirimycin and Swainsonine. <i>Journal of Organic Chemistry</i> , 2005, 70, 2325-2328.	3.2	112
121	Synthesis of Enantiopure Amino Alcohols by Ring-Opening of Epoxyalcohols and Epoxyethers with Ammonia.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
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