

Antoni Riera

List of Publications by Year in descending order

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242
papers

10,477
citations

47006

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303
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303
docs citations

303
times ranked

10606
citing authors

#	ARTICLE	IF	CITATIONS
1	TGF β 2 drives immune evasion in genetically reconstituted colon cancer metastasis. <i>Nature</i> , 2018, 554, 538-543.	27.8	1,296
2	Dependency of Colorectal Cancer on a TGF β 2-Driven Program in Stromal Cells for Metastasis Initiation. <i>Cancer Cell</i> , 2012, 22, 571-584.	16.8	881
3	Stromal gene expression defines poor-prognosis subtypes in colorectal cancer. <i>Nature Genetics</i> , 2015, 47, 320-329.	21.4	858
4	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
5	Asymmetric approach to Pauson-Khand bicyclization. Enantioselective formal synthesis of hirsutene. <i>Journal of the American Chemical Society</i> , 1990, 112, 9388-9389.	13.7	135
6	2-Piperidino-1,1,2-triphenylethanol: A Highly Effective Catalyst for the Enantioselective Arylation of Aldehydes. <i>Journal of Organic Chemistry</i> , 2004, 69, 2532-2543.	3.2	128
7	A Superior, Readily Available Enantiopure Ligand for the Catalytic Enantioselective Addition of Diethylzinc to α -Substituted Aldehydes. <i>Journal of Organic Chemistry</i> , 1998, 63, 7078-7082.	3.2	115
8	General Approach to Glycosidase Inhibitors. Enantioselective Synthesis of Deoxymannojirimycin and Swainsonine. <i>Journal of Organic Chemistry</i> , 2005, 70, 2325-2328.	3.2	112
9	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
10	A Dual-Function, Highly Efficient Chiral Controller for Stereoselective Intermolecular Pauson-Khand Reactions. <i>Journal of the American Chemical Society</i> , 1994, 116, 2153-2154.	13.7	106
11	A New Chiral Bidentate (P,S) Ligand for the Asymmetric Intermolecular Pauson-Khand Reaction. <i>Journal of the American Chemical Society</i> , 2000, 122, 10242-10243.	13.7	103
12	High Catalytic Activity of Chiral Amino Alcohol Ligands Anchored to Polystyrene Resins. <i>Journal of Organic Chemistry</i> , 1998, 63, 6309-6318.	3.2	101
13	Primary and Secondary Aminophosphines as Novel Stereogenic Building Blocks for Ligand Synthesis. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9452-9455.	13.8	95
14	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
15	Synthesis of a Family of Fine-Tunable New Chiral Ligands for Catalytic Asymmetric Synthesis. Ligand Optimization through the Enantioselective Addition of Diethylzinc to Aldehydes. <i>Journal of Organic Chemistry</i> , 1997, 62, 4970-4982.	3.2	89
16	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
17	N-Phosphino Sulfinamide 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
18	Highly Enantioselective Iridium-Catalyzed Hydrogenation of Cyclic Enamides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7988-7992.	13.8	79

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19	Modular Bis(oxazoline) Ligands for Palladium Catalyzed Allylic Alkylation: Unprecedented Conformational Behaviour of a Bis(oxazoline) Palladium 3-1,3-Diphenylallyl Complex. <i>Chemistry - A European Journal</i> , 2002, 8, 4164-4178.	3.3	78
20	Regioselective ring opening of chiral epoxyalcohols by primary amines. <i>Tetrahedron Letters</i> , 1991, 32, 6931-6934.	1.4	77
21	Camphor-Derived, Chelating Auxiliaries for the Highly Diastereoselective Intermolecular Pauson-Khand Reaction: An Experimental and Computational Studies. <i>Journal of Organic Chemistry</i> , 1998, 63, 7037-7052.	3.2	77
22	FK-506 synthetic studies. 3. An efficient asymmetric synthesis of the C(24)-C(34) fragment of FK-506, FR-900520, and FR-900523. <i>Tetrahedron Letters</i> , 1989, 30, 6963-6966.	1.4	76
23	Asymmetric Pauson-Khand Cyclization: A Formal Total Synthesis of Natural Brefeldin A. <i>Journal of Organic Chemistry</i> , 1995, 60, 6670-6671.	3.2	74
24	Ready access to stereodefined β -hydroxy- β -amino acids. Enantioselective synthesis of fully protected cyclohexylstatine. <i>Tetrahedron</i> , 1996, 52, 7063-7086.	1.9	73
25	Toward the understanding of the mechanism and enantioselectivity of the Pauson-Khand reaction. Theoretical and experimental studies. <i>Pure and Applied Chemistry</i> , 2002, 74, 167-174.	1.9	72
26	Totally Stereocontrolled Intermolecular Pauson-Khand Reactions of N-(2-Alkynoyl) Sultams. <i>Journal of the American Chemical Society</i> , 1997, 119, 10225-10226.	13.7	69
27	A New Family of Modular Chiral Ligands for the Catalytic Enantioselective Reduction of Prochiral Ketones. <i>Journal of Organic Chemistry</i> , 1999, 64, 7902-7911.	3.2	69
28	Highly Efficient Synthesis of Enantiomerically Pure (S)-2-Amino-1,2,2-triphenylethanol. Development of a New Family of Ligands for the Highly Enantioselective Catalytic Ethylation of Aldehydes. <i>Journal of Organic Chemistry</i> , 1999, 64, 3969-3974.	3.2	67
29	Highly Enantioselective Addition of Diethylzinc to Diphenylphosphinoyl Imines under Dual Amino Alcohol/Halosilane Mediation. <i>Organic Letters</i> , 2000, 2, 3157-3159.	4.6	63
30	Coordination chemistry and catalysis with secondary phosphine oxides. <i>Catalysis Science and Technology</i> , 2019, 9, 5504-5561.	4.1	62
31	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
32	Modular Amino Alcohol Ligands Containing Bulky Alkyl Groups as Chiral Controllers for Et ₂ Zn Addition to Aldehydes: An Illustration of a Design Principle. <i>Journal of Organic Chemistry</i> , 2003, 68, 3130-3138.	3.2	60
33	PuPHOS: A Synthetically Useful Chiral Bidentate Ligand for the Intermolecular Pauson-Khand Reaction. <i>Journal of Organic Chemistry</i> , 2004, 69, 8053-8061.	3.2	60
34	Computer assisted, mechanism directed design of a new ligand for the highly enantioselective catalytic addition of diethylzinc to aldehydes. <i>Tetrahedron Letters</i> , 1997, 38, 8773-8776.	1.4	59
35	Straightforward entry to the pipercolic acid nucleus. Enantioselective synthesis of baikianin. <i>Tetrahedron Letters</i> , 2002, 43, 779-782.	1.4	59
36	Design of New Hemilabile (P,S) Ligands for the Highly Diastereoselective Coordination to Alkyne Dicobalt Complexes: An Application to the Asymmetric Intermolecular Pauson-Khand Reaction. <i>Organometallics</i> , 2003, 22, 1868-1877.	2.3	59

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37	Diastereoselectivity in the intermolecular Pauson-Khand reaction of chiral 2-alkynoates. <i>Tetrahedron</i> , 1995, 51, 4239-4254.	1.9	57
38	MaxPHOS Ligand: PH/NH Tautomerism and Rhodium-Catalyzed Asymmetric Hydrogenations. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 795-804.	4.3	55
39	Practical asymmetric version of the intermolecular pauson-khand reaction. <i>Tetrahedron Letters</i> , 1994, 35, 575-578.	1.4	54
40	Asymmetric Approach to (+)-Î ² -Cuparenone by Intramolecular Pauson-Khand Reaction. <i>Journal of Organic Chemistry</i> , 1996, 61, 9016-9020.	3.2	54
41	Synthesis of Prostaglandin and Phytoprostane B ₁ Via Regioselective Intermolecular Pauson-Khand Reactions. <i>Organic Letters</i> , 2009, 11, 3104-3107.	4.6	54
42	Phosphine-Substrate Recognition through the C-H...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
43	Enantioselective Construction of Angular Triquinanes through an Asymmetric Intramolecular Pauson-Khand Reaction. Synthesis of (+)-15-Nor-pentalenene. <i>Journal of Organic Chemistry</i> , 1997, 62, 4851-4856.	3.2	52
44	Asymmetric Intermolecular Pauson-Khand Reaction of Symmetrically Substituted Alkynes. <i>Organic Letters</i> , 2009, 11, 4346-4349.	4.6	52
45	Enantioselective Syntheses of Carbanucleosides from the Pauson-Khand Adduct of Trimethylsilylacetylene and Norbornadiene. <i>Organic Letters</i> , 2008, 10, 4509-4512.	4.6	51
46	Acetylene-Dicobaltcarbonyl Complexes with Chiral Phosphinooxazoline Ligands: Synthesis, Structural Characterization, and Application to Enantioselective Intermolecular Pauson-Khand Reactions. <i>Journal of the American Chemical Society</i> , 2000, 122, 7944-7952.	13.7	50
47	Camphor-derived alcohols as chiral auxiliaries for asymmetric Pauson-Khand bicyclizations. Enantioselective synthesis of Î-methoxyenones. <i>Journal of Organometallic Chemistry</i> , 1992, 433, 305-310.	1.8	49
48	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
49	A versatile enantiospecific approach to 3-azetidins and aziridins. <i>Tetrahedron Letters</i> , 1991, 32, 6935-6938.	1.4	47
50	Asymmetric synthesis of bicyclo[4.3.0]nonan-8-ones by intramolecular Pauson-Khand reaction. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 307-310.	1.8	47
51	A Catalytic Asymmetric Synthesis of Cyclohexylnorstatine. <i>Journal of Organic Chemistry</i> , 1996, 61, 6033-6037.	3.2	47
52	<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
53	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
54	New Stereodivergent Approach to 3-Amino-2,3,6-trideoxysugars. Enantioselective Synthesis of Daunosamine, Ristosamine, Acosamine, and Epi-daunosamine. <i>Organic Letters</i> , 2003, 5, 3001-3004.	4.6	46

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55	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
56	A short enantioselective synthesis of N-Boc-Î±-amino acids from epoxy alcohols. <i>Tetrahedron Letters</i> , 1993, 34, 7781-7784.	1.4	45
57	A concise enantioselective synthesis of allylamines and N-boc-Î²-amino acids. <i>Tetrahedron Letters</i> , 1994, 35, 1589-1592.	1.4	45
58	Highly diastereoselective Pauson-Khand reactions of a stable, internally chelated, dicobalt pentacarbonyl complex of a chiral acetylene thioether. <i>Tetrahedron Letters</i> , 1998, 39, 335-338.	1.4	45
59	Asymmetric Pauson-Khand Reactions Using Camphor-Derived Chelating Thiols as Chiral Controllers. <i>Journal of Organic Chemistry</i> , 2001, 66, 6400-6409.	3.2	45
60	Low-Energy Pathway for Pauson-Khand Reactions:Â Synthesis and Reactivity of Dicobalt Hexacarbonyl Complexes of Chiral Ynamines. <i>Journal of Organic Chemistry</i> , 2000, 65, 7291-7302.	3.2	44
61	A convenient, stereodivergent approach to the enantioselective synthesis of N-Boc-aminoalkyl epoxides. <i>Tetrahedron Letters</i> , 1995, 36, 3019-3022.	1.4	43
62	Enantioselective Syntheses of Conformationally Rigid, Highly Lipophilic Mesityl-Substituted Amino Acids. <i>Helvetica Chimica Acta</i> , 2000, 83, 972-988.	1.6	43
63	A Concise Enantioselective Entry to the Synthesis of Deoxy-azasugars. <i>Organic Letters</i> , 2000, 2, 93-95.	4.6	43
64	Enantioselective addition of dimethylzinc to aldehydes: assessment of optimal N,N-substitution for 2-dialkylamino-1,1,2-triphenylethanol ligands. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2085-2090.	1.8	43
65	Stereospecific S_N2@P reactions: novel access to bulky P-stereogenic ligands. <i>Chemical Communications</i> , 2015, 51, 17548-17551.	4.1	43
66	Efficient Synthesis of Polycyclic Î³-Î²-Lactams by Catalytic Carbonylation of Ene-Î²-Imines via Nickelacycle Intermediates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8206-8210.	13.8	43
67	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
68	Asymmetric Intermolecular Cobalt-Catalyzed Pauson-Khand Reaction Using a P-Stereogenic Bis-phosphane. <i>Organic Letters</i> , 2015, 17, 250-253.	4.6	42
69	An enantioselective, stereodivergent approach to anti- and syn-Î±-hydroxy-Î²-amino acids from anti-3-amino-1,2-diols. Synthesis of the ready for coupling taxotereÂ® side chain.. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 243-262.	1.8	41
70	Chiral N-phosphino sulfonamide ligands in rhodium(I)-catalyzed [2+2+2] cycloaddition reactions. <i>Tetrahedron</i> , 2010, 66, 9032-9040.	1.9	41
71	Synthetic Applications of Chiral Unsaturated Epoxy Alcohols Prepared by Sharpless Asymmetric Epoxidation. <i>Molecules</i> , 2010, 15, 1041-1073.	3.8	41
72	Optimal linker length for small molecule PROTACs that selectively target p38Î± and p38Î² for degradation. <i>European Journal of Medicinal Chemistry</i> , 2020, 201, 112451.	5.5	41

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73	Intermolecular Pauson-Khand Reactions of Cyclopropene: A General Synthesis of Cyclopentanones. <i>Organic Letters</i> , 2001, 3, 3193-3196.	4.6	40
74	A new method for the enantioselective synthesis of N-Boc- β , γ -disubstituted β -amino acids. <i>Tetrahedron</i> , 2001, 57, 6367-6374.	1.9	40
75	Fine-Tuning of Modular Amino Alcohol Ligands for the Enantioselective Transfer Hydrogenation of Ketones. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 2337.	2.4	40
76	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
77	P-Stereogenic and Non-P-Stereogenic Ir-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
78	Bis(tert-butylsulfonyl)acetylene: A highly reactive dienophile. <i>Tetrahedron Letters</i> , 1990, 31, 2173-2176.	1.4	39
79	The dual-catalyzed (amino alcohol/Lewis acid) enantioselective addition of diethylzinc to <i>N</i> -diphenylphosphinoyl imines. <i>Tetrahedron Letters</i> , 1999, 40, 777-780.	1.4	39
80	Synthesis of a 9-Fluorenone Derived β -Amino Alcohol Ligand Depicting High Catalytic Activity and Pronounced Non-linear Stereochemical Effects. <i>Synthesis</i> , 2000, 2000, 165-176.	2.3	38
81	Ring-Closing Metathesis of Chiral Allylamines. Enantioselective Synthesis of (2 <i>S</i> ,3 <i>R</i> ,4 <i>S</i>)-3,4-Dihydroxyproline. <i>Journal of Organic Chemistry</i> , 2002, 67, 6896-6901.	3.2	38
82	Tail-Tied Ligands: An Immobilized Analogue of (R)-2-Piperidino-1,1,2-triphenylethanol with Intact High Catalytic Activity and Enantioselectivity. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 1305-1313.	4.3	38
83	PuPHOS and CamPHOS Ligands in the Intermolecular Catalytic Pauson-Khand Reaction. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2121-2128.	4.3	37
84	Enantioselective synthesis of hydroxylated pyrrolidines via Sharpless epoxidation and olefin metathesis. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 149-154.	1.8	37
85	Extending the Substrate Scope in the Hydrogenation of Unfunctionalized Tetrasubstituted Olefins with Ir-P Stereogenic Aminophosphine-Oxazoline Catalysts. <i>Organic Letters</i> , 2019, 21, 807-811.	4.6	37
86	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
87	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
88	A qualitative molecular mechanics approach to the stereoselectivity of intramolecular Pauson-Khand reactions. <i>Tetrahedron</i> , 1995, 51, 6541-6556.	1.9	34
89	A convenient preparation of <i>N</i> -(2-alkynoyl) derivatives of chiral oxazolidin-2-ones and bornane-10,2-sultam. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1685-1691.	1.8	34
90	Enantioselective synthesis of unsaturated amino acids using <i>p</i> -methoxybenzylamine as an ammonia equivalent. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 4639-4651.	1.8	33

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91	New indane derived aminoalcohols as chiral ligands for the catalytic enantioselective addition of diethylzinc to aldehydes. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1559-1568.	1.8	31
92	Synthesis of enantiopure amino alcohols by ring-opening of epoxyalcohols and epoxyethers with ammonia. <i>Tetrahedron Letters</i> , 2003, 44, 8369-8372.	1.4	31
93	Boron trifluoride-induced reactions of phenylglycidyl ethers: a convenient synthesis of enantiopure, stereodefined fluorohydrins. <i>Tetrahedron Letters</i> , 2004, 45, 6337-6341.	1.4	30
94	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
95	A theoretical study of the barbier reaction. <i>Tetrahedron Letters</i> , 1990, 31, 7619-7622.	1.4	29
96	Enantioselective synthesis of fully protected anti 3-amino-2-hydroxy butyrates. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2329-2342.	1.8	29
97	Stereodivergent Syntheses of Conduramines and Aminocyclitols. <i>Organic Letters</i> , 2006, 8, 3069-3072.	4.6	29
98	Chiral auxiliary-induced stereocontrol in intramolecular Pauson-Khand reactions leading to angular triquinanes. <i>Tetrahedron</i> , 1996, 52, 14021-14040.	1.9	28
99	Tandem Aminocarbonylation/Pauson-Khand Reaction of Haloacetylenes. <i>Organic Letters</i> , 1999, 1, 1981-1984.	4.6	28
100	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
101	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
102	Chiral acetylene thioethers: Synthesis and Pauson-Khand reactions. <i>Tetrahedron</i> , 1997, 53, 8651-8664.	1.9	27
103	Addition of Diethylzinc to Dicobalt Hexacarbonyl Complexes of $\hat{1},\hat{2}$ -Acetylenic Aldehydes with Virtually Complete Enantioselectivity. A Formal Synthesis of (+)-Incrustoporin. <i>Organic Letters</i> , 2002, 4, 2381-2383.	4.6	27
104	Sulfinylmethyl Phosphines as Chiral Ligands in the Intermolecular Pauson-Khand Reaction. <i>Organometallics</i> , 2009, 28, 4571-4576.	2.3	27
105	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
106	A Catalytic Asymmetric Synthesis of N-Boc- $\hat{2}$ -Methylphenylalanines. <i>Journal of Organic Chemistry</i> , 1997, 62, 8425-8431.	3.2	26
107	Studies on the Pauson-Khand reaction of alkynyl sulfoxides. Unexpectedly easy racemization of their dicobalt hexacarbonyl complexes. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 457-471.	1.8	26
108	Photochemistry of 3-Substituted Bicyclo[3.1.0]hex-3-en-2-ones. Regioselective Synthesis of Ortho-Substituted Phenols by Pauson-Khand Reaction. <i>Organic Letters</i> , 2001, 3, 3197-3200.	4.6	26

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109	A Purely Synthetic, Diversity Amenable Version of Norephedrine Thiols for the Highly Enantioselective Diethylzinc Addition to Aldehydes. <i>Synlett</i> , 2001, 2001, 1155-1157.	1.8	26
110	Improved preparation of β^2 -hydroxy- β^1 -amino acids: direct formation of sulfates by sulfuryl chloride. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3908-3912.	1.8	26
111	A Straightforward, Highly Stereoselective Synthesis of Protected Isostatine Derivatives. <i>Chemistry - A European Journal</i> , 1996, 2, 1001-1006.	3.3	25
112	The Diels-Alder cycloaddition, an intriguing problem in organic sonochemistry. <i>Ultrasonics Sonochemistry</i> , 1996, 3, 7-13.	8.2	25
113	Enantioselective synthesis of N-Boc-1-naphthylglycine. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1581-1586.	1.8	25
114	Synthesis of N-Boc- β^2 -Aryl Alanines and of N-Boc- β^2 -Methyl- β^2 -aryl Alanines by Regioselective Ring-Opening of Enantiomerically Pure N-Boc-Aziridines. <i>Journal of Organic Chemistry</i> , 1998, 63, 8574-8578.	3.2	25
115	Enantioselective Synthesis of <i>trans</i> -4-Methylpipercolic Acid. <i>Journal of Organic Chemistry</i> , 2007, 72, 7688-7692.	3.2	25
116	Synthesis and Application of β^2 -Substituted Pauson-Khand Adducts: Trifluoromethyl as a Removable Steering Group. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5355-5359.	13.8	25
117	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
118	Iridium-Catalyzed Isomerization of <i>N</i> -Sulfonyl Aziridines to Allyl Amines. <i>Organic Letters</i> , 2018, 20, 5747-5751.	4.6	25
119	New camphor-derived sulfur chiral controllers: Synthesis of (2R-exo)-10-methylthio-2-bornanethiol and (2R-exo)-2,10-bis(methylthio)bornane. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 3553-3558.	1.8	24
120	Ready Access to Bicyclo[5.3.0]decan-1-ones and to Bicyclo[6.3.0]undecan-1-ones by Intramolecular Pauson-Khand Reactions Using a Temporary Sulfur Bridge. <i>Journal of Organic Chemistry</i> , 1998, 63, 3346-3351.	3.2	24
121	Kinetic Studies on the Cobalt-Catalyzed Norbornadiene Intermolecular Pauson-Khand Reaction. <i>Organometallics</i> , 2007, 26, 1134-1142.	2.3	24
122	Regioselectivity in Intermolecular Pauson-Khand Reactions of Dissymmetric Fluorinated Alkynes. <i>Organic Letters</i> , 2010, 12, 5620-5623.	4.6	24
123	Highly Enantioselective Iridium-Catalyzed Hydrogenation of Cyclic Enamides. <i>Angewandte Chemie</i> , 2016, 128, 8120-8124.	2.0	24
124	Small-ring cyclic alkynes: ab initio molecular orbital study of cyclohexyne. <i>Journal of Organic Chemistry</i> , 1987, 52, 4160-4163.	3.2	23
125	A broad scope highly efficient synthesis of bis(R-thio)acetylenes. <i>Tetrahedron Letters</i> , 1990, 31, 2169-2172.	1.4	23
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