Antoni Riera

List of Publications by Year
in descending order

242 papers	10,477 citations	46918 47 h-index	48187 88 g-index
303 all docs	303 docs citations	303 times ranked	10606 citing authors

#	Article	IF	Citations
1	TGFÎ² drives immune evasion in genetically reconstituted colon cancer metastasis. Nature, 2018, 554, 538-543.	13.7	1,296
2	Dependency of Colorectal Cancer on a TGF-Î²-Driven Program in Stromal Cells for Metastasis Initiation. Cancer Cell, 2012, 22, 571-584.	7.7	881
3	Stromal gene expression defines poor-prognosis subtypes in colorectal cancer. Nature Genetics, 2015, 47, 320-329.	9.4	858
4	Recent Advances in the Enantioselective Synthesis of Chiral Amines via Transition Metal-Catalyzed Asymmetric Hydrogenation. Chemical Reviews, 2022, 122, 269-339.	23.0	166
5	Asymmetric approach to Pauson-Khand bicyclization. Enantioselective formal synthesis of hirsutene. Journal of the American Chemical Society, 1990, 112, 9388-9389.	6.6	135
6	2-Piperidino-1,1,2-triphenylethanol:â€‰ A Highly Effective Catalyst for the Enantioselective Arylation of Aldehydes. Journal of Organic Chemistry, 2004, 69, 2532-2543.	1.7	128
7	A Superior, Readily Available Enantiopure Ligand for the Catalytic Enantioselective Addition of Diethylzinc to Î±-Substituted Aldehydes. Journal of Organic Chemistry, 1998, 63, 7078-7082.	1.7	115
8	General Approach to Glycosidase Inhibitors. Enantioselective Synthesis of Deoxymannojirimycin and Swainsonine. Journal of Organic Chemistry, 2005, 70, 2325-2328.	1.7	112
9	EPI-001, A Compound Active against Castration-Resistant Prostate Cancer, Targets Transactivation Unit 5 of the Androgen Receptor. ACS Chemical Biology, 2016, 11, 2499-2505.	1.6	109
10	A Dual-Function, Highly Efficient Chiral Controller for Stereoselective Intermolecular Pauson-Khand Reactions. Journal of the American Chemical Society, 1994, 116, 2153-2154.	6.6	106
11	A New Chiral Bidentate (P,S) Ligand for the Asymmetric Intermolecular Pausonâ^'Khand Reaction. Journal of the American Chemical Society, 2000, 122, 10242-10243.	6.6	103
12	High Catalytic Activity of Chiral Amino Alcohol Ligands Anchored to Polystyrene Resins. Journal of Organic Chemistry, 1998, 63, 6309-6318.	1.7	101
13	Primary and Secondary Aminophosphines as Novel Pâ€Stereogenic Building Blocks for Ligand Synthesis. Angewandte Chemie - International Edition, 2010, 49, 9452-9455.	7.2	95
14	Stereoselective Synthesis of P-Stereogenic Aminophosphines: Ring Opening of Bulky Oxazaphospholidines. Journal of the American Chemical Society, 2011, 133, 5740-5743.	6.6	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. Journal of Organic Chemistry, 1997, 62, 4970-4982.	1.7	89
16	The Nuclear Receptor LXR Limits Bacterial Infection of Host Macrophages through a Mechanism that Impacts Cellular NAD Metabolism. Cell Reports, 2017, 18, 1241-1255.	2.9	85
17	N-Phosphino Sulfinamide Ligands: An Efficient Manner To Combine Sulfur Chirality and Phosphorus Coordination Behavior. Angewandte Chemie - International Edition, 2007, 46, 5020-5023.	7.2	82
18	Highly Enantioselective Iridiumâ€Catalyzed Hydrogenation of Cyclic Enamides. Angewandte Chemie - International Edition, 2016, 55, 7988-7992.	7.2	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. Chemistry - A European Journal, 2002, 8, 4164-4178.	1.7	78
20	Regioselective ring opening of chiral epoxyalcohols by primary amines. Tetrahedron Letters, 1991, 32, 6931-6934.	0.7	77
21	Camphor-Derived, Chelating Auxiliaries for the Highly Diastereoselective Intermolecular Pausonâ˜Khand Reaction:Â Experimental and Computational Studies. Journal of Organic Chemistry, 1998, 63, 7037-7052.	1.7	77
22	FK-506 synthetic studies. 3. An efficient asymmetric synthesis of the C(24)â€“C(34) fragment of FK-506, FR-900520, and FR-900523. Tetrahedron Letters, 1989, 30, 6963-6966.	0.7	76
23	Asymmetric Pauson-Khand Cyclization: A Formal Total Synthesis of Natural Brefeldin A. Journal of Organic Chemistry, 1995, 60, 6670-6671.	1.7	74
24	Ready access to stereodefined Î²-hydroxy-Î³-amino acids. Enantioselective synthesis of fully protected cyclohexylstatine. Tetrahedron, 1996, 52, 7063-7086.	1.0	73
25	Toward the understanding of the mechanism and enantioselectivity of the PausonÂKhand reaction. Theoretical and experimental studies. Pure and Applied Chemistry, 2002, 74, 167-174.	0.9	72
26	Totally Stereocontrolled Intermolecular Pausonâ˜Khand Reactions ofN-(2-Alkynoyl) Sultams. Journal of the American Chemical Society, 1997, 119, 10225-10226.	6.6	69
27	A New Family of Modular Chiral Ligands for the Catalytic Enantioselective Reduction of Prochiral Ketones. Journal of Organic Chemistry, 1999, 64, 7902-7911.	1.7	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 AldehydesÂ§. Journal of Organic Chemistry, 1999, 64, 3969-3974.	1.7	67
29	Highly Enantioselective Addition of Diethylzinc to Diphenylphosphinoyl Imines under Dual Amino Alcohol/Halosilane Mediationâ€. Organic Letters, 2000, 2, 3157-3159.	2.4	63
30	Coordination chemistry and catalysis with secondary phosphine oxides. Catalysis Science and Technology, 2019, 9, 5504-5561.	2.1	62
31	P-Stereogenic Amino-Phosphines as Chiral Ligands: From Privileged Intermediates to Asymmetric Catalysis. Accounts of Chemical Research, 2020, 53, 676-689.	7.6	61
32	Modular Amino Alcohol Ligands Containing Bulky Alkyl Groups as Chiral Controllers for Et2Zn Addition to Aldehydes:Â Illustration of a Design Principle. Journal of Organic Chemistry, 2003, 68, 3130-3138.	1.7	60
33	PuPHOS:Â A Synthetically Useful Chiral Bidentate Ligand for the Intermolecular Pausonâ˜Khand Reaction. Journal of Organic Chemistry, 2004, 69, 8053-8061.	1.7	60
34	Computer assisted, mechanism directed design of a new ligand for the highly enantioselective catalytic addition of diethylzinc to aldehydes. Tetrahedron Letters, 1997, 38, 8773-8776.	0.7	59
35	Straightforward entry to the pipecolic acid nucleus. Enantioselective synthesis of baikiain. Tetrahedron Letters, 2002, 43, 779-782.	0.7	59
36	Design of New Hemilabile (P,S) Ligands for the Highly Diastereoselective Coordination to Alkyne Dicobalt Complexes:Â Application to the Asymmetric Intermolecular Pausonâ˜Khand Reaction. Organometallics, 2003, 22, 1868-1877.	1.1	59

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37	Diastereoselectivity in the intermolecular Pauson-Khand reaction of chiral 2-alkynoates. Tetrahedron, 1995, 51, 4239-4254.	1.0	57
38	MaxPHOS Ligand: PH/NH Tautomerism and Rhodiumâ€•Catalyzed Asymmetric Hydrogenations. Advanced Synthesis and Catalysis, 2014, 356, 795-804.	2.1	55
39	Practical asymmetric version of the intermolecular pauson-khand reaction. Tetrahedron Letters, 1994, 35, 575-578.	0.7	54
40	Asymmetric Approach to (+)-Î²-Cuparenone by Intramolecular Pausonâ^'Khand Reaction. Journal of Organic Chemistry, 1996, 61, 9016-9020.	1.7	54
41	Synthesis of Prostaglandin and Phytoprostane B₁ Via Regioselective Intermolecular Pausonâ^'Khand Reactions. Organic Letters, 2009, 11, 3104-3107.	2.4	54
42	Phosphineâ^'Substrate Recognition through the Câ^'HÂ·Â·Â·O Hydrogen Bond:Â Application to the Asymmetric Pausonâ^'Khand Reaction. Journal of the American Chemical Society, 2005, 127, 13629-13633.	6.6	53
43	Enantioselective Construction of Angular Triquinanes through an Asymmetric Intramolecular Pausonâ^'Khand Reaction. Synthesis of (+)-15-Nor-pentalenene. Journal of Organic Chemistry, 1997, 62, 4851-4856.	1.7	52
44	Asymmetric Intermolecular Pausonâ^'Khand Reaction of Symmetrically Substituted Alkynes. Organic Letters, 2009, 11, 4346-4349.	2.4	52
45	Enantioselective Syntheses of Carbanucleosides from the Pauson-Khand Adduct of Trimethylsilylacetylene and Norbornadiene. Organic Letters, 2008, 10, 4509-4512.	2.4	51
46	Acetyleneâ^'Dicobaltcarbonyl Complexes with Chiral Phosphinooxazoline Ligands:Â Synthesis, Structural Characterization, and Application to Enantioselective Intermolecular Pausonâ^'Khand Reactions. Journal of the American Chemical Society, 2000, 122, 7944-7952.	6.6	50
47	Camphor-derived alcohols as chiral auxiliaries for asymmetric Pauson-Khand bicyclizations. Enantioselective synthesis of Î±-methoxyenones. Journal of Organometallic Chemistry, 1992, 433, 305-310.	0.8	49
48	Stereodivergent S_N2@P Reactions of Borane Oxazaphospholidines: Experimental and Theoretical Studies. Journal of the American Chemical Society, 2013, 135, 4483-4491.	6.6	48
49	A versatile enantiospecific approach to 3-azetidinols and aziridines. Tetrahedron Letters, 1991, 32, 6935-6938.	0.7	47
50	Asymmetric synthesis of bicyclo[4.3.0]nonan-8-ones by intramolecular Pauson-Khand reaction. Tetrahedron: Asymmetry, 1994, 5, 307-310.	1.8	47
51	A Catalytic Asymmetric Synthesis of Cyclohexylnorstatine. Journal of Organic Chemistry, 1996, 61, 6033-6037.	1.7	47
52	N-Phosphino-p-tolylsulfinamide Ligands: Synthesis, Stability, and Application to the Intermolecular Pausonâ^'Khand Reaction. Journal of Organic Chemistry, 2008, 73, 7080-7087.	1.7	47
53	Direct Asymmetric Hydrogenation of N-Methyl and N-Alkyl Imines with an Ir(III)H Catalyst. Journal of the American Chemical Society, 2018, 140, 16967-16970.	6.6	47
54	New Stereodivergent Approach to 3-Amino-2,3,6-trideoxysugars. Enantioselective Synthesis of Daunosamine, Ristosamine, Acosamine, and Epi-daunosamine. Organic Letters, 2003, 5, 3001-3004.	2.4	46

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55	Pâ€Stereogenic Secondary Iminophosphorane Ligands and Their Rhodium(I) Complexes: Taking Advantage of NH/PH Tautomerism. Angewandte Chemie - International Edition, 2012, 51, 6951-6955.	7.2	46
56	A short enantioselective synthesis of N-Boc-Î±-amino acids from epoxy alcohols. Tetrahedron Letters, 1993, 34, 7781-7784.	0.7	45
57	A concise enantioselective synthesis of allylamines and N-boc-Î²-amino acids. Tetrahedron Letters, 1994, 35, 1589-1592.	0.7	45
58	Highly diastereoselective Pauson-Khand reactions of a stable, internally chelated, dicobalt pentacarbonyl complex of a chiral acetylene thioether. Tetrahedron Letters, 1998, 39, 335-338.	0.7	45
59	Asymmetric Pausonâ^'Khand Reactions Using Camphor-Derived Chelating Thiols as Chiral Controllers. Journal of Organic Chemistry, 2001, 66, 6400-6409.	1.7	45
60	Low-Energy Pathway for Pausonâ^'Khand Reactions:Â Synthesis and Reactivity of Dicobalt Hexacarbonyl Complexes of Chiral Ynamines. Journal of Organic Chemistry, 2000, 65, 7291-7302.	1.7	44
61	A convenient, stereodivergent approach to the enantioselective synthesis of N-Boc-aminoalkyl epoxides. Tetrahedron Letters, 1995, 36, 3019-3022.	0.7	43
62	Enantioselective Syntheses of Conformationally Rigid, Highly Lipophilic Mesityl-Substituted Amino Acids. Helvetica Chimica Acta, 2000, 83, 972-988.	1.0	43
63	A Concise Enantioselective Entry to the Synthesis of Deoxy-azasugars. Organic Letters, 2000, 2, 93-95.	2.4	43
64	Enantioselective addition of dimethylzinc to aldehydes: assessment of optimal N,N-substitution for 2-dialkylamino-1,1,2-triphenylethanol ligands. Tetrahedron: Asymmetry, 2004, 15, 2085-2090.	1.8	43
65	Stereospecific S_N2@P reactions: novel access to bulky P-stereogenic ligands. Chemical Communications, 2015, 51, 17548-17551.	2.2	43
66	Efficient Synthesis of Polycyclic Î³â€Lactams by Catalytic Carbonylation of Eneâ€Imines via Nickelacycle Intermediates. Angewandte Chemie - International Edition, 2017, 56, 8206-8210.	7.2	43
67	Total Synthesis and Biological Activity of 13,14-Dehydro-12-Oxo-Phytodienoic Acids (Deoxy-J1-Phytoprostanes). ChemBioChem, 2005, 6, 276-280.	1.3	42
68	Asymmetric Intermolecular Cobalt-Catalyzed Pausonâ€"Khand Reaction Using a P-Stereogenic Bis-phosphane. Organic Letters, 2015, 17, 250-253.	2.4	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.. Tetrahedron: Asymmetry, 1996, 7, 243-262.	1.8	41
70	Chiral N-phosphino sulfinamide ligands in rhodium(I)-catalyzed [2+2+2] cycloaddition reactions. Tetrahedron, 2010, 66, 9032-9040.	1.0	41
71	Synthetic Applications of Chiral Unsaturated Epoxy Alcohols Prepared by Sharpless Asymmetric Epoxidation. Molecules, 2010, 15, 1041-1073.	1.7	41
72	Optimal linker length for small molecule PROTACs that selectively target p38Î± and p38Î² for degradation. European Journal of Medicinal Chemistry, 2020, 201, 112451.	2.6	41

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73	Intermolecular Pausonâ"Khand Reactions of Cyclopropene:â€‰ A General Synthesis of Cyclopentanones. Organic Letters, 2001, 3, 3193-3196.	2.4	40
74	A new method for the enantioselective synthesis of N-Boc-Î±,Î±-disubstituted Î±-amino acids. Tetrahedron, 2001, 57, 6367-6374.	1.0	40
75	Fine-Tuning of Modular Amino Alcohol Ligands for the Enantioselective Transfer Hydrogenation of Ketones. European Journal of Organic Chemistry, 2002, 2002, 2337.	1.2	40
76	The conjugate additionâ€"Peterson olefination reaction for the preparation of cross-conjugated cyclopentenone, PPAR-Î³ ligands. Organic and Biomolecular Chemistry, 2008, 6, 4649.	1.5	40
77	P-Stereogenic and Non-P-Stereogenic Irâ€"MaxPHOX in the Asymmetric Hydrogenation of N-Aryl Imines. Isolation and X-ray Analysis of Imine Iridacycles. Journal of Organic Chemistry, 2018, 83, 4618-4627.	1.7	40
78	Bis(tert-butylsulfonyl)acetylene: A highly reactive dienophile. Tetrahedron Letters, 1990, 31, 2173-2176.	0.7	39
79	The dual-catalyzed (amino alcoho/Lewis acid) enantioselective addition of diethylzinc to N-diphenylphosphinoyl imines. Tetrahedron Letters, 1999, 40, 777-780.	0.7	39
80	Synthesis of a 9-Fluorenone Derived Î²-Amino Alcohol Ligand Depicting High Catalytic Activity and Pronounced Non-linear Stereochemical Effects. Synthesis, 2000, 2000, 165-176.	1.2	38
81	Ring-Closing Metathesis of Chiral Allylamines. Enantioselective Synthesis of (2S,3R,4S)-3,4-Dihydroxyproline. Journal of Organic Chemistry, 2002, 67, 6896-6901.	1.7	38
82	Tail-Tied Ligands: An Immobilized Analogue of (R)-2-Piperidino-1,1,2-triphenylethanol with Intact High Catalytic Activity and Enantioselectivity. Advanced Synthesis and Catalysis, 2003, 345, 1305-1313.	2.1	38
83	PuPHOS and CamPHOS Ligands in the Intermolecular Catalytic Pausonâ€"Khand Reaction. Advanced Synthesis and Catalysis, 2007, 349, 2121-2128.	2.1	37
84	Enantioselective synthesis of hydroxylated pyrrolidines via Sharpless epoxidation and olefin metathesis. Tetrahedron: Asymmetry, 2007, 18, 149-154.	1.8	37
85	Extending the Substrate Scope in the Hydrogenation of Unfunctionalized Tetrasubstituted Olefins with Ir-P Stereogenic Aminophosphineâ€"Oxazoline Catalysts. Organic Letters, 2019, 21, 807-811.	2.4	37
86	Polystyrene-Supported (R)-2-Piperazino-1,1,2-triphenylethanol:Â A Readily Available Supported Ligand with Unparalleled Catalytic Activity and Enantioselectivity. Journal of Organic Chemistry, 2005, 70, 433-438.	1.7	36
87	Asymmetric Allylation/Pausonâ€"Khand Reaction: A Simple Entry to Polycyclic Amines. Application to the Synthesis of Aminosteroid Analogues. Organic Letters, 2014, 16, 1224-1227.	2.4	35
88	A qualitative molecular mechanics approach to the stereoselectivity of intramolecular Pauson-Khand reactions. Tetrahedron, 1995, 51, 6541-6556.	1.0	34
89	A convenient preparation of N-(2-alkynoyl) derivatives of chiral oxazolidin-2-ones and bornane-10,2-sultam. Tetrahedron: Asymmetry, 1997, 8, 1685-1691.	1.8	34
90	Enantioselective synthesis of unsaturated amino acids using p-methoxybenzylamine as an ammonia equivalent. Tetrahedron: Asymmetry, 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. Tetrahedron: Asymmetry, 1997, 8, 1559-1568.	1.8	31
92	Synthesis of enantiopure amino alcohols by ring-opening of epoxyalcohols and epoxyethers with ammonia. Tetrahedron Letters, 2003, 44, 8369-8372.	0.7	31
93	Boron trifluoride-induced reactions of phenylglycidyl ethers: a convenient synthesis of enantiopure, stereodefined fluorohydrins. Tetrahedron Letters, 2004, 45, 6337-6341.	0.7	30
94	Gas-phase collision induced dissociation mechanisms of peptides: Theoretical and experimental study of N-formylalanylamide fragmentation. International Journal of Mass Spectrometry, 2013, 335, 33-44.	0.7	30
95	A theoretical study of the barbier reaction. Tetrahedron Letters, 1990, 31, 7619-7622.	0.7	29
96	Enantioselective synthesis of fully protected anti 3-amino-2-hydroxy butyrates. Tetrahedron: Asymmetry, 1995, 6, 2329-2342.	1.8	29
97	Stereodivergent Syntheses of Conduramines and Aminocyclitols. Organic Letters, 2006, 8, 3069-3072.	2.4	29
98	Chiral auxiliary-induced stereocontrol in intramolecular Pauson-Khand reactions leading to angular triquinanes. Tetrahedron, 1996, 52, 14021-14040.	1.0	28
99	Tandem Aminocarbonylation/Pauson-Khand Reaction of Haloacetylenes. Organic Letters, 1999, 1, 1981-1984.	2.4	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. Journal of Organic Chemistry, 2006, 71, 1537-1544.	1.7	28
101	Asymmetric Synthesis of cisâ€4â€•and transâ€3â€Hydroxypipecolic Acids. European Journal of Organic Chemistry, 2008, 2008, 1789-1796.	1.2	28
102	Chiral acetylene thioethers: Synthesis and Pauson-Khand reactions. Tetrahedron, 1997, 53, 8651-8664.	1.0	27
103	Addition of Diethylzinc to Dicobalt Hexacarbonyl Complexes of Î±,Î²-Acetylenic Aldehydes with Virtually Complete Enantioselectivity. A Formal Synthesis of (+)-Incrustoporin. Organic Letters, 2002, 4, 2381-2383.	2.4	27
104	Sulfinylmethyl Phosphines as Chiral Ligands in the Intermolecular Pausonâ˜Khand Reaction. Organometallics, 2009, 28, 4571-4576.	1.1	27
105	Synthesis and Application of 3-Bromo-1,2,4,5-Tetrazine for Protein Labeling to Trigger Click-to-Release Biorthogonal Reactions. Bioconjugate Chemistry, 2020, 31, 933-938.	1.8	27
106	A Catalytic Asymmetric Synthesis ofN-Boc-Î²-Methylphenylalanines. Journal of Organic Chemistry, 1997, 62, 8425-8431.	1.7	26
107	Studies on the Pausonâ€“Khand reaction of alkynyl sulfoxides. Unexpectedly easy racemization of their dicobalt hexacarbonyl complexes. Tetrahedron: Asymmetry, 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 Pausonâ˜Khand Reaction. Organic Letters, 2001, 3, 3197-3200.	2.4	26

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109	A Purely Synthetic, Diversity Amenable Version of Norephedrine Thiols for the Highly Enantioselective Diethylzinc Addition to Aldehydes. Synlett, 2001, 2001, 1155-1157.	1.0	26
110	Improved preparation of Î²-hydroxy-Î±-amino acids: direct formation of sulfates by sulfuryl chloride. Tetrahedron: Asymmetry, 2005, 16, 3908-3912.	1.8	26
111	A Straightforward, Highly Stereoselective Synthesis of Protected Isostatine Derivatives. Chemistry - A European Journal, 1996, 2, 1001-1006.	1.7	25
112	The Diels-Alder cycloaddition, an intriguing problem in organic sonochemistry. Ultrasonics Sonochemistry, 1996, 3, 7-13.	3.8	25
113	Enantioselective synthesis of N-Boc-1-naphthylglycine. Tetrahedron: Asymmetry, 1997, 8, 1581-1586.	1.8	25
114	Synthesis ofN-Boc-Î²-Aryl Alanines and ofN-Boc-Î²-Methyl-Î²-aryl Alanines by Regioselective Ring-Opening of Enantiomerically PureN-Boc-Aziridines. Journal of Organic Chemistry, 1998, 63, 8574-8578.	1.7	25
115	Enantioselective Synthesis of trans-4-Methylpipecolic Acid. Journal of Organic Chemistry, 2007, 72, 7688-7692.	1.7	25
116	Synthesis and Application of Î²â€Substituted Pausonâ€“Khand Adducts: Trifluoromethyl as a Removable Steering Group. Angewandte Chemie - International Edition, 2013, 52, 5355-5359.	7.2	25
117	Rhodium-Catalyzed Pausonâ€“Khand Reaction Using a Small-Bite-Angle P-Stereogenic C1-Diphosphine Ligand. Organometallics, 2015, 34, 4989-4993.	1.1	25
118	Iridium-Catalyzed Isomerization of N-Sulfonyl Aziridines to Allyl Amines. Organic Letters, 2018, 20, 5747-5751.	2.4	25
119	New camphor-derived sulfur chiral controllers: Synthesis of (2R-exo)-10-methylthio-2-bornanethiol and (2R-exo)-2,10-bis(methylthio)bornane. Tetrahedron: Asymmetry, 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 Pausonâ˜Khand Reactions Using a Temporary Sulfur Bridge. Journal of Organic Chemistry, 1998, 63, 3346-3351.	1.7	24
121	Kinetic Studies on the Cobalt-Catalyzed Norbornadiene Intermolecular Pausonâ˜Khand Reaction. Organometallics, 2007, 26, 1134-1142.	1.1	24
122	Regioselectivity in Intermolecular Pauson-Khand Reactions of Dissymmetric Fluorinated Alkynes. Organic Letters, 2010, 12, 5620-5623.	2.4	24
123	Highly Enantioselective Iridiumâ€Catalyzed Hydrogenation of Cyclic Enamides. Angewandte Chemie, 2016, 128, 8120-8124.	1.6	24
124	Small-ring cyclic alkynes: ab initio molecular orbital study of cyclohexyne. Journal of Organic Chemistry, 1987, 52, 4160-4163.	1.7	23
125	A broad scope highly efficient synthesis of bis(R-thio)acetylenes. Tetrahedron Letters, 1990, 31, 2169-2172.	0.7	23
126	Divergent stereoselective synthesis of (E) and (Z) O-Alkyl enol ethers. Tetrahedron Letters, 1992, 33, 2863-2866.	0.7	23

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127	A tetradecapeptide somatostatin dicarba-analog: Synthesis, structural impact and biological activity. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 103-107.	1.0	23
128	Efficient stereoselective synthesis of 2-acetamido-1,2-dideoxyallonojirimycin (DAJNAc) and sp2-iminosugar conjugates: Novel hexosaminidase inhibitors with discrimination capabilities between the mature and precursor forms of the enzyme. European Journal of Medicinal Chemistry, 2016, 121, 926-938.	2.6	23
129	Stereoselective Inter- and Intramolecular Pausonâ€“Khand Reactions ofN-(2-Alkynoyl) Derivatives of Chiral Oxazolidin-2-ones. European Journal of Organic Chemistry, 1999, 1999, 3459-3478.	1.2	22
130	Phosphine-Dependent Stereoselectivity in the Mitsunobu Cyclodehydration of 1,2-Diols:â€‰ Stereodivergent Approach to Triaryl-Substituted Epoxides. Organic Letters, 2007, 9, 635-638.	2.4	22
131	Tetramethylnorbornadiene, a Versatile Alkene for Cyclopentenone Synthesis through Intermolecular Pausonâ€“Khand Reactions. Organic Letters, 2012, 14, 3534-3537.	2.4	22
132	A General, Catalytic, and Enantioselective Synthesis of (S)-Î³-[(S)-1-Aminoalkyl]-Î³-lactonesâ€. Journal of Organic Chemistry, 1998, 63, 3560-3567.	1.7	21
133	The first alkyne-dicobaltcarbonyl complex with a bidentate chiral ligand with Coâ€“P and Coâ€“N coordination. Journal of Organometallic Chemistry, 1999, 585, 53-58.	0.8	21
134	A totally stereocontrolled route to N-methyl-Î³-amino-Î²-hydroxy acids: Asymmetric synthesis of the amino acid component of hapalosin. Tetrahedron Letters, 1999, 40, 9309-9312.	0.7	21
135	Regioselectivity of Intermolecular Pausonâ€“Khand Reaction of Aliphatic Alkynes: Experimental and Theoretical Study of the Effect of Alkyne Polarization. Journal of Organic Chemistry, 2014, 79, 10999-11010.	1.7	21
136	Highly Enantioselective Iridium-Catalyzed Hydrogenation of 2-Aryl Allyl Phthalimides. Organic Letters, 2019, 21, 9709-9713.	2.4	21
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