Miquel A PericÃ s

List of Publications by Year
in descending order

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		22153	48315
333	13,448	59	88
papers	citations	h-index	g-index

481	481	481	8471
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polystyrene-Supported Hydroxyproline:â€‰ An Insoluble, Recyclable Organocatalyst for the Asymmetric Aldol Reaction in Water. Organic Letters, 2006, 8, 4653-4655.	4.6	326
2	A theoretical study on the mechanism of the thermal and the acid-catalyzed decarboxylation of 2-oxetanones (.beta.-lactones). Journal of Organic Chemistry, 1989, 54, 573-582.	3.2	309
3	Recent Advances in Enantioselective Pd-Catalyzed Allylic Substitution: From Design to Applications. Chemical Reviews, 2021, 121, 4373-4505.	47.7	302
4	A Highly Active Catalyst for Huisgen 1,3-Dipolar Cycloadditions Based on the Tris(triazolyl)methanolâ”Cu(I) Structure. Organic Letters, 2009, 11, 4680-4683.	4.6	218
5	Toward an Artificial Aldolase. Organic Letters, 2008, 10, 337-340.	4.6	199
6	Highly Enantioselective Michael Additions in Water Catalyzed by a PS-Supported Pyrrolidine. Organic Letters, 2007, 9, 3717-3720.	4.6	193
7	Functionalized nanoparticles as catalysts for enantioselective processes. Organic and Biomolecular Chemistry, 2009, 7, 2669.	2.8	139
8	Asymmetric approach to Pauson-Khand bicyclization. Enantioselective formal synthesis of hirsutene. Journal of the American Chemical Society, 1990, 112, 9388-9389.	13.7	135
9	A Solidâ€Supported Organocatalyst for Highly Stereoselective, Batch, and Continuousâ€Flow Mannich Reactions. Chemistry - A European Journal, 2009, 15, 10167-10172.	3.3	131
10	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.	3.2	128
11	Lightâ€Driven Organocatalysis Using Inexpensive, Nontoxic Bi₂O₃ as the Photocatalyst. Angewandte Chemie - International Edition, 2014, 53, 9613-9616.	13.8	126
12	Functionalization of Fe3O4 magnetic nanoparticles for organocatalytic Michael reactions. Journal of Materials Chemistry, 2011, 21, 7350.	6.7	125
13	Highly Enantioselective Î±-Aminoxylation of Aldehydes and Ketones with a Polymer-Supported Organocatalyst. Organic Letters, 2007, 9, 1943-1946.	4.6	118
14	Conversion of oxiranes and CO2 to organic cyclic carbonates using a recyclable, bifunctional polystyrene-supported organocatalyst. Green Chemistry, 2014, 16, 1552.	9.0	118
15	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.	3.2	115
16	Characterization of a (2R,3R)-2,3-Butanediol Dehydrogenase as theSaccharomyces cerevisiae YAL060W Gene Product. Journal of Biological Chemistry, 2000, 275, 35876-35885.	3.4	114
17	General Approach to Glycosidase Inhibitors. Enantioselective Synthesis of Deoxymannojirimycin and Swainsonine. Journal of Organic Chemistry, 2005, 70, 2325-2328.	3.2	112
18	A Highly Selective, Polymerâ€Supported Organocatalyst for Michael Additions with Enzymeâ€Like Behavior. Advanced Synthesis and Catalysis, 2009, 351, 3051-3056.	4.3	109

#	Article	IF	Citations
19	A Dual-Function, Highly Efficient Chiral Controller for Stereoselective Intermolecular Pauson-Khand Reactions. Journal of the American Chemical Society, 1994, 116, 2153-2154.	13.7	106
20	A Click Strategy for the Immobilization of MacMillan Organocatalysts onto Polymers and Magnetic Nanoparticles. Organic Letters, 2012, 14, 3668-3671.	4.6	106
21	Organocatalysis on Tap: Enantioselective Continuous Flow Processes Mediated by Solidâ€Supported Chiral Organocatalysts. European Journal of Organic Chemistry, 2015, 2015, 1173-1188.	2.4	105
22	A Solidâ€Supported Organocatalyst for Continuousâ€Flow Enantioselective Aldol Reactions. ChemSusChem, 2012, 5, 320-325.	6.8	104
23	A New Chiral Bidentate (P,S) Ligand for the Asymmetric Intermolecular Pausonâ^Khand Reaction. Journal of the American Chemical Society, 2000, 122, 10242-10243.	13.7	103
24	High Catalytic Activity of Chiral Amino Alcohol Ligands Anchored to Polystyrene Resins. Journal of Organic Chemistry, 1998, 63, 6309-6318.	3.2	101
25	Assessing the Suitability of 1,2,3-Triazole Linkers for Covalent Immobilization of Chiral Ligands:Â Application to Enantioselective Phenylation of Aldehydes. Journal of Organic Chemistry, 2007, 72, 2460-2468.	3.2	100
26	Highly Functionalized Biaryls via Suzukiâ€“Miyaura Crossâ€Coupling Catalyzed by Pd@MOF under Batch and Continuous Flow Regimes. ChemSusChem, 2015, 8, 123-130.	6.8	94
27	A Recyclable, Immobilized Analogue of Benzotetramisole for Catalytic Enantioselective Domino Michael Addition/Cyclization Reactions in Batch and Flow. ACS Catalysis, 2016, 6, 348-356.	11.2	93
28	Continuous Flow, Highly Enantioselective Michael Additions Catalyzed by a PS-Supported Squaramide. Organic Letters, 2013, 15, 3498-3501.	4.6	91
29	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.	3.2	89
30	Asymmetric [4 + 2] Annulation Reactions Catalyzed by a Robust, Immobilized Isothiourea. ACS Catalysis, 2017, 7, 2780-2785.	11.2	87
31	Enantioselective Continuousâ€Flow Production of 3â€Indolylmethanamines Mediated by an Immobilized Phosphoric Acid Catalyst. Chemistry - A European Journal, 2014, 20, 2367-2372.	3.3	85
32	Polystyreneâ€Supported Diarylprolinol Ethers as Highly Efficient Organocatalysts for Michaelâ€Type Reactions. Chemistry - A European Journal, 2011, 17, 11585-11595.	3.3	84
33	Practical Implications of Boronâ€toâ€Zinc Transmetalation for the Catalytic Asymmetric Arylation of Aldehydes. Angewandte Chemie - International Edition, 2008, 47, 1098-1101.	13.8	82
34	A Polystyreneâ€Supported, Highly Recyclable Squaramide Organocatalyst for the Enantioselective Michael Addition of 1,3â€Dicarbonyl Compounds to Î²â€Nitrostyrenes. Advanced Synthesis and Catalysis, 2012, 354, 2905-2910.	4.3	80
35	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.	3.3	78
36	Photoswitchable Thioureas for the External Manipulation of Catalytic Activity. Organic Letters, 2014, 16, 1704-1707.	4.6	78

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37	Regioselective ring opening of chiral epoxyalcohols by primary amines. Tetrahedron Letters, 1991, 32, 6931-6934.	1.4	77
38	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.	3.2	77
39	Polystyrene-Supported TRIP: A Highly Recyclable Catalyst for Batch and Flow Enantioselective Allylation of Aldehydes. ACS Catalysis, 2016, 6, 7647-7651.	11.2	77
40	Towards Continuous Flow, Highly Enantioselective Allylic Amination: Ligand Design, Optimization and Supporting. Advanced Synthesis and Catalysis, 2009, 351, 1539-1556.	4.3	75
41	Covalently immobilized tris(triazolyl)methanolâ€"Cu(<scp>i</scp>) complexes: highly active and recyclable catalysts for CuAAC reactions. Catalysis Science and Technology, 2012, 2, 195-200.	4.1	75
42	Asymmetric Pauson-Khand Cyclization: A Formal Total Synthesis of Natural Brefeldin A. Journal of Organic Chemistry, 1995, 60, 6670-6671.	3.2	74
43	Asymmetric Î±â€Amination of Aldehydes Catalyzed by PSâ€Diphenylprolinol Silyl Ethers: Remediation of Catalyst Deactivation for Continuous Flow Operation. Advanced Synthesis and Catalysis, 2012, 354, 2971-2976.	4.3	74
44	1,4-Dialkoxy-1,3-butadiynes. Journal of the American Chemical Society, 1990, 112, 7405-7406.	13.7	73
45	Ready access to stereodefined Î²-hydroxy-Î³-amino acids. Enantioselective synthesis of fully protected cyclohexylstatine. Tetrahedron, 1996, 52, 7063-7086.	1.9	73
46	Toward the understanding of the mechanism and enantioselectivity of the PausonÂKhand reaction. Theoretical and experimental studies. Pure and Applied Chemistry, 2002, 74, 167-174.	1.9	72
47	Asymmetric Visible-Light Photoredox Cross-Dehydrogenative Coupling of Aldehydes with Xanthenes. ACS Catalysis, 2017, 7, 7008-7013.	11.2	72
48	A Quantum Mechanics/Molecular Mechanics Study of the Highly Enantioselective Addition of Diethylzinc to Benzaldehyde Promoted by (R)-2-Piperidino-1,1,2-triphenylethanol. Journal of Organic Chemistry, 2000, 65, 7303-7309.	3.2	70
49	Polystyrene-supported bifunctional resorcinarenes as cheap, metal-free and recyclable catalysts for epoxide/CO₂ coupling reactions. Green Chemistry, 2017, 19, 5488-5493.	9.0	70
50	Totally Stereocontrolled Intermolecular Pausonâ˜'Khand Reactions ofN-(2-Alkynoyl) Sultams. Journal of the American Chemical Society, 1997, 119, 10225-10226.	13.7	69
51	A New Family of Modular Chiral Ligands for the Catalytic Enantioselective Reduction of Prochiral Ketones. Journal of Organic Chemistry, 1999, 64, 7902-7911.	3.2	69
52	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.	3.2	67
53	Double-Supported Silica-Metalâ€"Organic Framework Palladium Nanocatalyst for the Aerobic Oxidation of Alcohols under Batch and Continuous Flow Regimes. ACS Catalysis, 2015, 5, 472-479.	11.2	67
54	H-Bond-Directing Organocatalyst for Enantioselective [4 + 2] Cycloadditions via Dienamine Catalysis. Organic Letters, 2016, 18, 556-559.	4.6	66

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55	Catalytic Asymmetric [8+2] Annulation Reactions Promoted by a Recyclable Immobilized Isothiourea. Angewandte Chemie - International Edition, 2017, 56, 15068-15072.	13.8	66
56	Improved oxidation procedure with aromatic peroxyacids. Tetrahedron Letters, 1981, 22, 3895-3896.	1.4	64
57	A theoretical study on ketene-olefin cycloadditions. 1. Intermolecular reactions. Journal of Organic Chemistry, 1990, 55, 3582-3593.	3.2	64
58	Structurally Simple, Modular Amino Alcohols for the Recognition of Carboxylic Acids. Application to the Development of a New Chiral Solvating Agent. Organic Letters, 2005, 7, 5485-5487.	4.6	64
59	Metal-Mediated Cyclization of Aryl and Benzyl Glycidyl Ethers: A Complete Scenario. Journal of the American Chemical Society, 2008, 130, 16838-16839.	13.7	64
60	Highly Enantioselective Addition of Diethylzinc to Diphenylphosphinoyl Imines under Dual Amino Alcohol/Halosilane Mediationâ€. Organic Letters, 2000, 2, 3157-3159.	4.6	63
61	Asymmetric anti-Mannich reactions in continuous flow. Green Chemistry, 2013, 15, 3295.	9.0	62
62	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.	3.2	60
63	PuPHOS:Â A Synthetically Useful Chiral Bidentate Ligand for the Intermolecular Pausonâ^Khand Reaction. Journal of Organic Chemistry, 2004, 69, 8053-8061.	3.2	60
64	Fast and Enantioselective Production of 1â€Arylâ€1â€propanols through a Single Pass, Continuous Flow Process. Advanced Synthesis and Catalysis, 2008, 350, 927-932.	4.3	60
65	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.	1.4	59
66	Straightforward entry to the pipecolic acid nucleus. Enantioselective synthesis of baikiain. Tetrahedron Letters, 2002, 43, 779-782.	1.4	59
67	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.	2.3	59
68	(S)-2-[(R)-Fluoro(phenyl)methyl]oxirane:â€‰ A General Reagent for Determining the ee of Î±-Chiral Amines. Organic Letters, 2005, 7, 3829-3832.	4.6	59
69	A Highly Active Polymer-Supported Catalyst for Asymmetric Robinson Annulations in Continuous Flow. ACS Catalysis, 2017, 7, 1383-1391.	11.2	59
70	Synthesis of functional cobalt nanoparticles for catalytic applications. Use in asymmetric transfer hydrogenation of ketones. Journal of Materials Chemistry, 2008, 18, 4692.	6.7	58
71	Diastereoselectivity in the intermolecular Pauson-Khand reaction of chiral 2-alkynoates. Tetrahedron, 1995, 51, 4239-4254.	1.9	57
72	Translating the Enantioselective Michael Reaction to a Continuous Flow Paradigm with an Immobilized, Fluorinated Organocatalyst. ACS Catalysis, 2015, 5, 6241-6248.	11.2	56

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73	Multigram-scale flow synthesis of the chiral key intermediate of (â˜)-paroxetine enabled by solvent-free heterogeneous organocatalysis. Chemical Science, 2019, 10, 11141-11146.	7.4	56
74	Shedding light on the nature of the catalytically active species in photocatalytic reactions using Bi2O3 semiconductor. Nature Communications, 2021, 12, 625.	12.8	56
75	Organocatalytic Enantioselective Continuous-Flow Cyclopropanation. Organic Letters, 2016, 18, 6292-6295.	4.6	55
76	Practical asymmetric version of the intermolecular pauson-khand reaction. Tetrahedron Letters, 1994, 35, 575-578.	1.4	54
77	Asymmetric Approach to (+)-Î²-Cuparenone by Intramolecular Pausonâ˜Khand Reaction. Journal of Organic Chemistry, 1996, 61, 9016-9020.	3.2	54
78	A multipurpose gold(i) precatalyst. Chemical Communications, 2011, 47, 4893.	4.1	54
79	A polystyrene-supported 9-amino(9-deoxy)epi quinine derivative for continuous flow asymmetric Michael reactions. Organic and Biomolecular Chemistry, 2015, 13, 4204-4209.	2.8	54
80	Catalytic Enantioselective Flow Processes with Solidâ€Supported Chiral Catalysts. Chemical Record, 2019, 19, 1872-1890.	5.8	53
81	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.	3.2	52
82	Modular Synthesis of Triazoleâ€Based Chiral Iodoarenes for Enantioselective Spirocyclizations. Advanced Synthesis and Catalysis, 2017, 359, 2931-2941.	4.3	52
83	Continuous-flow enantioselective Î±-aminoxylation of aldehydes catalyzed by a polystyrene-immobilized hydroxyproline. Beilstein Journal of Organic Chemistry, 2011, 7, 1486-1493.	2.2	51
84	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.	13.7	50
85	Polystyrene-Supported (2S)-(â˜)-3-exo-Piperazinoisoborneol: An Efficient Catalyst for the Batch and Continuous Flow Production of Enantiopure Alcohols. Organic Letters, 2012, 14, 1816-1819.	4.6	50
86	Continuous Flow Enantioselective Three-Component anti-Mannich Reactions Catalyzed by a Polymer-Supported Threonine Derivative. ACS Catalysis, 2014, 4, 3027-3033.	11.2	50
87	Visible Lightâ€Driven Atom Transfer Radical Addition to Olefins using Bi₂O₃ as Photocatalyst. ChemSusChem, 2015, 8, 1841-1844.	6.8	50
88	Optical control of endogenous receptors and cellular excitability using targeted covalent photoswitches. Nature Communications, 2016, 7, 12221.	12.8	50
89	Camphor-derived alcohols as chiral auxiliaries for asymmetric Pauson-Khand bicyclizations. Enantioselective synthesis of Î±-methoxyenones. Journal of Organometallic Chemistry, 1992, 433, 305-310.	1.8	49
90	Highly Modular Pâ€Oâ€P Ligands for Asymmetric Hydrogenation. Advanced Synthesis and Catalysis, 2008, 350, 1984-1990.	4.3	49

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91	Synthesis of triquinacene derivatives. Tetrahedron, 1986, 42, 1831-1839.	1.9	48
92	Asymmetric induction studies in the intramolecular pauson-khand cyclization of 7-alkoxy-1-hepten-6-ynes. Tetrahedron Letters, 1990, 31, 7505-7508.	1.4	48
93	Convenient synthesis of silylketenes from 1-tert-butoxy-2-silylethynes. Journal of Organic Chemistry, 1990, 55, 395-397.	3.2	48
94	A versatile enantiospecific approach to 3-azetidinols and aziridines. Tetrahedron Letters, 1991, 32, 6935-6938.	1.4	47
95	Asymmetric synthesis of bicyclo[4.3.0]nonan-8-ones by intramolecular Pauson-Khand reaction. Tetrahedron: Asymmetry, 1994, 5, 307-310.	1.8	47
96	A Catalytic Asymmetric Synthesis of Cyclohexylnorstatine. Journal of Organic Chemistry, 1996, 61, 6033-6037.	3.2	47
97	Intramolecular Azideâ^'Alkyne Cycloaddition for the Fast Assembly of Structurally Diverse, Tricyclic 1,2,3-Triazoles. Organic Letters, 2008, 10, 1617-1619.	4.6	47
98	Removing the superfluous: a supported squaramide catalyst with a minimalistic linker applied to the enantioselective flow synthesis of pyranonaphthoquinones. Catalysis Science and Technology, 2016, 6, 4686-4689.	4.1	47
99	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.	4.6	46
100	Structural Optimization of Enantiopure 2-Cyclialkylamino-2-aryl-1,1-diphenylethanols as Catalytic Ligands for Enantioselective Additions to Aldehydes. Journal of Organic Chemistry, 2008, 73, 5340-5353.	3.2	46
101	Fineâ€Tunable Tris(triazolyl)methane Ligands for Copper(I)â€•Catalyzed Azideâ€“Alkyne Cycloaddition Reactions. Advanced Synthesis and Catalysis, 2014, 356, 857-869.	4.3	46
102	A fully recyclable heterogenized Cu catalyst for the general carbene transfer reaction in batch and flow. Chemical Science, 2015, 6, 1510-1515.	7.4	46
103	A short enantioselective synthesis of N-Boc-Î±-amino acids from epoxy alcohols. Tetrahedron Letters, 1993, 34, 7781-7784.	1.4	45
104	A concise enantioselective synthesis of allylamines and N-boc-Î²-amino acids. Tetrahedron Letters, 1994, 35, 1589-1592.	1.4	45
105	Highly diastereoselective Pauson-Khand reactions of a stable, internally chelated, dicobalt pentacarbonyl complex of a chiral acetylene thioether. Tetrahedron Letters, 1998, 39, 335-338.	1.4	45
106	Asymmetric Pausonâ^'Khand Reactions Using Camphor-Derived Chelating Thiols as Chiral Controllers. Journal of Organic Chemistry, 2001, 66, 6400-6409.	3.2	45
107	Highly Active Organocatalysts for Asymmetric antiâ€Mannich Reactions. Chemistry - A European Journal, 2011, 17, 8780-8783.	3.3	45
108	Reaction of Alkynes and Azides: Not Triazoles Through Copperâ€“Acetylides but Oxazoles Through Copperâ€“Nitrene Intermediates. Chemistry - A European Journal, 2014, 20, 3463-3474.	3.3	45

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109	Enantioselective Î±-amination of 1,3-dicarbonyl compounds in batch and flow with immobilized thiourea organocatalysts. Green Chemistry, 2015, 17, 3122-3129.	9.0	45
110	Telescoped Continuous Flow Synthesis of Optically Active Î³-Nitrobutyric Acids as Key Intermediates of Baclofen, Phenibut, and Fluorophenibut. Organic Letters, 2020, 22, 8122-8126.	4.6	45
111	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.	3.2	44
112	Mechanistic Studies on the Conversion of Dicobalt Octacarbonyl into Colloidal Cobalt Nanoparticles. Langmuir, 2006, 22, 3823-3829.	3.5	44
113	Phosphinite Thioethers Derived from Chiral Epoxides. Modular P,S-Ligands for Pd-Catalyzed Asymmetric Allylic Substitutions. Journal of Organic Chemistry, 2010, 75, 2628-2644.	3.2	44
114	Air- and Water-Tolerant Rare Earth Guanidinium BINOLate Complexes as Practical Precatalysts in Multifunctional Asymmetric Catalysis. Journal of the American Chemical Society, 2014, 136, 8034-8041.	13.7	44
115	A convenient, stereodivergent approach to the enantioselective synthesis of N-Boc-aminoalkyl epoxides. Tetrahedron Letters, 1995, 36, 3019-3022.	1.4	43
116	A Concise Enantioselective Entry to the Synthesis of Deoxy-azasugars. Organic Letters, 2000, 2, 93-95.	4.6	43
117	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
118	Total Synthesis and Biological Activity of 13,14-Dehydro-12-Oxo-Phytodienoic Acids (Deoxy-J1-Phytoprostanes). ChemBioChem, 2005, 6, 276-280.	2.6	42
119	Reversible photocontrolled disintegration of a dimeric tetraurea-calix[4]pyrrole capsule with all-trans appended azobenzene units. Chemical Science, 2014, 5, 4260-4264.	7.4	42
120	Diastereodivergent Enantioselective [8 + 2] Annulation of Tropones and Enals Catalyzed by N-Heterocyclic Carbenes. Organic Letters, 2019, 21, 3187-3192.	4.6	42
121	An efficient synthesis of -alkoxyethynes. Tetrahedron, 1987, 43, 2311-2316.	1.9	41
122	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
123	Paraldehyde as an Acetaldehyde Precursor in Asymmetric Michael Reactions Promoted by Siteâ€Isolated Incompatible Catalysts. Chemistry - A European Journal, 2013, 19, 10814-10817.	3.3	41
124	A Theoreticallyâ€Guided Optimization of a New Family of Modular P,Sâ€Ligands for Iridiumâ€Catalyzed Hydrogenation of Minimally Functionalized Olefins. Chemistry - A European Journal, 2014, 20, 12201-12214.	3.3	41
125	Intermolecular Pausonâ^'Khand Reactions of Cyclopropene:â€‰ A General Synthesis of Cyclopentanones. Organic Letters, 2001, 3, 3193-3196.	4.6	40
126	A new method for the enantioselective synthesis of N-Boc-Î±,Î±-disubstituted Î±-amino acids. Tetrahedron, 2001, 57, 6367-6374.	1.9	40

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127	Fine-Tuning of Modular Amino Alcohol Ligands for the Enantioselective Transfer Hydrogenation of Ketones. European Journal of Organic Chemistry, 2002, 2002, 2337.	2.4	40
128	Bis(tert-butylsulfonyl)acetylene: A highly reactive dienophile. Tetrahedron Letters, 1990, 31, 2173-2176.	1.4	39
129	The dual-catalyzed (amino alcoho/Lewis acid) enantioselective addition of diethylzinc to N-diphenylphosphinoyl imines. Tetrahedron Letters, 1999, 40, 777-780.	1.4	39
130	Polystyrene or Magnetic Nanoparticles as Support in Enantioselective Organocatalysis? A Case Study in Friedelâ€"Crafts Chemistry. Organic Letters, 2016, 18, 1602-1605.	4.6	39
131	An Improved Procedure for the Preparation of 2,2-Dimethyl-4-chromanones. Synthesis, 1980, 1980, 725-727.	2.3	38
132	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.	2.3	38
133	Ring-Closing Metathesis of Chiral Allylamines. Enantioselective Synthesis of (2S,3R,4S)-3,4-Dihydroxyproline. Journal of Organic Chemistry, 2002, 67, 6896-6901.	3.2	38
134	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.	4.3	38
135	Continuous flow enantioselective arylation of aldehydes with ArZnEt using triarylboroxins as the ultimate source of aryl groups. Beilstein Journal of Organic Chemistry, 2009, 5, 56.	2.2	38
136	Acylative Kinetic Resolution of Alcohols Using a Recyclable Polymer-Supported Isothiourea Catalyst in Batch and Flow. ACS Catalysis, 2018, 8, 1067-1075.	11.2	38
137	Anionâ€"Ï€ Interactions in Lightâ€Induced Reactions: Role in the Amidation of (Hetero)aromatic Systems with Activated Nâ€Aryloxyamides. Chemistry - A European Journal, 2019, 25, 11785-11790.	3.3	38
138	Studies on the pauson-khand reaction. Exclusive formation of angularly fused triquinanes from bicyclo[3.3.0]oct-2-ene and propargyl derivatives. Tetrahedron, 1985, 41, 5995-6003.	1.9	37
139	Prolineâ€Derived Aminotriazole Ligands: Preparation and Use in the Rutheniumâ€Catalyzed Asymmetric Transfer Hydrogenation. Advanced Synthesis and Catalysis, 2011, 353, 113-124.	4.3	37
140	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.	3.2	36
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