

Miquel A Pericàs

List of Publications by Year in descending order

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papers

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22099

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481
times ranked

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#	ARTICLE	IF	CITATIONS
1	Polystyrene-Supported Hydroxyproline: An Insoluble, Recyclable Organocatalyst for the Asymmetric Aldol Reaction in Water. <i>Organic Letters</i> , 2006, 8, 4653-4655.	2.4	326
2	A theoretical study on the mechanism of the thermal and the acid-catalyzed decarboxylation of 2-oxetanones (β -lactones). <i>Journal of Organic Chemistry</i> , 1989, 54, 573-582.	1.7	309
3	Recent Advances in Enantioselective Pd-Catalyzed Allylic Substitution: From Design to Applications. <i>Chemical Reviews</i> , 2021, 121, 4373-4505.	23.0	302
4	A Highly Active Catalyst for Huisgen 1,3-Dipolar Cycloadditions Based on the Tris(triazolyl)methanol-Cu(I) Structure. <i>Organic Letters</i> , 2009, 11, 4680-4683.	2.4	218
5	Toward an Artificial Aldolase. <i>Organic Letters</i> , 2008, 10, 337-340.	2.4	199
6	Highly Enantioselective Michael Additions in Water Catalyzed by a PS-Supported Pyrrolidine. <i>Organic Letters</i> , 2007, 9, 3717-3720.	2.4	193
7	Functionalized nanoparticles as catalysts for enantioselective processes. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2669.	1.5	139
8	Asymmetric approach to Pauson-Khand bicyclization. Enantioselective formal synthesis of hirsutene. <i>Journal of the American Chemical Society</i> , 1990, 112, 9388-9389.	6.6	135
9	A Solid-Supported Organocatalyst for Highly Stereoselective, Batch, and Continuous-Flow Mannich Reactions. <i>Chemistry - A European Journal</i> , 2009, 15, 10167-10172.	1.7	131
10	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.	1.7	128
11	Light-Driven Organocatalysis Using Inexpensive, Nontoxic BiO_3 as the Photocatalyst. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9613-9616.	7.2	126
12	Functionalization of Fe_3O_4 magnetic nanoparticles for organocatalytic Michael reactions. <i>Journal of Materials Chemistry</i> , 2011, 21, 7350.	6.7	125
13	Highly Enantioselective α -Aminoxylation of Aldehydes and Ketones with a Polymer-Supported Organocatalyst. <i>Organic Letters</i> , 2007, 9, 1943-1946.	2.4	118
14	Conversion of oxiranes and CO_2 to organic cyclic carbonates using a recyclable, bifunctional polystyrene-supported organocatalyst. <i>Green Chemistry</i> , 2014, 16, 1552.	4.6	118
15	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.	1.7	115
16	Characterization of a (2R,3R)-2,3-Butanediol Dehydrogenase as the <i>Saccharomyces cerevisiae</i> YAL060W Gene Product. <i>Journal of Biological Chemistry</i> , 2000, 275, 35876-35885.	1.6	114
17	General Approach to Glycosidase Inhibitors. Enantioselective Synthesis of Deoxymannojirimycin and Swainsonine. <i>Journal of Organic Chemistry</i> , 2005, 70, 2325-2328.	1.7	112
18	A Highly Selective, Polymer-Supported Organocatalyst for Michael Additions with Enzyme-Like Behavior. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 3051-3056.	2.1	109

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19	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.	6.6	106
20	A Click Strategy for the Immobilization of MacMillan Organocatalysts onto Polymers and Magnetic Nanoparticles. <i>Organic Letters</i> , 2012, 14, 3668-3671.	2.4	106
21	Organocatalysis on Tap: Enantioselective Continuous Flow Processes Mediated by Solid-Supported Chiral Organocatalysts. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1173-1188.	1.2	105
22	A Solid-Supported Organocatalyst for Continuous-Flow Enantioselective Aldol Reactions. <i>ChemSusChem</i> , 2012, 5, 320-325.	3.6	104
23	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.	6.6	103
24	High Catalytic Activity of Chiral Amino Alcohol Ligands Anchored to Polystyrene Resins. <i>Journal of Organic Chemistry</i> , 1998, 63, 6309-6318.	1.7	101
25	Assessing the Suitability of 1,2,3-Triazole Linkers for Covalent Immobilization of Chiral Ligands: Application to Enantioselective Phenylation of Aldehydes. <i>Journal of Organic Chemistry</i> , 2007, 72, 2460-2468.	1.7	100
26	Highly Functionalized Biaryls via Suzuki-Miyaura Cross-Coupling Catalyzed by Pd@MOF under Batch and Continuous Flow Regimes. <i>ChemSusChem</i> , 2015, 8, 123-130.	3.6	94
27	A Recyclable, Immobilized Analogue of Benzotetramisole for Catalytic Enantioselective Domino Michael Addition/Cyclization Reactions in Batch and Flow. <i>ACS Catalysis</i> , 2016, 6, 348-356.	5.5	93
28	Continuous Flow, Highly Enantioselective Michael Additions Catalyzed by a PS-Supported Squaramide. <i>Organic Letters</i> , 2013, 15, 3498-3501.	2.4	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. <i>Journal of Organic Chemistry</i> , 1997, 62, 4970-4982.	1.7	89
30	Asymmetric [4 + 2] Annulation Reactions Catalyzed by a Robust, Immobilized Isothiourea. <i>ACS Catalysis</i> , 2017, 7, 2780-2785.	5.5	87
31	Enantioselective Continuous-Flow Production of α -Indolylmethanamines Mediated by an Immobilized Phosphoric Acid Catalyst. <i>Chemistry - A European Journal</i> , 2014, 20, 2367-2372.	1.7	85
32	Polystyrene-Supported Diarylprolinol Ethers as Highly Efficient Organocatalysts for Michael-Type Reactions. <i>Chemistry - A European Journal</i> , 2011, 17, 11585-11595.	1.7	84
33	Practical Implications of Boron-Zinc Transmetalation for the Catalytic Asymmetric Arylation of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1098-1101.	7.2	82
34	A Polystyrene-Supported, Highly Recyclable Squaramide Organocatalyst for the Enantioselective Michael Addition of 1,3-Dicarbonyl Compounds to β -Nitrostyrenes. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2905-2910.	2.1	80
35	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.	1.7	78
36	Photoswitchable Thioureas for the External Manipulation of Catalytic Activity. <i>Organic Letters</i> , 2014, 16, 1704-1707.	2.4	78

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37	Regioselective ring opening of chiral epoxyalcohols by primary amines. <i>Tetrahedron Letters</i> , 1991, 32, 6931-6934.	0.7	77
38	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.	1.7	77
39	Polystyrene-Supported TRIP: A Highly Recyclable Catalyst for Batch and Flow Enantioselective Allylation of Aldehydes. <i>ACS Catalysis</i> , 2016, 6, 7647-7651.	5.5	77
40	Towards Continuous Flow, Highly Enantioselective Allylic Amination: Ligand Design, Optimization and Supporting. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1539-1556.	2.1	75
41	Covalently immobilized tris(triazolyl)methanol-Cu complexes: highly active and recyclable catalysts for CuAAC reactions. <i>Catalysis Science and Technology</i> , 2012, 2, 195-200.	2.1	75
42	Asymmetric Pauson-Khand Cyclization: A Formal Total Synthesis of Natural Brefeldin A. <i>Journal of Organic Chemistry</i> , 1995, 60, 6670-6671.	1.7	74
43	Asymmetric α -Amination of Aldehydes Catalyzed by PS-Diphenylprolinol Silyl Ethers: Remediation of Catalyst Deactivation for Continuous Flow Operation. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2971-2976.	2.1	74
44	1,4-Dialkoxy-1,3-butadiynes. <i>Journal of the American Chemical Society</i> , 1990, 112, 7405-7406.	6.6	73
45	Ready access to stereodefined β -hydroxy- β -amino acids. Enantioselective synthesis of fully protected cyclohexylstatine. <i>Tetrahedron</i> , 1996, 52, 7063-7086.	1.0	73
46	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.	0.9	72
47	Asymmetric Visible-Light Photoredox Cross-Dehydrogenative Coupling of Aldehydes with Xanthenes. <i>ACS Catalysis</i> , 2017, 7, 7008-7013.	5.5	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. <i>Journal of Organic Chemistry</i> , 2000, 65, 7303-7309.	1.7	70
49	Polystyrene-supported bifunctional resorcinarenes as cheap, metal-free and recyclable catalysts for epoxide/CO ₂ coupling reactions. <i>Green Chemistry</i> , 2017, 19, 5488-5493.	4.6	70
50	Totally Stereocontrolled Intermolecular Pauson-Khand Reactions of N-(2-Alkynoyl) Sultams. <i>Journal of the American Chemical Society</i> , 1997, 119, 10225-10226.	6.6	69
51	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.	1.7	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 Aldehydes. <i>Journal of Organic Chemistry</i> , 1999, 64, 3969-3974.	1.7	67
53	Double-Supported Silica-Metal-Organic Framework Palladium Nanocatalyst for the Aerobic Oxidation of Alcohols under Batch and Continuous Flow Regimes. <i>ACS Catalysis</i> , 2015, 5, 472-479.	5.5	67
54	H-Bond-Directing Organocatalyst for Enantioselective [4 + 2] Cycloadditions via Dienamine Catalysis. <i>Organic Letters</i> , 2016, 18, 556-559.	2.4	66

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55	Catalytic Asymmetric [8+2] Annulation Reactions Promoted by a Recyclable Immobilized Isothiourea. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15068-15072.	7.2	66
56	Improved oxidation procedure with aromatic peroxyacids. <i>Tetrahedron Letters</i> , 1981, 22, 3895-3896.	0.7	64
57	A theoretical study on ketene-olefin cycloadditions. 1. Intermolecular reactions. <i>Journal of Organic Chemistry</i> , 1990, 55, 3582-3593.	1.7	64
58	Structurally Simple, Modular Amino Alcohols for the Recognition of Carboxylic Acids. Application to the Development of a New Chiral Solvating Agent. <i>Organic Letters</i> , 2005, 7, 5485-5487.	2.4	64
59	Metal-Mediated Cyclization of Aryl and Benzyl Glycidyl Ethers: A Complete Scenario. <i>Journal of the American Chemical Society</i> , 2008, 130, 16838-16839.	6.6	64
60	Highly Enantioselective Addition of Diethylzinc to Diphenylphosphinoyl Imines under Dual Amino Alcohol/Halosilane Mediation. <i>Organic Letters</i> , 2000, 2, 3157-3159.	2.4	63
61	Asymmetric anti-Mannich reactions in continuous flow. <i>Green Chemistry</i> , 2013, 15, 3295.	4.6	62
62	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.	1.7	60
63	PuPHOS: A Synthetically Useful Chiral Bidentate Ligand for the Intermolecular Pauson-Khand Reaction. <i>Journal of Organic Chemistry</i> , 2004, 69, 8053-8061.	1.7	60
64	Fast and Enantioselective Production of 1-aryl-1-propanols through a Single Pass, Continuous Flow Process. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 927-932.	2.1	60
65	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.	0.7	59
66	Straightforward entry to the pipercolic acid nucleus. Enantioselective synthesis of baikian. <i>Tetrahedron Letters</i> , 2002, 43, 779-782.	0.7	59
67	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.	1.1	59
68	(S)-2-[(R)-Fluoro(phenyl)methyl]oxirane: A General Reagent for Determining the ee of \pm -Chiral Amines. <i>Organic Letters</i> , 2005, 7, 3829-3832.	2.4	59
69	A Highly Active Polymer-Supported Catalyst for Asymmetric Robinson Annulations in Continuous Flow. <i>ACS Catalysis</i> , 2017, 7, 1383-1391.	5.5	59
70	Synthesis of functional cobalt nanoparticles for catalytic applications. Use in asymmetric transfer hydrogenation of ketones. <i>Journal of Materials Chemistry</i> , 2008, 18, 4692.	6.7	58
71	Diastereoselectivity in the intermolecular Pauson-Khand reaction of chiral 2-alkynoates. <i>Tetrahedron</i> , 1995, 51, 4239-4254.	1.0	57
72	Translating the Enantioselective Michael Reaction to a Continuous Flow Paradigm with an Immobilized, Fluorinated Organocatalyst. <i>ACS Catalysis</i> , 2015, 5, 6241-6248.	5.5	56

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73	Multigram-scale flow synthesis of the chiral key intermediate of (âˆ™)-paroxetine enabled by solvent-free heterogeneous organocatalysis. <i>Chemical Science</i> , 2019, 10, 11141-11146.	3.7	56
74	Shedding light on the nature of the catalytically active species in photocatalytic reactions using Bi ₂ O ₃ semiconductor. <i>Nature Communications</i> , 2021, 12, 625.	5.8	56
75	Organocatalytic Enantioselective Continuous-Flow Cyclopropanation. <i>Organic Letters</i> , 2016, 18, 6292-6295.	2.4	55
76	Practical asymmetric version of the intermolecular pauson-khand reaction. <i>Tetrahedron Letters</i> , 1994, 35, 575-578.	0.7	54
77	Asymmetric Approach to (+)-Î²-Cuparenone by Intramolecular Pausonâ™Khand Reaction. <i>Journal of Organic Chemistry</i> , 1996, 61, 9016-9020.	1.7	54
78	A multipurpose gold(i) precatalyst. <i>Chemical Communications</i> , 2011, 47, 4893.	2.2	54
79	A polystyrene-supported 9-amino(9-deoxy)epi quinine derivative for continuous flow asymmetric Michael reactions. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4204-4209.	1.5	54
80	Catalytic Enantioselective Flow Processes with Solidâ€”Supported Chiral Catalysts. <i>Chemical Record</i> , 2019, 19, 1872-1890.	2.9	53
81	Enantioselective Construction of Angular Triquinanes through an Asymmetric Intramolecular Pausonâ™Khand Reaction. Synthesis of (+)-15-Nor-pentalenene. <i>Journal of Organic Chemistry</i> , 1997, 62, 4851-4856.	1.7	52
82	Modular Synthesis of Triazoleâ€”Based Chiral Iodoarenes for Enantioselective Spirocyclizations. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2931-2941.	2.1	52
83	Continuous-flow enantioselective Î±-aminooxylation of aldehydes catalyzed by a polystyrene-immobilized hydroxyproline. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1486-1493.	1.3	51
84	Acetyleneâ™Dicobaltcarbonyl Complexes with Chiral Phosphinooxazoline Ligands:Â Synthesis, Structural Characterization, and Application to Enantioselective Intermolecular Pausonâ™Khand Reactions. <i>Journal of the American Chemical Society</i> , 2000, 122, 7944-7952.	6.6	50
85	Polystyrene-Supported (2 <i>S</i>)-(âˆ™)-3- <i>exo</i> -Piperazinoisoborneol: An Efficient Catalyst for the Batch and Continuous Flow Production of Enantiopure Alcohols. <i>Organic Letters</i> , 2012, 14, 1816-1819.	2.4	50
86	Continuous Flow Enantioselective Three-Component <i>anti</i> -Mannich Reactions Catalyzed by a Polymer-Supported Threonine Derivative. <i>ACS Catalysis</i> , 2014, 4, 3027-3033.	5.5	50
87	Visible Lightâ€”Driven Atom Transfer Radical Addition to Olefins using Bi ₂ O ₃ as Photocatalyst. <i>ChemSusChem</i> , 2015, 8, 1841-1844.	3.6	50
88	Optical control of endogenous receptors and cellular excitability using targeted covalent photoswitches. <i>Nature Communications</i> , 2016, 7, 12221.	5.8	50
89	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.	0.8	49
90	Highly Modular <i>P</i> -Oâ€” Ligands for Asymmetric Hydrogenation. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1984-1990.	2.1	49

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91	Synthesis of triquinacene derivatives. <i>Tetrahedron</i> , 1986, 42, 1831-1839.	1.0	48
92	Asymmetric induction studies in the intramolecular pauson-khand cyclization of 7-alkoxy-1-hepten-6-yne. <i>Tetrahedron Letters</i> , 1990, 31, 7505-7508.	0.7	48
93	Convenient synthesis of silylketenes from 1-tert-butoxy-2-silylethynes. <i>Journal of Organic Chemistry</i> , 1990, 55, 395-397.	1.7	48
94	A versatile enantiospecific approach to 3-azetidins and aziridines. <i>Tetrahedron Letters</i> , 1991, 32, 6935-6938.	0.7	47
95	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
96	A Catalytic Asymmetric Synthesis of Cyclohexylnorstatine. <i>Journal of Organic Chemistry</i> , 1996, 61, 6033-6037.	1.7	47
97	Intramolecular Azide-Alkyne Cycloaddition for the Fast Assembly of Structurally Diverse, Tricyclic 1,2,3-Triazoles. <i>Organic Letters</i> , 2008, 10, 1617-1619.	2.4	47
98	Removing the superfluous: a supported squaramide catalyst with a minimalistic linker applied to the enantioselective flow synthesis of pyranonaphthoquinones. <i>Catalysis Science and Technology</i> , 2016, 6, 4686-4689.	2.1	47
99	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.	2.4	46
100	Structural Optimization of Enantiopure 2-Cyclialkylamino-2-aryl-1,1-diphenylethanol as Catalytic Ligands for Enantioselective Additions to Aldehydes. <i>Journal of Organic Chemistry</i> , 2008, 73, 5340-5353.	1.7	46
101	Fine-tunable Tris(triazolyl)methane Ligands for Copper(I)-Catalyzed Azide-Alkyne Cycloaddition Reactions. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 857-869.	2.1	46
102	A fully recyclable heterogenized Cu catalyst for the general carbene transfer reaction in batch and flow. <i>Chemical Science</i> , 2015, 6, 1510-1515.	3.7	46
103	A short enantioselective synthesis of N-Boc- β -amino acids from epoxy alcohols. <i>Tetrahedron Letters</i> , 1993, 34, 7781-7784.	0.7	45
104	A concise enantioselective synthesis of allylamines and N-boc- β -amino acids. <i>Tetrahedron Letters</i> , 1994, 35, 1589-1592.	0.7	45
105	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.	0.7	45
106	Asymmetric Pauson-Khand Reactions Using Camphor-Derived Chelating Thiols as Chiral Controllers. <i>Journal of Organic Chemistry</i> , 2001, 66, 6400-6409.	1.7	45
107	Highly Active Organocatalysts for Asymmetric <i>anti</i> -Mannich Reactions. <i>Chemistry - A European Journal</i> , 2011, 17, 8780-8783.	1.7	45
108	Reaction of Alkynes and Azides: Not Triazoles Through Copper-Acetylides but Oxazoles Through Copper-Nitrene Intermediates. <i>Chemistry - A European Journal</i> , 2014, 20, 3463-3474.	1.7	45

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109	Enantioselective $\hat{\pm}$ -amination of 1,3-dicarbonyl compounds in batch and flow with immobilized thiourea organocatalysts. <i>Green Chemistry</i> , 2015, 17, 3122-3129.	4.6	45
110	Telescoped Continuous Flow Synthesis of Optically Active $\hat{3}$ -Nitrobutyric Acids as Key Intermediates of Baclofen, Phenibut, and Fluorophenibut. <i>Organic Letters</i> , 2020, 22, 8122-8126.	2.4	45
111	Low-Energy Pathway for Pauson $\hat{\sim}$ Khand Reactions: \hat{A} Synthesis and Reactivity of Dicobalt Hexacarbonyl Complexes of Chiral Ynamines. <i>Journal of Organic Chemistry</i> , 2000, 65, 7291-7302.	1.7	44
112	Mechanistic Studies on the Conversion of Dicobalt Octacarbonyl into Colloidal Cobalt Nanoparticles. <i>Langmuir</i> , 2006, 22, 3823-3829.	1.6	44
113	Phosphinite Thioethers Derived from Chiral Epoxides. Modular $\langle i \rangle P \langle /i \rangle, \langle i \rangle S \langle /i \rangle$ -Ligands for Pd-Catalyzed Asymmetric Allylic Substitutions. <i>Journal of Organic Chemistry</i> , 2010, 75, 2628-2644.	1.7	44
114	Air- and Water-Tolerant Rare Earth Guanidinium BINOLate Complexes as Practical Precatalysts in Multifunctional Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 8034-8041.	6.6	44
115	A convenient, stereodivergent approach to the enantioselective synthesis of N-Boc-aminoalkyl epoxides. <i>Tetrahedron Letters</i> , 1995, 36, 3019-3022.	0.7	43
116	A Concise Enantioselective Entry to the Synthesis of Deoxy-azasugars. <i>Organic Letters</i> , 2000, 2, 93-95.	2.4	43
117	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
118	Total Synthesis and Biological Activity of 13,14-Dehydro-12-Oxo-Phytodienoic Acids (Deoxy-J1-Phytosteranes). <i>ChemBioChem</i> , 2005, 6, 276-280.	1.3	42
119	Reversible photocontrolled disintegration of a dimeric tetraurea-calix[4]pyrrole capsule with all-trans appended azobenzene units. <i>Chemical Science</i> , 2014, 5, 4260-4264.	3.7	42
120	Diastereodivergent Enantioselective [8 + 2] Annulation of Tropones and Enals Catalyzed by N-Heterocyclic Carbenes. <i>Organic Letters</i> , 2019, 21, 3187-3192.	2.4	42
121	An efficient synthesis of -alkoxyethynes. <i>Tetrahedron</i> , 1987, 43, 2311-2316.	1.0	41
122	An enantioselective, stereodivergent approach to anti- and syn- $\hat{\pm}$ -hydroxy- $\hat{2}$ -amino acids from anti-3-amino-1,2-diols. Synthesis of the ready for coupling taxotere \hat{A} side chain.. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 243-262.	1.8	41
123	Paraldehyde as an Acetaldehyde Precursor in Asymmetric Michael Reactions Promoted by Site $\hat{\epsilon}$ olated Incompatible Catalysts. <i>Chemistry - A European Journal</i> , 2013, 19, 10814-10817.	1.7	41
124	A Theoretically $\hat{\epsilon}$ Guided Optimization of a New Family of Modular P,S $\hat{\epsilon}$ Ligands for Iridium $\hat{\epsilon}$ Catalyzed Hydrogenation of Minimally Functionalized Olefins. <i>Chemistry - A European Journal</i> , 2014, 20, 12201-12214.	1.7	41
125	Intermolecular Pauson $\hat{\sim}$ Khand Reactions of Cyclopropene: $\hat{\epsilon}$ % A General Synthesis of Cyclopentanones. <i>Organic Letters</i> , 2001, 3, 3193-3196.	2.4	40
126	A new method for the enantioselective synthesis of N-Boc- $\hat{\pm}$, $\hat{\pm}$ -disubstituted $\hat{\pm}$ -amino acids. <i>Tetrahedron</i> , 2001, 57, 6367-6374.	1.0	40

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127	Fine-Tuning of Modular Amino Alcohol Ligands for the Enantioselective Transfer Hydrogenation of Ketones. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 2337.	1.2	40
128	Bis(tert-butylsulfonyl)acetylene: A highly reactive dienophile. <i>Tetrahedron Letters</i> , 1990, 31, 2173-2176.	0.7	39
129	The dual-catalyzed (amino alcohol/Lewis acid) enantioselective addition of diethylzinc to N-diphenylphosphinoyl imines. <i>Tetrahedron Letters</i> , 1999, 40, 777-780.	0.7	39
130	Polystyrene or Magnetic Nanoparticles as Support in Enantioselective Organocatalysis? A Case Study in Friedel-Crafts Chemistry. <i>Organic Letters</i> , 2016, 18, 1602-1605.	2.4	39
131	An Improved Procedure for the Preparation of 2,2-Dimethyl-4-chromanones. <i>Synthesis</i> , 1980, 1980, 725-727.	1.2	38
132	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.	1.2	38
133	Ring-Closing Metathesis of Chiral Allylamines. Enantioselective Synthesis of (2S,3R,4S)-3,4-Dihydroxyproline. <i>Journal of Organic Chemistry</i> , 2002, 67, 6896-6901.	1.7	38
134	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.	2.1	38
135	Continuous flow enantioselective arylation of aldehydes with ArZnEt using triarylboroxins as the ultimate source of aryl groups. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 56.	1.3	38
136	Acylation Kinetic Resolution of Alcohols Using a Recyclable Polymer-Supported Isothiourea Catalyst in Batch and Flow. <i>ACS Catalysis</i> , 2018, 8, 1067-1075.	5.5	38
137	Anion- π Interactions in Light-Induced Reactions: Role in the Amidation of (Hetero)aromatic Systems with Activated N-Aryloxyamides. <i>Chemistry - A European Journal</i> , 2019, 25, 11785-11790.	1.7	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. <i>Tetrahedron</i> , 1985, 41, 5995-6003.	1.0	37
139	Proline-Derived Aminotriazole Ligands: Preparation and Use in the Ruthenium-Catalyzed Asymmetric Transfer Hydrogenation. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 113-124.	2.1	37
140	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.	1.7	36
141	New Silica-Immobilized Chiral Amino Alcohol for the Enantioselective Addition of Diethylzinc to Benzaldehyde. <i>Organic Letters</i> , 2003, 5, 4333-4335.	2.4	35
142	Phosphinooxazolines Derived from β -Amino- α , β -diols: Highly Efficient Modular β -CN Ligands. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2265-2278.	2.1	35
143	<i>tert</i> -Butyl Phenyl Sulfoxide: A Traceless Sulfenate Anion Precatalyst. <i>Organic Letters</i> , 2015, 17, 1164-1167.	2.4	35
144	Synthesis and catalytic applications of C ₃ -symmetric tris(triazolyl)methanol ligands and derivatives. <i>Chemical Communications</i> , 2016, 52, 1997-2010.	2.2	35

#	ARTICLE	IF	CITATIONS
145	A qualitative molecular mechanics approach to the stereoselectivity of intramolecular Pauson-Khand reactions. <i>Tetrahedron</i> , 1995, 51, 6541-6556.	1.0	34
146	A convenient preparation of N-(2-alkynoyl) derivatives of chiral oxazolidin-2-ones and bornane-10,2-sultam. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1685-1691.	1.8	34
147	Improving CdSe Quantum Dot/Polymer Solar Cell Efficiency Through the Covalent Functionalization of Quantum Dots: Implications in the Device Recombination Kinetics. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13374-13381.	1.5	34
148	Enantioselective synthesis of unsaturated amino acids using p-methoxybenzylamine as an ammonia equivalent. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 4639-4651.	1.8	33
149	Immobilization of <i>cis</i> -4-Hydroxydiphenylprolinol Silyl Ethers onto Polystyrene. Application in the Catalytic Enantioselective Synthesis of 5-Hydroxyisoxazolidines in Batch and Flow. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2914-2924.	2.1	33
150	Decarboxylative Hydroalkylation of Alkynes via Dual Copper-Photoredox Catalysis. <i>ACS Catalysis</i> , 2020, 10, 6402-6408.	5.5	33
151	Copper-Free Intramolecular Alkyne-Azide Cycloadditions Leading to Seven-Membered Heterocycles. <i>Organic Letters</i> , 2011, 13, 5044-5047.	2.4	32
152	Hybrid magnetic materials (Fe ₃ O ₄ - γ -carrageenan) as catalysts for the Michael addition of aldehydes to nitroalkenes. <i>Tetrahedron</i> , 2014, 70, 6169-6173.	1.0	32
153	A Simple Method for Preparation of Aryl 2,2,2-Trifluoroethyl Ethers. <i>Synthesis</i> , 1980, 1980, 727-728.	1.2	31
154	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
155	Synthesis of enantiopure amino alcohols by ring-opening of epoxyalcohols and epoxyethers with ammonia. <i>Tetrahedron Letters</i> , 2003, 44, 8369-8372.	0.7	31
156	An Enantioselective Recyclable Polystyrene-Supported Threonine-Derived Organocatalyst for Aldol Reactions. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1795-1802.	2.1	31
157	Visible-Light-Promoted Arylation Reactions Photocatalyzed by Bismuth(III) Oxide. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6986-6990.	1.2	31
158	Enantioselective synthesis of (S)-vigabatrin [®] . <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2967-2974.	1.8	30
159	Reversing the Stereoselectivity of the Intermolecular Pauson-Khand Reaction: α -Formation of endo-Fused Norbornadiene Adducts. <i>Organic Letters</i> , 2002, 4, 1205-1208.	2.4	30
160	Boron trifluoride-induced reactions of phenylglycidyl ethers: a convenient synthesis of enantiopure, stereodefined fluorohydrins. <i>Tetrahedron Letters</i> , 2004, 45, 6337-6341.	0.7	30
161	TEMPO-mediated, room temperature synthesis of pure CoO nanoparticles. <i>Chemical Communications</i> , 2006, , 1307.	2.2	30
162	Asymmetric cross- and self-aldol reactions of aldehydes in water with a polystyrene-supported triazolylproline organocatalyst. <i>Green Chemistry</i> , 2016, 18, 3507-3512.	4.6	30

#	ARTICLE	IF	CITATIONS
163	A theoretical study of the barbier reaction. <i>Tetrahedron Letters</i> , 1990, 31, 7619-7622.	0.7	29
164	Enantioselective synthesis of fully protected anti 3-amino-2-hydroxy butyrates. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2329-2342.	1.8	29
165	Polystyrene-supported amino alcohol ligands for the heterogeneous asymmetric addition of phenyl zinc reagents to aldehydes. <i>Tetrahedron</i> , 2005, 61, 12111-12120.	1.0	29
166	Highly enantioselective dynamic kinetic resolution and desymmetrization processes by cyclocondensation of chiral aminoalcohols with racemic or prochiral α -oxoacid derivatives. <i>Chemical Communications</i> , 2005, , 1327-1329.	2.2	29
167	Organocatalytic and Halide-Free Synthesis of Glycerol Carbonate under Continuous Flow. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 4391-4397.	3.2	29
168	Photoredox Dual Catalysis: A Fertile Playground for the Discovery of New Reactivities. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3421-3431.	1.0	29
169	Chiral auxiliary-induced stereocontrol in intramolecular Pauson-Khand reactions leading to angular triquinanes. <i>Tetrahedron</i> , 1996, 52, 14021-14040.	1.0	28
170	Tandem Aminocarbonylation/Pauson-Khand Reaction of Haloacetylenes. <i>Organic Letters</i> , 1999, 1, 1981-1984.	2.4	28
171	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.	1.7	28
172	"Click chemistry" as a versatile route to synthesize and modulate bent-core liquid crystalline materials. <i>Journal of Materials Chemistry</i> , 2012, 22, 16791.	6.7	28
173	Synthetic applications of di-tert-butoxyethyne, II: New syntheses of squaric, semisquaric and croconic acids. <i>Tetrahedron Letters</i> , 1982, 23, 361-364.	0.7	27
174	Chiral acetylene thioethers: Synthesis and Pauson-Khand reactions. <i>Tetrahedron</i> , 1997, 53, 8651-8664.	1.0	27
175	Addition of Diethylzinc to Dicobalt Hexacarbonyl Complexes of α,β -Acetylenic Aldehydes with Virtually Complete Enantioselectivity. A Formal Synthesis of (+)-Incrustoporin. <i>Organic Letters</i> , 2002, 4, 2381-2383.	2.4	27
176	Aqueous asymmetric transfer hydrogenation using modular hydrophobic aminoalcohols. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 374-378.	1.8	27
177	Polystyrene-Supported Enantiopure 1,2-Diamines: Development of a Most Practical Catalyst for the Asymmetric Transfer Hydrogenation of Ketones. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1345-1352.	2.1	27
178	Computationally Guided Design of a Readily Assembled Phosphite-Thioether Ligand for a Broad Range of Pd-Catalyzed Asymmetric Allylic Substitutions. <i>ACS Catalysis</i> , 2018, 8, 3587-3601.	5.5	27
179	Fluorinated chromenes 1: 2,2,2-trifluoroethoxy precocene analogs and their corresponding 3,4-epoxides. <i>Tetrahedron Letters</i> , 1980, 21, 2361-2364.	0.7	26
180	Direct entry to the all-cis tricyclo[5.2.1.0 ^{4,10}]decane (perhydrotriquinacene) skeleton by a cobalt mediated intramolecular cyclization. <i>Tetrahedron Letters</i> , 1985, 26, 2475-2476.	0.7	26

#	ARTICLE	IF	CITATIONS
181	A Catalytic Asymmetric Synthesis of N-Boc- β -Methylphenylalanines. <i>Journal of Organic Chemistry</i> , 1997, 62, 8425-8431.	1.7	26
182	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
183	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.	2.4	26
184	A Purely Synthetic, Diversity Amenable Version of Norephedrine Thiols for the Highly Enantioselective Diethylzinc Addition to Aldehydes. <i>Synlett</i> , 2001, 2001, 1155-1157.	1.0	26
185	Exploring Structural Diversity in Ligand Design: The Aminoindanol Case. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2250-2260.	2.1	26
186	Evaluating polymer-supported isothiourea catalysis in industrially-preferable solvents for the acylative kinetic resolution of secondary and tertiary heterocyclic alcohols in batch and flow. <i>Green Chemistry</i> , 2018, 20, 4537-4546.	4.6	26
187	A Straightforward, Highly Stereoselective Synthesis of Protected Isostatine Derivatives. <i>Chemistry - A European Journal</i> , 1996, 2, 1001-1006.	1.7	25
188	The Diels-Alder cycloaddition, an intriguing problem in organic sonochemistry. <i>Ultrasonics Sonochemistry</i> , 1996, 3, 7-13.	3.8	25
189	Enantioselective synthesis of N-Boc-1-naphthylglycine. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1581-1586.	1.8	25
190	Synthesis of N-Boc- β -Aryl Alanines and of N-Boc- β -Methyl- β -aryl Alanines by Regioselective Ring-Opening of Enantiomerically Pure N-Boc-Aziridines. <i>Journal of Organic Chemistry</i> , 1998, 63, 8574-8578.	1.7	25
191	Metal-Free Intermolecular Azide-Alkyne Cycloaddition Promoted by Glycerol. <i>Chemistry - A European Journal</i> , 2015, 21, 18706-18710.	1.7	25
192	Nickel-Catalyzed Reductive [2+2] Cycloaddition of Alkynes. <i>Journal of the American Chemical Society</i> , 2018, 140, 17349-17355.	6.6	25
193	Diisopropoxy- and di-tert-butoxyethyne. <i>Tetrahedron</i> , 1981, 37, 1441-1449.	1.0	24
194	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
195	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.	1.7	24
196	Heterobimetallic (Co-W) intermolecular Pauson-Khand reactions: scope and selectivity. <i>Tetrahedron Letters</i> , 2002, 43, 4903-4906.	0.7	24
197	Asymmetric Allylation of Ketones and Subsequent Tandem Reactions Catalyzed by a Novel Polymer-Supported Titanium-BINOLate Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 7122-7127.	1.7	24
198	Asymmetric organocatalysts supported on vinyl addition polynorbornenes for work in aqueous media. <i>Catalysis Science and Technology</i> , 2015, 5, 754-764.	2.1	24

#	ARTICLE	IF	CITATIONS
199	Synthesis and Application of Magnetic Noyori-Type Ruthenium Catalysts for Asymmetric Transfer Hydrogenation Reactions in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2698-2705.	3.2	24
200	4-Alkoxydialkyl- and 4-Alkoxydiarylprolinol Organocatalysts: High Throughput Experimentation (HTE)-Based and Design of Experiments (DoE)-Guided Development of a Highly Enantioselective Michael Addition of Cyclic Imides to α,β -Unsaturated Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2414-2424.	2.1	24
201	Catalytic Asymmetric [8+2] Annulation Reactions Promoted by a Recyclable Immobilized Isothiourea. <i>Angewandte Chemie</i> , 2017, 129, 15264-15268.	1.6	24
202	Evolution of phosphorus-thioether ligands for asymmetric catalysis. <i>Chemical Communications</i> , 2020, 56, 10795-10808.	2.2	24
203	Small-ring cyclic alkynes: ab initio molecular orbital study of cyclohexyne. <i>Journal of Organic Chemistry</i> , 1987, 52, 4160-4163.	1.7	23
204	A broad scope highly efficient synthesis of bis(R-thio)acetylenes. <i>Tetrahedron Letters</i> , 1990, 31, 2169-2172.	0.7	23
205	Divergent stereoselective synthesis of (E) and (Z) O-Alkyl enol ethers. <i>Tetrahedron Letters</i> , 1992, 33, 2863-2866.	0.7	23
206	Thermodynamic and Kinetic Studies of the Liquid Phase Synthesis of tert-Butyl Ethyl Ether Using a Reaction Calorimeter. <i>Industrial & Engineering Chemistry Research</i> , 1995, 34, 3718-3725.	1.8	23
207	A Comparative Thermodynamic and Kinetic Study of the Reaction between Olefins and Light Alcohols Leading to Branched Ethers. Reaction Calorimetry Study of the Formation of tert-Amyl Methyl Ether (TAME) and tert-Butyl Isopropyl Ether (IPTBE). <i>Industrial & Engineering Chemistry Research</i> , 1997, 36, 2012-2018.	1.8	23
208	Highly Enantioselective Cross-Aldol Reactions of Acetaldehyde Mediated by a Dual Catalytic System Operating under Site Isolation. <i>Chemistry - A European Journal</i> , 2014, 20, 13089-13093.	1.7	23
209	Stereoselective Inter- and Intramolecular Pauson-Khand Reactions of N-(2-Alkynoyl) Derivatives of Chiral Oxazolidin-2-ones. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 3459-3478.	1.2	22
210	Chiral cyclopentadiene-mediated approach to enantioselective heterobimetallic Pauson-Khand reactions. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 358-362.	0.8	22
211	Studies on the Amination of Aryl Chlorides with a Monoligated Palladium Catalyst: Kinetic Evidence for a Cooperative Mechanism. <i>Chemistry - A European Journal</i> , 2012, 18, 16510-16516.	1.7	22
212	Optical Control of Enzyme Enantioselectivity in Solid Phase. <i>ACS Catalysis</i> , 2014, 4, 1004-1009.	5.5	22
213	Manganese/Copper Co-catalyzed Electrochemical Wacker-Tsuji-Type Oxidation of Aryl-Substituted Alkenes. <i>Organic Letters</i> , 2020, 22, 7338-7342.	2.4	22
214	A General, Catalytic, and Enantioselective Synthesis of (S)- β -[(S)-1-Aminoalkyl]- β -lactones. <i>Journal of Organic Chemistry</i> , 1998, 63, 3560-3567.	1.7	21
215	The first alkyne-dicobaltcarbonyl complex with a bidentate chiral ligand with Co-P and Co-N coordination. <i>Journal of Organometallic Chemistry</i> , 1999, 585, 53-58.	0.8	21
216	A totally stereocontrolled route to N-methyl- β -amino- β -hydroxy acids: Asymmetric synthesis of the amino acid component of hapalysin. <i>Tetrahedron Letters</i> , 1999, 40, 9309-9312.	0.7	21

#	ARTICLE	IF	CITATIONS
217	Key Non-Metal Ingredients for Cu-catalyzed "Click" Reactions in Glycerol: Nanoparticles as Efficient Forwarders. <i>Chemistry - A European Journal</i> , 2016, 22, 18247-18253.	1.7	21
218	Functionalization of A3B-type porphyrin with Fe ₃ O ₄ MNPs. Supramolecular assemblies, gas sensor and catalytic applications. <i>Catalysis Today</i> , 2018, 306, 268-275.	2.2	21
219	Bis(tert-butylsulfonyl)acetylene as a general synthetic equivalent of alkynes in diels-alder chemistry. II: reductive and alkylative desulfonylations of bicyclic 1-alkyl-2-(tert-butylsulfonyl)ethenes. <i>Tetrahedron Letters</i> , 1991, 32, 4583-4586.	0.7	20
220	TEMPO-Promoted Pauson-Khand Reaction. Single-Electron Activation of Cobalt Carbonyl Bonds?. <i>Organic Letters</i> , 2005, 7, 3033-3036.	2.4	20
221	Parallel synthesis of modular chiral Schiff base ligands and evaluation in the titanium(IV) catalyzed asymmetric trimethylsilylcyanation of aldehydes. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 151-160.	1.8	20
222	Synthesis of highly modular bis(oxazoline) ligands by Suzuki cross-coupling and evaluation as catalytic ligands. <i>Tetrahedron</i> , 2009, 65, 8199-8205.	1.0	20
223	Molecular ruthenium complexes anchored on magnetic nanoparticles that act as powerful and magnetically recyclable stereospecific epoxidation catalysts. <i>Catalysis Science and Technology</i> , 2013, 3, 706-714.	2.1	20
224	Reaction of di- <i>t</i> -butoxyethyne with Fe ₂ (CO) ₉ : X-ray crystal structure of (tetra- <i>t</i> -butoxycyclopentadienone)tricarbonyliron (0) and an improved formal synthesis of hydrocroconic acid and the croconate dianion. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987, 2749-2752.	0.9	19
225	A semiempirical (AM1, MNDO, and MINDO/3) study on the thermolysis of 1-alkynyl ethers. Reaction analysis by correlation of localized molecular orbitals. <i>Journal of Organic Chemistry</i> , 1987, 52, 5532-5538.	1.7	19
226	Alkyne Dicobalt Carbonyl Complexes with Sulfide Ligands. Synthesis, Crystal Structure, and Dynamic Behavior. <i>Organometallics</i> , 1999, 18, 4275-4285.	1.1	19
227	Changing the Palladium Coordination to Phosphinoimidazolines with a Remote Triazole Substituent. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3255-3261.	2.1	19
228	Development of Immobilized SPINOL-Derived Chiral Phosphoric Acids for Catalytic Continuous Flow Processes. Use in the Catalytic Desymmetrization of 3,3-Disubstituted Oxetanes. <i>ACS Catalysis</i> , 2020, 10, 14971-14983.	5.5	19
229	Enantioselective Flow Synthesis of Rolipram Enabled by a Telescoped Asymmetric Conjugate Addition-Oxidative Aldehyde Esterification Sequence Using <i>in Situ</i> -Generated Persulfuric Acid as Oxidant. <i>Organic Letters</i> , 2022, 24, 1066-1071.	2.4	19
230	Fluorinated chromenes. III. Synthesis of 3-fluoro-2,2-dimethyl-2H-chromenes. <i>Journal of Heterocyclic Chemistry</i> , 1980, 17, 1377-1379.	1.4	18
231	Synthesis of Heavily Substituted 1,2-Amino Alcohols in Enantiomerically Pure Form. <i>Journal of Organic Chemistry</i> , 2005, 70, 7426-7428.	1.7	18
232	Suzuki Cross-Coupling on Enantiomerically Pure Epoxides: Efficient Synthesis of Diverse, Modular Amino Alcohols from Single Enantiopure Precursors. <i>Journal of Organic Chemistry</i> , 2007, 72, 3253-3258.	1.7	18
233	Synthesis of 2,2-Dimethylchromans by Cyclodehydrohalogenation of Phenols and 1,3-Dichloro-3-methyl-butane. <i>Synthesis</i> , 1979, 126-127.	1.2	17
234	Synthesis and conformational analysis of glyoxal bis-dithioacetals: 1,4,5,8-tetrathiadecalin (hexahydro-1,4-dithiino[2,3- <i>b</i>]-1,4-dithiin) and -2,3-bis(methylthio)-1,4-dithiane. <i>Tetrahedron</i> , 1986, 42, 2717-2724.	1.0	17

#	ARTICLE	IF	CITATIONS
235	A Mild, Selective, PyBOP Mediated Procedure for the Conversion of Primary Amines into Phthalimides. <i>Synthesis</i> , 1998, 1998, 313-316.	1.2	17
236	Tris(pyrrolyl)phosphine-Substituted Acetylene-Dicobaltcarbonyl Complexes: Syntheses, Structural Characterization, and Reactivity Studies. <i>Organometallics</i> , 2000, 19, 1704-1712.	1.1	17
237	An intramolecular Pauson-Khand approach to the synthesis of chiral cyclopentadienes. <i>Tetrahedron Letters</i> , 2002, 43, 1023-1026.	0.7	17
238	Low-Temperature Synthesis of CoO Nanoparticles via Chemically Assisted Oxidative Decarbonylation. <i>Chemistry of Materials</i> , 2008, 20, 92-100.	3.2	17
239	Synthesis of triarylmethanols via tandem arylation/oxidation of diarylmethanes. <i>Tetrahedron Letters</i> , 2015, 56, 3604-3607.	0.7	17
240	Desymmetrisation of <i>meso</i> -diones promoted by a highly recyclable polymer-supported chiral phosphoric acid catalyst. <i>RSC Advances</i> , 2018, 8, 6910-6914.	1.7	17
241	Stereoselectivity in the intermolecular Pauson-Khand reaction of electron-deficient terminal alkynes. <i>Tetrahedron Letters</i> , 2004, 45, 5387-5390.	0.7	16
242	Catalytic Batch and Continuous Flow Production of Highly Enantioenriched Cyclohexane Derivatives with Polymer-Supported Diarylprolinol Silyl Ethers. <i>Synlett</i> , 2011, 2011, 464-468.	1.0	16
243	Expedient Synthesis of 1,3-Cyclobutanedione via Thermal Dimerization of <i>t</i> -Butoxyethyne. <i>Synthesis</i> , 1985, 1985, 1118-1120.	1.2	15
244	Bis(<i>tert</i> -butylsulfonyl)acetylene as a general synthetic equivalent of alkynes in diels-alder chemistry. I: highly selective reduction and alkylating monodesulfonylation of <i>z</i> -1,2-bis(<i>tert</i> -butylsulfonyl)ethenes. <i>Tetrahedron Letters</i> , 1991, 32, 4579-4582.	0.7	15
245	A convenient synthesis of hexacarbonyldicobalt complexes of chiral (non-racemic) terminal alkoxyacetylenes. <i>Journal of Organometallic Chemistry</i> , 1994, 470, C12-C14.	0.8	15
246	Reaction Calorimetry Study of the Liquid-Phase Synthesis of <i>tert</i> -Butyl Methyl Ether. <i>Industrial & Engineering Chemistry Research</i> , 1994, 33, 2578-2583.	1.8	15
247	Amino thiols versus amino alcohols in the asymmetric alkynylzinc addition to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1413-1418.	1.8	15
248	Covalent Heterogenization of Asymmetric Catalysts on Polymers and Nanoparticles. <i>Catalysis By Metal Complexes</i> , 2010, , 123-170.	0.6	15
249	A Computational Study on the Role of Chiral <i>N</i> -Oxides in Enantioselective Pauson-Khand Reactions. <i>Chemistry - A European Journal</i> , 2011, 17, 10050-10057.	1.7	15
250	Deciphering the roles of multiple additives in organocatalyzed Michael additions. <i>Chemical Communications</i> , 2016, 52, 6821-6824.	2.2	15
251	Synthesis of croconic and hydrocroconic acids from <i>di-t</i> -butoxyethyne. Electrochemical demetallation of a cyclopentadienyl organocobalt complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 1305-1306.	2.0	14
252	Small-ring cyclic alkynes: ab initio molecular orbital study of cyclopentyne. <i>Journal of the American Chemical Society</i> , 1986, 108, 6884-6888.	6.6	14

#	ARTICLE	IF	CITATIONS
253	A convergent, stereocontrolled synthesis of C2-symmetrical and pseudosymmetrical sulfur-tethered bis(amino alcohols). <i>Tetrahedron Letters</i> , 1999, 40, 3913-3916.	0.7	14
254	Bornane-2,10-sultam: a highly efficient chiral controller and mechanistic probe for the intermolecular Pauson-Khand reaction. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1837-1850.	1.8	14
255	Enantiodivergent, Catalytic Asymmetric Synthesis of β^3 -Amino Vinyl Sulfones. <i>Journal of Organic Chemistry</i> , 2003, 68, 5075-5083.	1.7	14
256	5,5- β^2 -Bistriazoles as axially chiral, multidentate ligands: synthesis, configurational stability and catalytic application of their scandium(Sc^{III}) complexes. <i>Catalysis Science and Technology</i> , 2017, 7, 4830-4841.	2.1	14
257	A versatile, immobilized gold catalyst for the reductive amination of aldehydes in batch and flow. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 714-721.	1.9	14
258	Fluorinated chromenes. Synthesis of 6,7-dimethoxy-2-methyl-2-trifluoromethyl- <i>H</i> -chromene. <i>Journal of Heterocyclic Chemistry</i> , 1980, 17, 207-208.	1.4	13
259	Generation and cyclotrimerization of 1,4-dioxacyclohexyne (p-dioxyne). <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 942-943.	2.0	13
260	A Concise Enantioselective Synthesis of N-Boc-(S)-2-Aminosuberic Acid. <i>Synthetic Communications</i> , 1994, 24, 1231-1238.	1.1	13
261	A convenient synthesis of chiral 2-alkynyl-1,3-oxazolines. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 4407-4416.	1.8	13
262	Chiral derivatives of semisquaric acid as new modular ligands for asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1747-1752.	1.8	13
263	Ligand Anatomy: Probing Remote Substituent Effects in Asymmetric Catalysis through NMR and Kinetic Analysis. <i>Organic Letters</i> , 2006, 8, 3895-3898.	2.4	13
264	Conformational analysis of 2,3-dialkoxy-1,4-dioxanes. <i>Tetrahedron</i> , 1983, 39, 3959-3963.	1.0	12
265	A Convenient Procedure for the Synthesis of Propargyl Ethers Derived from Secondary Alcohols. <i>Synthesis</i> , 1988, 1988, 707-709.	1.2	12
266	Efficient synthesis of chiral acetylene dithioethers in enantiomerically pure form. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1575-1580.	1.8	12
267	Cross-coupling of a functionalized highly pyramidalized alkene: DSC and NMR study of the [2+2] retrocycloaddition of cyclobutane cross products, hyperstability and pyramidalization of the formed dienes. <i>Tetrahedron</i> , 2001, 57, 8511-8520.	1.0	12
268	Synthesis, Application and Kinetic Studies of Chiral Phosphite-Oxazoline Palladium Complexes as Active and Selective Catalysts in Intermolecular Heck Reactions. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1650-1664.	2.1	12
269	Indene Derived Phosphorus-Thioether Ligands for the Ir-Catalyzed Asymmetric Hydrogenation of Olefins with Diverse Substitution Patterns and Different Functional Groups. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4561-4574.	2.1	12
270	A MINDO/3 study on the mono-electronic reduction of carbon monoxide. <i>Computational and Theoretical Chemistry</i> , 1983, 105, 91-97.	1.5	11

#	ARTICLE	IF	CITATIONS
271	Chiral (E,E)-1,4-dialkoxy-1,3-butadienes. 1. Stereoselective synthesis. Tetrahedron Letters, 1997, 38, 6921-6924.	0.7	11
272	Enantioselective synthesis of N-Boc-2,2-dimethyloxazolidine-5-carbaldehydes, versatile precursors of dipeptide isosteres. Tetrahedron Letters, 1998, 39, 1233-1236.	0.7	11
273	A highly active organocatalyst for the asymmetric $\hat{\pm}$ -aminooxylation of aldehydes and $\hat{\pm}$ -hydroxylation of ketones. RSC Advances, 2012, 2, 6164.	1.7	11
274	Non-covalent Immobilization of Rare Earth Heterobimetallic Frameworks and their Reactivity in an Asymmetric Michael Addition. Advanced Synthesis and Catalysis, 2014, 356, 1243-1254.	2.1	11
275	A Bis(Triazolecarboxamido) Ligand for Enantio- and Regioselective Molybdenum-catalyzed Asymmetric Allylic Alkylation Reactions. Advanced Synthesis and Catalysis, 2014, 356, 711-717.	2.1	11
276	Development of <i>C₂</i> -Symmetric Chiral Bifunctional Triamines: Synthesis and Application in Asymmetric Organocatalysis. Organic Letters, 2018, 20, 4806-4810.	2.4	11
277	Continuous Flow Preparation of Enantiomerically Pure BINOL(s) by Acylative Kinetic Resolution. Advanced Synthesis and Catalysis, 2020, 362, 1370-1377.	2.1	11
278	Catalytic Ring-Opening Copolymerization of Fatty Acid Epoxides: Access to Functional Biopolyesters. Macromolecules, 2022, 55, 2566-2573.	2.2	11
279	Acetylene diethers. Tetrahedron, 1982, 38, 1505-1508.	1.0	10
280	Can N-acylazetones ever be obtained? The reaction between di- <i>t</i> -butoxyethyne and benzoyl isocyanate leading to 2-phenyl-4,5-di- <i>t</i> -butoxy-1,3-oxazin-6-one. Journal of the Chemical Society Perkin Transactions II, 1986, , 961-967.	0.9	10
281	A Convenient Laboratory Preparation of Propargylthiol and Its Derivatives. Synthesis, 1997, 1997, 518-520.	1.2	10
282	Enantioselective Synthesis of erythro- $\hat{\pm}$ -Hydroxyglutamic Acid. Synthetic Communications, 2005, 35, 289-297.	1.1	10
283	Origin of enantioselectivity in asymmetric Pauson-Khand reactions catalyzed by [(BINAP)Co ₂ (CO) ₆] ⁺ . Journal of Molecular Catalysis A, 2010, 324, 127-132.	4.8	10
284	Potassium fluoride: A convenient, non-covalent support for the immobilization of organocatalysts through strong hydrogen bonds. Journal of Catalysis, 2013, 305, 169-178.	3.1	10
285	Assessing the Role of Site Isolation and Compartmentalization in Packed-Bed Flow Reactors for Processes Involving Wolf-and-Lamb Scenarios. ACS Catalysis, 2021, 11, 6234-6242.	5.5	10
286	Development of a robust immobilized organocatalyst for the redox-neutral Mitsunobu reaction. Green Chemistry, 2021, 23, 8859-8864.	4.6	10
287	Continuous organocatalytic flow synthesis of 2-substituted oxazolidinones using carbon dioxide. Green Chemistry, 0, , .	4.6	10
288	MNDO-Cl theoretical study of [2 + 2] cycloaddition of cyclopentyne with ethylene. Journal of the Chemical Society Perkin Transactions II, 1986, , 613-617.	0.9	9

#	ARTICLE	IF	CITATIONS
289	Generation and reactions of new ether and acetal functionalized tricyclo[3.3.0.0 ^{3,7}]oct-1(5)-ene derivatives. DSC and NMR studies on the [2+2] retrocycloaddition of several cyclobutane dimers. <i>Tetrahedron</i> , 2007, 63, 4669-4679.	1.0	9
290	A Fluorous Proline Organocatalyst with Acetone-Dependent Aldolase Behavior. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6254-6258.	1.2	9
291	Calcium carbonate as heterogeneous support for recyclable organocatalysts. <i>Journal of Catalysis</i> , 2021, 393, 107-115.	3.1	9
292	Experimental and theoretical studies on the diastereoselective diels-alder reactions of chiral 1-alkoxy-1,3-butadienes. I: Parent system and 4-substituted derivatives. <i>Tetrahedron</i> , 1997, 53, 13427-13448.	1.0	8
293	A Convenient Stereoselective Synthesis of (1R,2S,3R,4S)-3-(Neopentyloxy)isoborneol. <i>Helvetica Chimica Acta</i> , 1998, 81, 78-84.	1.0	8
294	Modular optimization of enantiopure epoxide-derived P,S-ligands for rhodium-catalyzed hydrogenation of dehydroamino acids. <i>Tetrahedron</i> , 2011, 67, 4161-4168.	1.0	8
295	Conformational analysis of -2,3-diaryloxy-1,4-dioxanes. A tool for discriminating between steric and electronic effects in the position of. <i>Tetrahedron</i> , 1985, 41, 3785-3789.	1.0	7
296	An enantioselective entry to linear, C ₂ -symmetrical and pseudosymmetrical 1,6-diamino-2,5-diols. <i>Tetrahedron Letters</i> , 1999, 40, 3917-3920.	0.7	7
297	Direct Copper(I)-Catalyzed Cycloaddition of Organic Azides with TMS-Protected Alkynes. <i>Synlett</i> , 2010, 2010, 1873-1877.	1.0	7
298	Work-Up-Free Deprotection of Borane Complexes of Phosphines, Phosphites, and Phosphinites with Polymer-Supported Amines. <i>Synlett</i> , 2006, 2006, 2585-2588.	1.0	6
299	Two Distinct Conformations of GABA Locked by Embedding in the Bicyclo[3.1.0]hexane Core Structure. <i>ChemMedChem</i> , 2011, 6, 1792-1795.	1.6	6
300	Di-platinum complexes containing thiolato-urea ligands: structural and anion binding studies. <i>Dalton Transactions</i> , 2009, , 2974.	1.6	5
301	Clickable complexing agents: functional crown ethers for immobilisation onto polymers and magnetic nanoparticles. <i>RSC Advances</i> , 2015, 5, 87352-87363.	1.7	5
302	Separating Enthalpic, Configurational, and Solvation Entropic Components in Host-Guest Binding: Application to Cucurbit[7]uril Complexes through a Full <i>In Silico</i> Approach via Water Nanodroplets. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10486-10499.	1.2	5
303	Tricyclic Triazoles as μ -Receptor Antagonists for Treating Pain. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5157-5170.	2.9	5
304	The Dual Effect of Coordinating $\hat{\nu}$ NH Groups and Light in the Electrochemical CO ₂ Reduction with Pyridylamino Co Complexes. <i>ChemElectroChem</i> , 0, , .	1.7	5
305	Chiral (E,E)-1,4-dialkoxy-1,3-butadienes. 2. Conformational studies and Diels-Alder reactions with symmetric dienophiles. <i>Tetrahedron</i> , 1999, 55, 3959-3986.	1.0	4
306	A site isolation-enabled organocatalytic approach to enantiopure \hat{I}^3 -amino alcohol drugs. <i>Tetrahedron</i> , 2018, 74, 3943-3946.	1.0	4

#	ARTICLE	IF	CITATIONS
307	Model theoretical study of 2 + 2 cycloadditions of dialkoxyethynes with heterocumulenes. Journal of the Chemical Society Perkin Transactions II, 1987, , 151-158.	0.9	3
308	Small-ring cyclic alkynes: ab initio molecular orbital study of 1,4-dioxacyclohexyne (p-dioxyne). Journal of the American Chemical Society, 1987, 109, 5600-5605.	6.6	3
309	Conformational behaviour of trans-2,3-bis(r-thio)-1,4-dioxanes. Tetrahedron Letters, 1990, 31, 2755-2758.	0.7	3
310	Reusable shuttles for exchangeable functional cargos: Reversibly assembled, magnetically powered organocatalysts for asymmetric aldol reactions. Tetrahedron, 2019, 75, 130592.	1.0	3
311	Heterogeneous Olefin Aziridination Reactions Catalyzed by Polymer-Bound Tris(triazolyl)methane Copper Complexes. European Journal of Inorganic Chemistry, 2021, 2021, 3727-3730.	1.0	3
312	An automated microfluidic platform for the screening and characterization of novel hepatitis B virus capsid assembly modulators. Analytical Methods, 2022, 14, 135-146.	1.3	3
313	Accelerating the Photocatalytic Atom Transfer Radical Addition Reaction Induced by Bi ₂ O ₃ with Amines: Experiment and Computation. ChemCatChem, 2022, 14, .	1.8	3
314	Assessing the Recyclability of Supramolecularly Assembled Organocatalytic Species: A Theoretical Insight. Israel Journal of Chemistry, 2020, 60, 475-484.	1.0	2
315	Organocatalysis in Continuous Flow for Drug Discovery. Topics in Medicinal Chemistry, 2021, , 241-274.	0.4	2
316	Stereochemical assignment of 2-amino-1,2,3,4-tetrahydro-1-naphthalenols via oxazolidin-2-one derivatives. Canadian Journal of Chemistry, 1987, 65, 868-872.	0.6	1
317	Highly Enantioselective Dynamic Kinetic Resolution and Desymmetrization Processes by Cyclocondensation of Chiral Aminoalcohols with Racemic or Prochiral Î-Oxoacid Derivatives.. ChemInform, 2005, 36, no.	0.1	1
318	Toward the Understanding of Mechanism and Enantioselectivity of the Pauson-Khand Reaction: Theoretical and Experimental Studies. ChemInform, 2002, 33, 270-270.	0.1	1
319	Concentration Effect in the Asymmetric Michael Addition of Acetone to Î ² -Nitrostyrenes Catalyzed by Primary Amine Thioureas. Synthesis, 2016, 49, 319-325.	1.2	1
320	Structure of trans-1,4,5,8-tetrathiadecalin (hexahydro-1,4-dithiino-[2,3-b]-1,4-dithiin). Acta Crystallographica Section C: Crystal Structure Communications, 1987, 43, 1976-1978.	0.4	0
321	Ring-Closing Metathesis of Chiral Allylamines. Enantioselective Synthesis of (2S,3R,4S)-3,4-Dihydroxyproline.. ChemInform, 2003, 34, no.	0.1	0
322	Modular Amino Alcohol Ligands Containing Bulky Alkyl Groups as Chiral Controllers for Et ₂ Zn Addition to Aldehydes: Illustration of a Design Principle.. ChemInform, 2003, 34, no.	0.1	0
323	Synthesis of Enantiopure Amino Alcohols by Ring-Opening of Epoxyalcohols and Epoxyethers with Ammonia.. ChemInform, 2004, 35, no.	0.1	0
324	2-Piperidino-1,1,2-triphenylethanol: A Highly Effective Catalyst for the Enantioselective Arylation of Aldehydes.. ChemInform, 2004, 35, no.	0.1	0

#	ARTICLE	IF	CITATIONS
325	Stereoselectivity in the Intermolecular Pauson-Khand Reaction of Electron-Deficient Terminal Alkynes.. ChemInform, 2004, 35, no.	0.1	0
326	Enantioselective Addition of Dimethylzinc to Aldehydes: Assessment of Optimal N,N-Substitution for 2-Dialkylamino-1,1,2-triphenylethanol Ligands.. ChemInform, 2004, 35, no.	0.1	0
327	Boron Trifluoride Induced Reactions of Phenylglycidyl Ethers: A Convenient Synthesis of Enantiopure, Stereodefined Fluorohydrins.. ChemInform, 2004, 35, no.	0.1	0
328	Polystyrene-Supported (R)-2-Piperazino-1,1,2-triphenylethanol: A Readily Available Supported Ligand with Unparalleled Catalytic Activity and Enantioselectivity.. ChemInform, 2005, 36, no.	0.1	0
329	(S)-2-[(R)-Fluoro(phenyl)methyl]oxirane: A General Reagent for Determining the e.e. of $\hat{\pm}$ -Chiral Amines.. ChemInform, 2006, 37, no.	0.1	0
330	Synthesis of Heavily Substituted 1,2-Amino Alcohols in Enantiomerically Pure Form.. ChemInform, 2006, 37, no.	0.1	0
331	Addition of Diethylzinc to Dicobalt Hexacarbonyl Complexes of $\hat{\pm}$, $\hat{1}^2$ -Acetylenic Aldehydes with Virtually Complete Enantioselectivity. A Formal Synthesis of (+)- $\hat{\epsilon}$ -crustoporin.. ChemInform, 2002, 33, 77-77.	0.1	0
332	ICIQ: A 15-Year Journey. European Journal of Inorganic Chemistry, 2018, 2018, 3357-3360.	1.0	0