

Gonzalo Blay

List of Publications by Year in descending order

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87843

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all docs

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docs citations

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times ranked

3492
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#	ARTICLE	IF	CITATIONS
1	Metal-Free Diastereo- and Enantioselective Dearomative Formal [3 + 2] Cycloaddition of 2-Nitrobenzofurans and Isocyanoacetate Esters. <i>Organic Letters</i> , 2022, 24, 2149-2154.	2.4	7
2	Catalytic Diastereo- and Enantioselective Synthesis of Tertiary Trifluoromethyl Carbinols through a Vinylogous Aldol Reaction of Alkylidenepyrazolones with Trifluoromethyl Ketones. <i>Journal of Organic Chemistry</i> , 2022, 87, 4538-4549.	1.7	4
3	Catalytic Enantioselective Cyclopropylalkynylation of Aldimines Generated In Situ from $\hat{I}\pm$ -Amido Sulfones. <i>Molecules</i> , 2022, 27, 3763.	1.7	1
4	Radical Addition of Dihydroquinoxalin-2-ones to Trifluoromethyl Ketones under Visible-Light Photoredox Catalysis. <i>Journal of Organic Chemistry</i> , 2022, 87, 9343-9356.	1.7	7
5	Recent Advances in Catalytic Enantioselective Synthesis of Pyrazolones with a Tetrasubstituted Stereogenic Center at the 4-Position. <i>Synthesis</i> , 2021, 53, 215-237.	1.2	20
6	Asymmetric Oxidative Mannich Reactions. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 602-628.	2.1	20
7	Mg/BOX complexes as efficient catalysts for the enantioselective Michael addition of malonates to \hat{I}^2 -trifluoromethyl- \hat{I}^2 -unsaturated ketones and their N-tosyl imines. <i>Tetrahedron</i> , 2021, 80, 131897.	1.0	2
8	Nitroynes as Electrophiles in Organocatalysis and their Application in the Synthesis of Chiral Heterocycles. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2255-2267.	1.2	4
9	Asymmetric Organocatalytic Synthesis of α -Spirocyclic Compounds from Isothiocyanates and Isocyanides. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2268-2284.	1.2	13
10	Catalytic Diastereo- and Enantioselective Vinylogous Mannich Reaction of Alkylidenepyrazolones to Isatin-Derived Ketimines. <i>Organic Letters</i> , 2021, 23, 7391-7395.	2.4	8
11	Enantioselective Addition of Sodium Bisulfite to Nitroalkenes. A Convenient Approach to Chiral Sulfonic Acids. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5284-5287.	1.2	4
12	Visible-light-accelerated amination of quinoxalin-2-ones and benzo[1,4]oxazin-2-ones with dialkyl azodicarboxylates under metal and photocatalyst-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6250-6255.	1.5	6
13	Enantioselective Friedel-Crafts reaction of hydroxyarenes with nitroynes to access chiral heterocycles via sequential catalysis. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6990-6994.	1.5	1
14	Copper-Catalyzed Aerobic Oxidative Alkynylation of 3,4-Dihydroquinoxalin-2-ones. <i>Synthesis</i> , 2020, 52, 544-552.	1.2	11
15	Organocatalytic Enantioselective 1,6-Michael Addition of Isoxazolinones to α -Quinone Methides. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 627-630.	1.2	33
16	Enantioselective zinc-mediated conjugate alkynylation of saccharin-derived 1-butadienes. <i>Chemical Communications</i> , 2020, 56, 9461-9464.	2.2	0
17	Organocatalytic Enantioselective Aminoalkylation of α -Aminopyrazole Derivatives with Cyclic Imines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 7450-7454.	1.2	11
18	Recent Advances in Photocatalytic Functionalization of Quinoxalinones. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6148-6172.	1.2	70

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19	Enantioselective Synthesis of Functionalized Diazaspirocycles from 4- <i>H</i> -Benzylideneisoxazol-5- <i>H</i> -Derivatives and Isocyanoacetate Esters. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3564-3569.	2.1	22
20	Three-Component Synthesis of β -Aminoperoxides Using Primary and Secondary Dialkylzinc Reagents with α,β - and β -Amido Sulfones. <i>Organic Letters</i> , 2020, 22, 5380-5384.	2.4	4
21	Photocatalytic Giese Addition of 1,4-Dihydroquinoxalin-2-ones to Electron-Poor Alkenes Using Visible Light. <i>Organic Letters</i> , 2020, 22, 8012-8017.	2.4	15
22	Squaramide-Catalyzed Enantioselective Michael Addition of Pyrazol-3-ones to ortho-Quinone Methides. <i>Letters in Organic Chemistry</i> , 2020, 17, 837-844.	0.2	2
23	A Combination of Visible-Light Organophotoredox Catalysis and Asymmetric Organocatalysis for the Enantioselective Mannich Reaction of Dihydroquinoxalinones with Ketones. <i>Organic Letters</i> , 2019, 21, 6011-6015.	2.4	43
24	Asymmetric diastereodivergent Michael addition of 2-chloromalonate esters to conjugated imines enabled by catalyst metal change. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2907-2915.	2.3	6
25	Organocatalytic enantioselective functionalization of indoles in the carbocyclic ring with cyclic imines. <i>New Journal of Chemistry</i> , 2019, 43, 130-134.	1.4	21
26	Catalytic Diastereo- and Enantioselective Synthesis of 2-Imidazolinones. <i>Organic Letters</i> , 2019, 21, 4063-4066.	2.4	17
27	Regio-, Diastereo-, and Enantioselective Organocatalytic Addition of 4-Substituted Pyrazolones to Isatin-Derived Nitroalkenes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3040-3044.	1.2	9
28	Regio- and Stereoselective Synthesis of 3-Pyrazolidene-2-oxindole Compounds by Nucleophilic Vinylic Substitution of (<i>E</i>)- β -(Nitromethylene)indolin-2-one. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1902-1907.	2.1	11
29	Organocatalytic enantioselective aminoalkylation of pyrazol-3-ones with aldimines generated <i>in situ</i> from β -amido sulfones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9859-9863.	1.5	10
30	Enantioselective Synthesis of 5-Trifluoromethyl-2-oxazolines under Dual Silver/Organocatalysis. <i>Journal of Organic Chemistry</i> , 2019, 84, 314-325.	1.7	26
31	Enantioselective synthesis of chiral oxazolines from unactivated ketones and isocyanoacetate esters by synergistic silver/organocatalysis. <i>Chemical Communications</i> , 2018, 54, 2862-2865.	2.2	20
32	Lanthanum-pyBOX complexes as catalysts for the enantioselective conjugate addition of malonate esters to β,β -unsaturated β -ketimino esters. <i>Journal of Coordination Chemistry</i> , 2018, 71, 864-873.	0.8	3
33	Organocatalytic Enantioselective Functionalization of Hydroxyquinolines through an Aza-Friedel-Crafts Alkylation with Isatin-derived Ketimines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 859-864.	2.1	15
34	9,10-Phenanthrene-1,10-dione as Visible-Light Photoredox Catalyst: A Green Methodology for the Functionalization of 3,4-Dihydro-1,4-Benzoxazin-2-Ones through a Friedel-Crafts Reaction. <i>Catalysts</i> , 2018, 8, 653.	1.6	15
35	Enantioselective Synthesis of 2-Amino-1,1-diarylalkanes Bearing a Carbocyclic Ring Substituted Indole through Asymmetric Catalytic Reaction of Hydroxyindoles with Nitroalkenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 6397-6407.	1.7	21
36	Conjugate Alkynylation of Electrophilic Double Bonds. From Regioselectivity to Enantioselectivity. <i>Synthesis</i> , 2018, 50, 3281-3306.	1.2	15

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37	Organocatalytic Enantioselective Strecker Reaction with Seven-Membered Cyclic Imines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3662-3666.	2.1	15
38	Hydroxy-Directed Enantioselective Hydroxyalkylation in the Carbocyclic Ring of Indoles. <i>Organic Letters</i> , 2017, 19, 1546-1549.	2.4	45
39	Copper-catalysed enantioselective Michael addition of malonic esters to β -trifluoromethyl- α -unsaturated imines. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3849-3853.	1.5	13
40	Catalytic Asymmetric Formal [3+2] Cycloaddition of α -Isocyanatomalonate Esters and Unsaturated Imines: Synthesis of Highly Substituted Chiral β -Lactams. <i>Chemistry - A European Journal</i> , 2017, 23, 14707-14711.	1.7	12
41	Catalytic Enantioselective Addition of Me_2Zn to Isatins. <i>Catalysts</i> , 2017, 7, 387.	1.6	3
42	Organocatalytic Enantioselective Alkylation of Pyrazolones with Isatin-Derived Ketimines: Stereocontrolled Construction of Vicinal Tetrasubstituted Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1583-1588.	2.1	52
43	Catalytic Enantioselective Conjugate Alkynylation of α -Unsaturated 1,1,1-trifluoromethyl Ketones with Terminal Alkynes. <i>Chemistry - A European Journal</i> , 2016, 22, 10057-10064.	1.7	17
44	Catalytic Enantioselective Friedel-Crafts Reactions of Naphthols and Electron-Rich Phenols. <i>Synthesis</i> , 2016, 48, 2151-2164.	1.2	46
45	Catalytic Enantioselective Conjugate Alkynylation of α -Aryl- α -trifluoromethyl Enones Constructing Propargylic All-Carbon Quaternary Stereogenic Centers. <i>Organic Letters</i> , 2016, 18, 3538-3541.	2.4	49
46	Organocatalytic Enantioselective Synthesis of α -Hydroxyketones through a Friedel-Crafts Reaction of Naphthols and Activated Phenols with Aryl- and Alkylglyoxal Hydrates. <i>Organic Letters</i> , 2016, 18, 5652-5655.	2.4	22
47	Organocatalytic Enantioselective Synthesis of Pyrazoles Bearing a Quaternary Stereocenter. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1532-1536.	1.7	33
48	Organocatalytic Enantioselective Friedel-Crafts Aminoalkylation of Indoles in the Carbocyclic Ring. <i>ACS Catalysis</i> , 2016, 6, 2689-2693.	5.5	70
49	E,Z-Stereodivergent synthesis of N-tosyl α -dehydroamino esters via a Mukaiyama-Michael addition. <i>RSC Advances</i> , 2016, 6, 15655-15659.	1.7	9
50	Aza-Henry Reaction of Isatin Ketimines with Methyl 4-Nitrobutyrate en Route to Spiro[piperidine- β -oxindoles]. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3857-3862.	2.1	26
51	Organocatalytic Enantioselective Friedel-Crafts Alkylation of 1-Naphthol Derivatives and Activated Phenols with Ethyl Trifluoropyruvate. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3047-3051.	2.1	29
52	Organocatalytic Asymmetric Addition of Naphthols and Electron-Rich Phenols to Isatin-Derived Ketimines: Highly Enantioselective Construction of Tetrasubstituted Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6320-6324.	7.2	127
53	Efficient Synthesis of α -Chalcogenyl- β -oxazinones by Chalcogen-Mediated Yne-Carbamate Cyclisation: An Experimental and Theoretical Study. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1020-1027.	1.2	16
54	Organocatalytic enantioselective aza-Friedel-Crafts reaction of 2-naphthols with benzoxathiazine 2,2-dioxides. <i>RSC Advances</i> , 2015, 5, 60101-60105.	1.7	37

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55	Highly enantioselective copper-catalyzed conjugate addition of 1,3-diyne to $\hat{1},\hat{2}$ -unsaturated trifluoromethyl ketones. <i>Chemical Communications</i> , 2015, 51, 8958-8961.	2.2	24
56	Synthesis and application of new iminopyridine ligands in the enantioselective palladium-catalyzed allylic alkylation. <i>Journal of Molecular Catalysis A</i> , 2014, 385, 73-77.	4.8	9
57	Highly Enantioselective Copper(I)-Catalyzed Conjugate Addition of Terminal Alkynes to 1,1-Difluoro-(phenylsulfonyl)-enones: New Ester/Amide Surrogates in Asymmetric Catalysis. <i>Chemistry - A European Journal</i> , 2014, 20, 668-672.		25
58	Catalytic asymmetric conjugate addition of terminal alkynes to $\hat{1},\hat{2}$ -trifluoromethyl $\hat{1},\hat{2}$ -enones. <i>Chemical Communications</i> , 2014, 50, 2275-2278.	2.2	58
59	Highly enantioselective aza-Henry reaction with isatin <i>N</i> -Boc ketimines. <i>Chemical Communications</i> , 2014, 50, 9309-9312.	2.2	76
60	Enantioselective Addition of Nitromethane to 2-Acylpyridine N-Oxides. Expanding the Generation of Quaternary Stereocenters with the Henry Reaction. <i>Organic Letters</i> , 2014, 16, 1204-1207.	2.4	35
61	Asymmetric Conjugate Addition of Malonate Esters to $\hat{1},\hat{2}$ -Unsaturated <i>N</i> -Sulfonyl Imines: An Expedient Route to Chiral $\hat{1}$ -Aminoesters and Piperidones. <i>Chemistry - A European Journal</i> , 2013, 19, 14861-14866.	1.7	27
62	Synthesis of Densely Functionalised 5-Halogen-3-oxazinones by Halogen-Mediated Regioselective Cyclisation of <i>N</i> -Cbz-Protected Propargylic Amines: A Combined Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2013, 19, 14852-14860.	1.7	24
63	Enantioselective Friedel-Crafts Alkylation of Indoles with <i>N</i> -Aryl- <i>N</i> -benzyloxybut-2-enones Catalyzed by an <i>R</i> -3,3'- <i>Br</i> -BINOLate-Hafnium(IV) Complex. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1902-1907.	1.2	10
64	Enantioselective La^{III} -pyBOX-Catalyzed Nitro-Michael Addition to <i>N</i> -Azachalcones. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1696-1705.	1.2	40
65	Enantioselective Synthesis of $\hat{4}$ -Substituted Dihydrocoumarins through a Zinc Bis(hydroxyamide)-Catalyzed Conjugate Addition of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1071-1076.	2.1	42
66	Leaving Group and Regioselectivity Switches in the Aminoalkylation Reaction of Indoles and Related Heterocycles with $\hat{1},\hat{2}$ -Amido Sulfones. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3885-3895.	1.2	12
67	Enantioselective Zinc-Mediated Conjugate Addition of Terminal Alkynes to Enones. <i>Chemistry - A European Journal</i> , 2012, 18, 12966-12969.	1.7	39
68	NMR Spectroscopic Characterization and DFT Calculations of Zirconium(IV)-3,3'- <i>Br</i> -BINOLate and Related Complexes Used in an Enantioselective Friedel-Crafts Alkylation of Indoles with $\hat{1},\hat{2}$ -Unsaturated Ketones. <i>Journal of Organic Chemistry</i> , 2012, 77, 10545-10556.	1.7	13
69	Enantioselective Synthesis of Substituted Indoles Through Zirconium(IV)-Catalyzed Friedel-Crafts Alkylation. <i>Synthesis</i> , 2012, 44, 3590-3594.	1.2	7
70	Enantioselective copper-aminopyridine-catalyzed aza-Henry reaction with chelating <i>N</i> -(2-pyridyl)sulfonyl imines. <i>Chirality</i> , 2012, 24, 441-450.	1.3	12
71	Enantioselective addition of terminal alkynes to <i>N</i> -(diphenylphosphinoyl)imines catalyzed by Zn-BINOL complexes. <i>Tetrahedron</i> , 2012, 68, 2128-2134.	1.0	21
72	Enantioselective Zinc/BINOL-Catalysed Alkynylation of Aldimines Generated in Situ from $\hat{1},\hat{2}$ -Amido Sulfones. <i>Chemistry - A European Journal</i> , 2012, 18, 2440-2444.	1.7	29

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73	Enantioselective Synthesis of Tertiary Alcohols through a Zirconium-Catalyzed Friedel-Crafts Alkylation of Pyrroles with α -Ketoesters. <i>Journal of Organic Chemistry</i> , 2011, 76, 6286-6294.	1.7	34
74	Highly Enantioselective Nitrone Cycloadditions with 2-Alkenoyl Pyridine N-Oxides Catalyzed by Cu(II)-BOX Complexes. <i>Organic Letters</i> , 2011, 13, 402-405.	2.4	49
75	The Construction of Quaternary Stereocenters by the Henry Reaction: Circumventing the Usual Reactivity of Substituted Glyoxals. <i>Chemistry - A European Journal</i> , 2011, 17, 3768-3773.	1.7	30
76	(S)-Mandelic acid enolate as a chiral benzoyl anion equivalent for the enantioselective synthesis of non-symmetrically substituted benzoin. <i>Tetrahedron</i> , 2011, 67, 881-890.	1.0	8
77	Exo-Selective Asymmetric Inverse-Electron Demand Hetero-Diels-Alder Reaction Catalyzed by Cu(II)-Hydroxy Oxazoline Ligands. <i>Synlett</i> , 2011, 2011, 1592-1596.	1.0	5
78	Development of New N,N-Ligands for the Enantioselective Copper(II)-Catalyzed Henry Reaction. <i>Synlett</i> , 2011, 2011, 1195-1211.	1.0	57
79	Synthesis of Functionalized Indoles with a Trifluoromethyl-Substituted Stereogenic Tertiary Carbon Atom Through an Enantioselective Friedel-Crafts Alkylation with α -trifluoromethyl- β -ketoenones. <i>Chemistry - A European Journal</i> , 2010, 16, 9117-9122.	1.7	68
80	Synthesis of (S)-(+)-sotalol and (R)-(-)-isoproterenol via a catalytic enantioselective Henry reaction. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 578-581.	1.8	45
81	Enantioselective Henry Addition of Methyl 4-Nitrobutyrate to Aldehydes. <i>Chiral Building Blocks for 2-Pyrrolidinones and Other Derivatives</i> . <i>Organic Letters</i> , 2010, 12, 3058-3061.	2.4	63
82	Topological control in the hydrogen bond-directed self-assembly of ortho-, meta-, and para-phenylene-substituted dioxamic acid diethyl esters. <i>CrystEngComm</i> , 2010, 12, 2473.	1.3	17
83	Highly Enantio- and Diastereoselective Inverse Electron Demand Hetero-Diels-Alder Reaction using 2-Alkenoylpyridine N-Oxides as Oxo-Heterodienes. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 107-111.	2.1	42
84	Synthesis of Functionalized Indoles with an α -Stereogenic Ketone Moiety Through an Enantioselective Friedel-Crafts Alkylation with α -diaryl- β -butene- γ -diones. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2433-2440.	2.1	30
85	Indirect regioselective heteroarylation of indoles through a Friedel-Crafts reaction with (E)-1,4-diaryl-2-buten-1,4-diones. <i>Tetrahedron</i> , 2009, 65, 9264-9270.	1.0	13
86	Enantioselective Zirconium-Catalyzed Friedel-Crafts Alkylation of Pyrrole with Trifluoromethyl Ketones. <i>Organic Letters</i> , 2009, 11, 441-444.	2.4	73
87	Catalytic enantioselective addition of terminal alkynes to aromatic aldehydes using zinc-hydroxyamide complexes. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4301.	1.5	33
88	Recent Developments in Asymmetric Alkynylation of Imines. <i>Current Organic Chemistry</i> , 2009, 13, 1498-1539.	0.9	99
89	New Highly Asymmetric Henry Reaction Catalyzed by Cu(II) and a Chiral Symmetric Aminopyridine Ligand, and Its Application to the Synthesis of Miconazole. <i>Chemistry - A European Journal</i> , 2008, 14, 4725-4730.	1.7	177
90	Highly Enantioselective Zinc/Binolate-Catalyzed Alkynylation of α -Sulfonyl Aldimines. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5593-5596.	7.2	69

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91	Copper(II)-Bis(oxazoline) Catalyzed Asymmetric Diels-Alder Reaction with β -Arylsulfonyl Enones as Dienophiles. <i>Journal of Organic Chemistry</i> , 2008, 73, 6389-6392.	1.7	18
92	Enantioselective addition of nitromethane to α -keto esters catalyzed by copper(II)-iminopyridine complexes. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 468-476.	1.5	48
93	A catalytic highly enantioselective direct synthesis of 2-bromo-2-nitroalkanol-1-ols through a Henry reaction. <i>Chemical Communications</i> , 2008, , 4840.	2.2	52
94	Synthesis of Sesquiterpenes via Silicon-Guided Rearrangement of Epoxydecalins. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.2	1
95	New Chiral Hydroxyoxazolines Based on Ketopinic Acid and Their Use in the Asymmetric Diels-Alder Reaction. <i>Synlett</i> , 2007, 2007, 2659-2662.	1.0	2
96	Enantioselective Addition of Dimethylzinc to α -Keto Esters. <i>Synthesis</i> , 2007, 2007, 3754-3757.	1.2	2
97	Cobalt(III) Complex Catalyzed Aerobic Oxidation of Propargylic Alcohols. <i>Synthesis</i> , 2007, 2007, 3329-3332.	1.2	4
98	Enantioselective Synthesis of (S)-3-Hydroxy-3-phenyl-3,4-dihydroquinolin-2(1H)-one Ring System. <i>Synthesis</i> , 2007, 2007, 108-112.	1.2	0
99	Highly Enantioselective Friedel-Crafts Alkylations of Indoles with Simple Enones Catalyzed by Zirconium(IV)-BINOL Complexes. <i>Organic Letters</i> , 2007, 9, 2601-2604.	2.4	123
100	2-Alkenoyl Pyridine N-Oxides, Highly Efficient Dienophiles for the Enantioselective Cu(II)-Bis(oxazoline) Catalyzed Diels-Alder Reaction. <i>Organic Letters</i> , 2007, 9, 1983-1986.	2.4	62
101	Synthesis of (+)-pechueloic acid and (+)-aciphyllene. Revision of the structure of (+)-aciphyllene. <i>Tetrahedron</i> , 2007, 63, 9621-9626.	1.0	25
102	Enantioselective Henry reaction catalyzed with copper(II)-iminopyridine complexes. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1603-1612.	1.8	91
103	Catalytic enantioselective Friedel-Crafts alkylation at the 2-position of indole with simple enones. <i>Tetrahedron Letters</i> , 2007, 48, 6731-6734.	0.7	51
104	Tailoring the ligand structure to the reagent in the mandelamide-Ti(IV) catalyzed enantioselective addition of dimethyl- and diethylzinc to aldehydes. <i>Journal of Molecular Catalysis A</i> , 2007, 276, 235-243.	4.8	22
105	Rearrangement of 4,5-Epoxy-9-trimethylsilyldecalines. Application to the Synthesis of the Natural Eremophilane (β)-Aristolochene. <i>Journal of Organic Chemistry</i> , 2006, 71, 4929-4936.	1.7	24
106	Mandelamide-Zinc-Catalyzed Enantioselective Alkyne Addition to Heteroaromatic Aldehydes#. <i>Journal of Organic Chemistry</i> , 2006, 71, 6674-6677.	1.7	41
107	A Bioinspired Approach to Tri-nor-guaianes. Synthesis of (β)-Clavukerin A. <i>Journal of Natural Products</i> , 2006, 69, 1234-1236.	1.5	12
108	Syntheses of (+)-Alismoxide and (+)-4-epi-Alismoxide. <i>Journal of Organic Chemistry</i> , 2006, 71, 7866-7869.	1.7	22

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109	Catalytic Asymmetric Addition of Dimethylzinc to $\hat{\pm}$ -Ketoesters, Using Mandelamides as Ligands. <i>Organic Letters</i> , 2006, 8, 1287-1290.	2.4	51
110	Chemistry and reactivity of mononuclear manganese oxamate complexes: Oxidative carbon-carbon bond cleavage of vic-diols by dioxygen and aldehydes catalyzed by a trans-dipyridine manganese(III) complex with a tetradentate o-phenylenedioxamate ligand. <i>Journal of Molecular Catalysis A</i> , 2006, 243, 214-220.	4.8	31
111	Chemistry and reactivity of dinuclear manganese oxamate complexes: Aerobic catechol oxidation catalyzed by high-valent bis(oxo)-bridged dimanganese(IV) complexes with a homologous series of binucleating 4,5-disubstituted-o-phenylenedioxamate ligands. <i>Journal of Molecular Catalysis A</i> , 2006, 250, 20-26.	4.8	44
112	Diastereoselective Michael addition of (S)-mandelic acid enolate to 2-arylidene-1,3-diketones: enantioselective diversity-oriented synthesis of densely substituted pyrazoles. <i>Tetrahedron</i> , 2006, 62, 8069-8076.	1.0	16
113	Enantioselective synthesis of 2-substituted-1,4-diketones from (S)-mandelic acid enolate and $\hat{\pm}$, $\hat{1}^2$ -enones. <i>Tetrahedron</i> , 2006, 62, 9174-9182.	1.0	21
114	Modular iminopyridine ligands. Application to the enantioselective copper(II)-catalyzed Henry reaction. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2046-2049.	1.8	75
115	Bis(oxazoline) Lewis Acid Catalyzed Aldol Reactions of PyridineN-Oxide Aldehydes-Synthesis of Optically Active 2-(1-Hydroxyalkyl)pyridine Derivatives: Development, Scope, and Total Synthesis of an Indolizine Alkaloid. <i>Chemistry - A European Journal</i> , 2006, 12, 3472-3483.	1.7	64
116	Enantioselective addition of dimethylzinc to aldehydes catalyzed by N-substituted mandelamide-Ti(IV) complexes. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1953-1958.	1.8	45
117	Silicon guided rearrangement of epoxydecalines to spirocyclic compounds. Synthesis of gleenol and axenol from carvone. <i>Tetrahedron</i> , 2005, 61, 10853-10860.	1.0	16
118	Synthesis of all 7 $\hat{\pm}$ H-guaia-4,11-dien-3-one diastereomers from (+)-dihydrocarvone. <i>Tetrahedron</i> , 2005, 61, 11156-11162.	1.0	10
119	Highly Diastereoselective Arylation of (S)-Mandelic Acid Enolate: Enantioselective Synthesis of Substituted (R)-3-Hydroxy-3-phenyloxindoles and (R)-Benzylic Acids and Synthesis of Nitrobenzophenones.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
120	Enantioselective Synthesis of Unsymmetrical Benzoin from (S)-Mandelic Acid Enolate and Aromatic Aldehydes.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
121	Novel 2-Pyrone Synthesis via Michael Addition of Mandelic Acid Enolate to trans-1,2-Diaroylethenes.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
122	Chiral Bis(amino alcohol)oxalamides as Ligands for Asymmetric Catalysis. Ti(IV) Catalyzed Enantioselective Addition of Diethylzinc to Aldehydes.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
123	Enantioselective Addition of Dimethylzinc to Aldehydes Catalyzed by N-Substituted Mandelamide-Ti(IV) Complexes.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
124	Chiral bis(amino alcohol)oxalamides as ligands for asymmetric catalysis. Ti(IV) catalyzed enantioselective addition of diethylzinc to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1207-1213.	1.8	43
125	A Convenient Procedure for the Catalytic Asymmetric 1,3-Dipolar Cycloaddition of Azomethine Ylides and Alkenes. <i>Organic Letters</i> , 2005, 7, 4569-4572.	2.4	109
126	Total Syntheses of Four Stereoisomers of 4 $\hat{\pm}$ -Hydroxy-1 $\hat{1}^2$,7 $\hat{1}^2$ -peroxy- 10 $\hat{1}^2$ H-guaia-5-ene. <i>Organic Letters</i> , 2005, 7, 3291-3294.	2.4	23

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127	Nucleophilic Benzoylation Using a Mandelic Acid Dioxolanone as a Synthetic Equivalent of the Benzoyl Carbanion. Oxidative Decarboxylation of $\hat{1}\pm$ -Hydroxyacids. <i>Molecules</i> , 2004, 9, 365-372.	1.7	3
128	Diastereoselective Michael addition of (S)-mandelic acid enolate to nitroalkenes. Enantioselective synthesis of $\hat{1}\pm$ -hydroxy- $\hat{1}\pm, \hat{1}^2$ -diaryl- $\hat{1}^3$ -lactams. <i>Tetrahedron</i> , 2004, 60, 165-170.	1.0	21
129	Diastereoselective Michael Addition of (S)-Mandelic Acid Enolate to Nitroalkenes. Enantioselective Synthesis of $\hat{1}\pm$ -Hydroxy- $\hat{1}\pm, \hat{1}^2$ -diaryl- $\hat{1}^3$ -lactams.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
130	Enantioselective synthesis of unsymmetrical benzoin from (S)-mandelic acid enolate and aromatic aldehydes. <i>Tetrahedron Letters</i> , 2004, 45, 8039-8042.	0.7	8
131	Novel 2-pyrone synthesis via Michael addition of mandelic acid enolate to trans-1,2-diaroylethenes. <i>Tetrahedron Letters</i> , 2004, 45, 8583-8586.	0.7	12
132	Synthesis of Spirovetivane Sesquiterpenes from Santonin. Synthesis of (+)-Anhydro- $\hat{1}^2$ -rotunol and All Diastereomers of 6,11-Spirovetivadiene. <i>Journal of Organic Chemistry</i> , 2004, 69, 7294-7302.	1.7	38
133	Highly Diastereoselective Arylation of (S)-Mandelic Acid Enolate: \hat{A} Enantioselective Synthesis of Substituted (R)-3-Hydroxy-3-phenyloxindoles and (R)-Benzylic Acids and Synthesis of Nitrobenzophenones#. <i>Journal of Organic Chemistry</i> , 2004, 69, 6821-6829.	1.7	32
134	A Hydrogen-Bonded Supramolecular meso-Helix. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1627-1630.	1.2	42
135	Highly Diastereoselective Michael Reaction of (S)-Mandelic Acid Enolate. Chiral Benzoyl Carbanion Equivalent Through an Oxidative Decarboxylation of $\hat{1}\pm$ -Hydroxyacids.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
136	Catalytic Aerobic Oxidative Decarboxylation of $\hat{1}\pm$ -Trifluoromethyl- $\hat{1}\pm$ -hydroxy Acids to Trifluoromethyl Ketones.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
137	Silicon-guided rearrangement of 10-methyl-4,5-epoxydecalins. Methyl versus methylene migration. <i>Tetrahedron Letters</i> , 2003, 44, 8117-8119.	0.7	7
138	Long-Range Magnetic Coupling through Extended $\hat{1}\pi$ -Conjugated Aromatic Bridges in Dinuclear Copper(II) Metallacyclophanes. <i>Journal of the American Chemical Society</i> , 2003, 125, 10770-10771.	6.6	103
139	Mandelic Acid as Synthetic Equivalent of Benzoyl Carbanion. Synthesis of Nitrobenzophenones. <i>Synlett</i> , 2003, 2003, 2325-2328.	1.0	0
140	Photochemical Rearrangements of 6/6- and 6/5-Fused Cross-Conjugated Cyclohexadienones. , 2003, , ,		0
141	Stereoselective Synthesis of (+)-11 $\hat{1}^2$ H,13-Dihydroestafiatin, (+)-11 $\hat{1}^2$ H,13-Dihydroludartin, (\hat{a}'')-Compressanolide, and (\hat{a}'')-11 $\hat{1}^2$ H,13-Dihydromicheliolide from Santonin. <i>Journal of Natural Products</i> , 2002, 65, 1703-1706.	1.5	16
142	Catalytic aerobic oxidative decarboxylation of $\hat{1}\pm$ -trifluoromethyl- $\hat{1}\pm$ -hydroxy acids to trifluoromethyl ketones. <i>Tetrahedron</i> , 2002, 58, 8565-8571.	1.0	27
143	Highly diastereoselective Michael reaction of (S)-mandelic acid enolate. Chiral benzoyl carbanion equivalent through an oxidative decarboxylation of $\hat{1}\pm$ -hydroxyacids. <i>Tetrahedron Letters</i> , 2002, 43, 8463-8466.	0.7	16
144	Alkane oxidation by a carboxylate-bridged dimanganese(III) complex. <i>Chemical Communications</i> , 2001, , 2102-2103.	2.2	50

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145	Synthesis of Plagiochiline N from Santonin. <i>Journal of Organic Chemistry</i> , 2001, 66, 7700-7705.	1.7	35
146	Nucleophilic benzoylation using lithiated methyl mandelate as a synthetic equivalent of the benzoyl carbanion. Oxidative decarboxylation of $\hat{1}\pm$ -hydroxyacids. <i>Tetrahedron</i> , 2001, 57, 1075-1081.	1.0	20
147	Ultrasound assisted reductive cleavage of eudesmane and guaiane $\hat{1}\beta$ -enonelactones. Synthesis of $\hat{1}\hat{1}\pm, 7\hat{1}\pm, 10\hat{1}\pm$ -H-guaian-4,11-dien-3-one and hydrocolorenone from santonin. <i>Tetrahedron</i> , 2001, 57, 9719-9725.	1.0	34
148	Synthesis of Elemane Bis-Lactones from Santonin " Synthesis of the Reported Structure of seco-Isoerivanin Pseudo Acid and Formal Synthesis of (+)-8-Deoxyvernolepin. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 2145-2151.	1.2	12
149	Synthesis of 3-Oxa-guaianolides from Santonin. <i>Tetrahedron</i> , 2000, 56, 6331-6338.	1.0	15
150	Catalytic Aerobic Oxidative Cleavage of Oximes, Tosylhydrazones and N,N-Dimethylhydrazones to Carbonyl Compounds. <i>Synthesis</i> , 2000, 2000, 403-406.	1.2	10
151	The Synthesis of Bioactive Sesquiterpenes from Santonin. <i>Studies in Natural Products Chemistry</i> , 2000, , 53-129.	0.8	12
152	Stereoselective Synthesis of $4\hat{1}\pm$ -Hydroxy-8,12-Guaianolides from Santonin. <i>Journal of Organic Chemistry</i> , 2000, 65, 2138-2144.	1.7	28
153	Stereoselective Synthesis of 7,11-Guaian-8,12-olides from Santonin. Synthesis of Podoandin and (+)-Zedolactone A. <i>Journal of Organic Chemistry</i> , 2000, 65, 6703-6707.	1.7	40
154	Regio- and stereoselective oxyfunctionalization at C-1 and C-5 in sesquiterpene guaianolides. <i>Tetrahedron</i> , 1998, 54, 1845-1852.	1.0	26
155	Synthesis of elemane bis-lactones structurally related to vernolepin. <i>Tetrahedron Letters</i> , 1998, 39, 3079-3082.	0.7	3
156	Catalytic aerobic oxidative decarboxylation of $\hat{1}\pm$ -hydroxy-acids. Methyl mandelate as a benzoyl anion equivalent. <i>Tetrahedron Letters</i> , 1998, 39, 3327-3330.	0.7	25
157	Reductive Cleavage of 2,2,2-Trichloroethyl Esters with Sodium Telluride. <i>Synthetic Communications</i> , 1998, 28, 1405-1414.	1.1	10
158	Oxidation of N-Acyl-pyrrolidones to Imides with $\text{CrO}_3 \cdot 3,5$ -dimethylpyrazole. <i>Tetrahedron Letters</i> , 1997, 38, 8257-8260.	0.7	14
159	Stereoselective Synthesis of 8,12-Furanoeudesmanes from Santonin. Absolute Stereochemistry of Natural Furanoeudesma-1,3-diene and Tubipofurane. <i>Journal of Organic Chemistry</i> , 1996, 61, 3815-3819.	1.7	26
160	The reduction of $\hat{1}\pm, \hat{1}^2$ -unsaturated nitriles and $\hat{1}\pm$ -halonitriles with sodium hydrogen telluride. <i>Tetrahedron</i> , 1996, 52, 8611-8618.	1.0	29
161	Ring-opening aminolysis of sesquiterpene lactones: An easy entry to bioactive sesquiterpene derivatives. Synthesis of (+)- $\hat{1}^2$ -cyperone and ($\hat{1}^+$)-eudesma-3,5-diene from santonin. <i>Tetrahedron</i> , 1996, 52, 10507-10518.	1.0	22
162	Elimination of vic-Disulfonates Using Sodium Hydrogen Telluride in Dimethylformamide. <i>Synlett</i> , 1996, 1996, 655-656.	1.0	14

#	ARTICLE	IF	CITATIONS
163	Synthesis of 9-oxyfunctionalized eudesmanes from artemisin. Tetrahedron, 1995, 51, 5609-5616.	1.0	10
164	Ultrasound assisted reductive cleavage of sesquiterpene $\hat{1}^3$ -enonelactones. Tetrahedron Letters, 1995, 36, 8469-8472.	0.7	14
165	Selective Reduction of $\hat{1}^{\pm},\hat{1}^2$ -Unsaturated Nitriles with Sodium Hydrogen Telluride. Synlett, 1995, 1995, 1189-1190.	1.0	5
166	Regioselective intramolecular base-Induced synthesis of .alpha.,.beta.-Unsaturated. Acyldecalins from Decalones via Carbon Homologation with isocyanomethyl Tosylate (TosMIC). Synthesis of (.+.)-6-Eudesmen-4.alpha.-ol and (.+.)-Vetiselinene. Journal of Organic Chemistry, 1995, 60, 2188-2194.	1.7	15
167	A non-catalyzed ring-opening aminolysis reaction of sesquiterpene lactones. Tetrahedron Letters, 1994, 35, 931-934.	0.7	17
168	Synthesis of the reported structure of herbolide I and its C-11 epimer from artemisin. Journal of Organic Chemistry, 1993, 58, 7204-7208.	1.7	21
169	A Short Synthesis of (+)-Colartin and (+)-Arbusculin A from (-)-Santonin. Journal of Natural Products, 1993, 56, 1723-1727.	1.5	16
170	Synthesis of torrentin, dihydrosantamarine, and saussurea lactone from santonin. Canadian Journal of Chemistry, 1992, 70, 817-822.	0.6	11
171	Functionality transfer from C8 to C9 in sesquiterpenes. Synthesis of the named Herbolide E from artemisin.. Tetrahedron Letters, 1992, 33, 5253-5256.	0.7	6
172	Synthesis of (+)-Isoalantolactone and (+)-Isoalloalantolactone from (\hat{a} [~])-Santonin. Tetrahedron, 1992, 48, 5265-5272.	1.0	23
173	Functionality transfer from C6 to C8 in sesquiterpenes. Synthesis of 8-epi-ivangustin and 8-epi-isoivangustin from santonin. Journal of Organic Chemistry, 1991, 56, 6172-6175.	1.7	25
174	Synthesis of various natural 8,12-elemanolides from artemisin. Tetrahedron, 1989, 45, 5925-5934.	1.0	15
175	A Selective Hydrolysis of Aryl Acetates. Synthesis, 1989, 1989, 438-439.	1.2	14
176	Catalytic Asymmetric Friedelâ€“Crafts Alkylations in Total Synthesis. , 0, , 223-270.		4