Vicente Gotor-FernÃ¡ndez

List of Publications by Year
in descending order

148	4,776	94433 37	128289 60
papers	citations	h-index	g-index

179	179	179	4169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unmasking the Hidden Carbonyl Group Using Gold(I) Catalysts and Alcohol Dehydrogenases: Design of a Thermodynamically-Driven Cascade toward Optically Active Halohydrins. ACS Catalysis, 2022, 12, 2552-2560.	11.2	20
2	Supported ionic liquid-like phases as efficient solid ionic solvents for the immobilisation of alcohol dehydrogenases towards the development of stereoselective bioreductions. Green Chemistry, 2021, 23, 5609-5617.	9.0	9
3	Transfer Hydrogenation of Flavanones and ortho â€Hydroxychalcones to 1,3â€Diarylpropanols Catalyzed by CNN Pincer Ruthenium Complexes. ChemCatChem, 2021, 13, 2152-2157.	3.7	2
4	Solvent role in the lipase-catalysed esterification of cinnamic acid and derivatives. Optimisation of the biotransformation conditions. Tetrahedron, 2021, 81, 131873.	1.9	9
5	Alcohol Dehydrogenases and Nâ€Heterocyclic Carbene Gold(I) Catalysts: Design of a Chemoenzymatic Cascade towards Optically Active Î²,Î²â€Disubstituted Allylic Alcohols. Angewandte Chemie - International Edition, 2021, 60, 13945-13951.	13.8	22
6	Alcohol Dehydrogenases and Nâ€Heterocyclic Carbene Gold(I) Catalysts: Design of a Chemoenzymatic Cascade towards Optically Active Î²,Î²â€Disubstituted Allylic Alcohols. Angewandte Chemie, 2021, 133, 14064-14070.	2.0	7
7	Markovnikov Wackerâ€Tsuji Oxidation of Allyl(hetero)arenes and Application in a Oneâ€Pot Photoâ€Metalâ€Biocatalytic Approach to Enantioenriched Amines and Alcohols. Advanced Synthesis and Catalysis, 2021, 363, 4096-4108.	4.3	16
8	Chemoenzymatic Oxosulfonylationâ€Bioreduction Sequence for the Stereoselective Synthesis of Î²â€Hydroxy Sulfones. ChemSusChem, 2021, , .	6.8	7
9	Chemoenzymatic Stereoselective Synthesis of trans-Flavan-4-ols via Lipase-Catalyzed Kinetic Resolutions. Catalysts, 2021, 11, 1296.	3.5	1
10	Sequential Twoâ€Step Stereoselective Amination of Allylic Alcohols through the Combination of Laccases and Amine Transaminases. ChemBioChem, 2020, 21, 200-211.	2.6	17
11	Laccaseâ€mediated Oxidations of Propargylic Alcohols. Application in the Deracemization of 1â€arylpropâ€2â€ynâ€1â€ols in Combination with Alcohol Dehydrogenases. ChemCatChem, 2020, 12, 520-527.	3.7	21
12	One-pot two-step chemoenzymatic deracemization of allylic alcohols using laccases and alcohol dehydrogenases. Molecular Catalysis, 2020, 493, 111087.	2.0	12
13	Chemoâ€and Stereoselective Synthesis of Fluorinated Amino Alcohols through Oneâ€pot Reactions using Alcohol Dehydrogenases and Amine Transaminases. Advanced Synthesis and Catalysis, 2020, 362, 5398-5410.	4.3	7
14	Asymmetric Synthesis of Primary and Secondary Î²â€Fluoroâ€arylamines using Reductive Aminases from Fungi. ChemCatChem, 2020, 12, 2421-2425.	3.7	27
15	Stereoselective Bioreduction of Î±-diazo-Î²-keto Esters. Molecules, 2020, 25, 931.	3.8	2
16	Stereoselective Bioreduction of Telluroâ€Acetophenones to Optically Active Hydroxy Tellurides. European Journal of Organic Chemistry, 2020, 2020, 1129-1135.	2.4	4
17	Temperatureâ€Controlled Stereodivergent Synthesis of 2,2â€²â€Biflavanones Promoted by Samarium Diiodide. Chemistry - A European Journal, 2019, 25, 13104-13108.	3.3	8
18	Efficient synthesis of Î±-alkyl-Î²-amino amides by transaminase-mediated dynamic kinetic resolutions. Catalysis Science and Technology, 2019, 9, 4083-4090.	4.1	12

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19	Chemoenzymatic Synthesis of an Odanacatib Precursor through a Suzukiâ€Miyaura Crossâ€Coupling and Bioreduction Sequence. ChemCatChem, 2019, 11, 5800-5807.	3.7	15
20	Deep eutectic solvents for redox biocatalysis. Journal of Biotechnology, 2019, 293, 24-35.	3.8	120
21	A designer natural deep eutectic solvent to recycle the cofactor in alcohol dehydrogenase-catalysed processes. Green Chemistry, 2019, 21, 2946-2951.	9.0	37
22	Stereoselective Synthesis of 1â€Arylpropanâ€2â€amines from Allylbenzenes through a Wackerâ€Tsuji Oxidationâ€Biotransamination Sequential Process. Advanced Synthesis and Catalysis, 2019, 361, 2582-2593.	4.3	20
23	Synthesis of Î±â€Alkylâ€Î²â€Hydroxy Amides through Biocatalytic Dynamic Kinetic Resolution Employing Alcohol Dehydrogenases. Advanced Synthesis and Catalysis, 2019, 361, 2706-2712.	4.3	15
24	What to sacrifice? Fusions of cofactor regenerating enzymes with Baeyer-Villiger monooxygenases and alcohol dehydrogenases for self-sufficient redox biocatalysis. Tetrahedron, 2019, 75, 1832-1839.	1.9	21
25	Mild Chemoenzymatic Oxidation of Allylic sec-Alcohols. Application to Biocatalytic Stereoselective Redox Isomerizations. ACS Catalysis, 2018, 8, 2413-2419.	11.2	21
26	Synthesis of carbohydrate-derived (Z)-vinyl halides and silanes: Samarium-promoted stereoselective 1,2-elimination on sugar-derived Î±-halomethylcarbinol acetates. Tetrahedron, 2018, 74, 5475-5480.	1.9	5
27	Stereoselective biocatalysis: A mature technology for the asymmetric synthesis of pharmaceutical building blocks. Biocatalysis and Biotransformation, 2018, 36, 102-130.	2.0	59
28	Conversion of Î³â€•and Îˇâ€Keto Esters into Optically Active Lactams. Transaminases in Cascade Processes. Advanced Synthesis and Catalysis, 2018, 360, 686-695.	4.3	34
29	Development of Biotransamination Reactions towards the 3,4-Dihydro-2H-1,5-benzoxathiepin-3-amine Enantiomers. Catalysts, 2018, 8, 470.	3.5	5
30	Stereoselective Enzymatic Reduction of 1,4-Diaryl-1,4-Diones to the Corresponding Diols Employing Alcohol Dehydrogenases. Catalysts, 2018, 8, 150.	3.5	8
31	Biotransformations in Deep Eutectic Solvents. , 2018, , 137-171.		3
32	Determination of volatile compounds in cider apple juices using a covalently bonded ionic liquid coating as the stationary phase in gas chromatography. Analytical and Bioanalytical Chemistry, 2017, 409, 3033-3041.	3.7	6
33	Novel chemoenzymatic oxidation of amines into oximes based on hydrolase-catalysed peracid formation. Organic and Biomolecular Chemistry, 2017, 15, 3196-3201.	2.8	13
34	Asymmetric Biocatalytic Synthesis of Fluorinated Pyridines through Transesterification or Transamination: Computational Insights into the Reactivity of Transaminases. Advanced Synthesis and Catalysis, 2017, 359, 279-291.	4.3	20
35	Synthesis of nitrogenated lignin-derived compounds and reactivity with laccases. Study of their application in mild chemoenzymatic oxidative processes. RSC Advances, 2017, 7, 50459-50471.	3.6	10
36	Stereoselective amination of racemic sec-alcohols through sequential application of laccases and transaminases. Green Chemistry, 2017, 19, 474-480.	9.0	66

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37	Application of Deep Eutectic Solvents in Promiscuous Lipaseâ€Catalysed Aldol Reactions. European Journal of Organic Chemistry, 2016, 2016, 1513-1519.	2.4	58
38	Biocatalytic Transamination for the Asymmetric Synthesis of Pyridylalkylamines. Structural and Activity Features in the Reactivity of Transaminases. ACS Catalysis, 2016, 6, 4003-4009.	11.2	20
39	Stereoselective Access to 1-[2-Bromo(het)aryloxy]propan-2-amines Using Transaminases and Lipases; Development of a Chemoenzymatic Strategy Toward a Levofloxacin Precursor. Journal of Organic Chemistry, 2016, 81, 9765-9774.	3.2	13
40	Butâ€2â€eneâ€1,4â€diamine and Butâ€2â€eneâ€1,4â€diol as Donors for Thermodynamically Favored Transaminaseâ€and Alcohol Dehydrogenaseâ€Catalyzed Processes. Advanced Synthesis and Catalysis, 2016, 358, 1618-1624.	4.3	49
41	Baeyerâ€“Villiger monooxygenase-catalyzed desymmetrizations of cyclobutanones. Application to the synthesis of valuable spirolactones. Tetrahedron, 2016, 72, 7268-7275.	1.9	7
42	Dynamic Reductive Kinetic Resolution of Benzyl Ketones using Alcohol Dehydrogenases and Anion Exchange Resins. Advanced Synthesis and Catalysis, 2016, 358, 122-131.	4.3	12
43	Lipase-catalyzed dynamic kinetic resolution of dimethyl (1,3-dihydro-2H-isoindol-1-yl)phosphonate. Tetrahedron, 2016, 72, 7311-7316.	1.9	7
44	Hydrolases in Organic Chemistry. Recent Achievements in the Synthesis of Pharmaceuticals. Current Organic Chemistry, 2016, 20, 1186-1203.	1.6	26
45	Native Proteins in Organic Chemistry. Recent Achievements in the use of non Hydrolytic Enzymes for the Synthesis of Pharmaceuticals. Current Organic Chemistry, 2016, 20, 1204-1221.	1.6	3
46	Chemoenzymatic Deracemization of Secondary Alcohols by using a TEMPOâ€“Iodineâ€“Alcohol Dehydrogenase System. ChemCatChem, 2015, 7, 4016-4020.	3.7	26
47	Recent Advances in Biocatalytic Promiscuity: Hydrolaseâ€Catalyzed Reactions for Nonconventional Transformations. Chemical Record, 2015, 15, 743-759.	5.8	83
48	Performance of Recombinantâ€Wholeâ€Cellâ€Catalyzed Reductions in Deepâ€Eutecticâ€Solventâ€“Aqueousâ€Media Mixtures. ChemCatChem, 2015, 7, 2654-2659.	3.7	53
49	Enzymatic and chromatographic resolution procedures applied to the synthesis of the phosphoproline enantiomers. Tetrahedron: Asymmetry, 2015, 26, 1469-1477.	1.8	10
50	Deracemisation of profenol core by combining laccase/TEMPO-mediated oxidation and alcohol dehydrogenase-catalysed dynamic kinetic resolution. Catalysis Science and Technology, 2015, 5, 1443-1446.	4.1	37
51	Asymmetric synthesis of azolium-based 1,2,3,4-tetrahydronaphthalen-2-ols through lipase-catalyzed resolutions. Tetrahedron: Asymmetry, 2015, 26, 760-767.	1.8	4
52	Chemoenzymatic Asymmetric Synthesis of 1,4-Benzoxazine Derivatives: Application in the Synthesis of a Levofloxacin Precursor. Journal of Organic Chemistry, 2015, 80, 3815-3824.	3.2	18
53	Broadening the chemical scope of laccases: selective deprotection of N-benzyl groups. Green Chemistry, 2015, 17, 2794-2798.	9.0	14
54	Lactonization reactions through hydrolase-catalyzed peracid formation. Use of lipases for chemoenzymatic Baeyerâ€“Villiger oxidations of cyclobutanones. Journal of Molecular Catalysis B: Enzymatic, 2015, 114, 31-36.	1.8	17

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55	Regioselective Preparation of Thiamphenicol Esters Through Lipase-Catalyzed Processes. Journal of the Brazilian Chemical Society, 2014, , .	0.6	2
56	Imidazolium-Based Ionic Liquids as Non-conventional Media for Alcohol Dehydrogenase-Catalysed Reactions. Topics in Catalysis, 2014, 57, 332-338.	2.8	9
57	Structures of Alcohol Dehydrogenases from Ralstonia and Sphingobium spp. Reveal the Molecular Basis for Their Recognition of â€˜Bulkyâ€“Bulkyâ€™ Ketones. Topics in Catalysis, 2014, 57, 356-365.	2.8	48
58	Lipase-catalyzed desymmetrization of meso-1,2-diaryl-1,2-diaminoethanes. Tetrahedron: Asymmetry, 2014, 25, 381-386.	1.8	6
59	Transaminases Applied to the Synthesis of High Added-Value Enantiopure Amines. Organic Process Research and Development, 2014, 18, 788-792.	2.7	78
60	Chemoenzymatic epoxidation of alkenes based on peracid formation by a Rhizomucor miehei lipase-catalyzed perhydrolysis reaction. Tetrahedron, 2014, 70, 1144-1148.	1.9	39
61	Expanding the Scope of Alcohol Dehydrogenases towards Bulkier Substrates: Stereoâ€•and Enantiopreference for Î±,Î±â€²Dihalogenated Ketones. ChemCatChem, 2014, 6, 1066-1072.	3.7	19
62	Gelatin Proteinâ€‘Mediated Direct Aldol Reaction. Helvetica Chimica Acta, 2014, 97, 574-580.	1.6	6
63	Cutting Short the Asymmetric Synthesis of the Ramatroban Precursor by Employing Ï‰â€‘Transaminases. Advanced Synthesis and Catalysis, 2014, 356, 1937-1942.	4.3	40
64	Laccase/TEMPO-mediated system for the thermodynamically disfavored oxidation of 2,2-dihalo-1-phenylethanol derivatives. Green Chemistry, 2014, 16, 2448.	9.0	48
65	Asymmetric chemoenzymatic synthesis of N-acetyl-Î±-amino esters based on lipase-catalyzed kinetic resolutions through interesterification reactions. Tetrahedron, 2014, 70, 2264-2271.	1.9	11
66	Laccase/2,2,6,6â€‘Tetramethylpiperidinoxyl Radical (TEMPO): An Efficient Catalytic System for Selective Oxidations of Primary Hydroxy and Amino Groups in Aqueous and Biphasic Media. Advanced Synthesis and Catalysis, 2014, 356, 2321-2329.	4.3	42
67	Enantioselective Preparation of Î´â€‘Valerolactones with Horse Liver Alcohol Dehydrogenase. ChemCatChem, 2014, 6, 977-980.	3.7	15
68	One-Pot Synthesis of Enantiopure 3,4-Dihydroisocoumarins through Dynamic Reductive Kinetic Resolution Processes. Organic Letters, 2013, 15, 3872-3875.	4.6	38
69	Escherichiaâ€…coli/ADHâ€‘A: An Allâ€‘inclusive Catalyst for the Selective Biooxidation and Deracemisation of Secondary Alcohols. ChemCatChem, 2013, 5, 3875-3881.	3.7	46
70	Mimicking Nature: Synthetic Nicotinamide Cofactors for Câ•C Bioreduction Using Enoate Reductases. Organic Letters, 2013, 15, 180-183.	4.6	155
71	Chiral Triazolium Salts and Ionic Liquids: From the Molecular Design Vectors to Their Physical Properties through Specific Supramolecular Interactions. Chemistry - A European Journal, 2013, 19, 892-904.	3.3	11
72	Câ€“C Bond formation catalyzed by natural gelatin and collagen proteins. Beilstein Journal of Organic Chemistry, 2013, 9, 1111-1118.	2.2	23

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73	Analysis of beer volatiles by polymeric imidazolium-solid phase microextraction coatings: Synthesis and characterization of polymeric imidazolium ionic liquids. Journal of Chromatography A, 2013, 1305, 35-40.	3.7	19
74	Chemoenzymatic synthesis of optically active 2-(2â€²- or 4â€²-substituted-1H-imidazol-1-yl)cycloalkanols: chiral additives for (l)-proline. Catalysis Science and Technology, 2013, 3, 2596.	4.1	12
75	Chemoenzymatic Asymmetric Synthesis of Serotonin Receptor Agonist (R)â€Frovatriptan. European Journal of Organic Chemistry, 2013, 2013, 4057-4064.	2.4	9
76	Stereoselective Synthesis of 2,3-Disubstituted Indoline Diastereoisomers by Chemoenzymatic Processes. Journal of Organic Chemistry, 2012, 77, 8049-8055.	3.2	35
77	Asymmetric Chemoenzymatic Synthesis of Ramatroban Using Lipases and Oxidoreductases. Journal of Organic Chemistry, 2012, 77, 4842-4848.	3.2	44
78	From Diols to Lactones under Aerobic Conditions using a Laccase/TEMPO Catalytic System in Aqueous Medium. Advanced Synthesis and Catalysis, 2012, 354, 3405-3408.	4.3	72
79	Enantiopure 3-methyl-3,4-dihydroisocoumarins and 3-methyl-1,2,3,4-tetrahydroisoquinolines via chemoenzymatic asymmetric transformations. Catalysis Science and Technology, 2012, 2, 1590.	4.1	12
80	Stereoselective Chemoenzymatic Synthesis of Enantiopure 2-(1H-imidazol-yl)cycloalkanols under Continuous Flow Conditions. ACS Catalysis, 2012, 2, 1976-1983.	11.2	28
81	Polymeric imidazolium ionic liquids as valuable stationary phases in gas chromatography: Chemical synthesis and full characterization. Analytica Chimica Acta, 2012, 721, 173-181.	5.4	46
82	Expanding the regioselective enzymatic repertoire: oxidative mono-cleavage of dialkenes catalyzed by Trametes hirsuta. Chemical Communications, 2012, 48, 3303.	4.1	26
83	Highly Stereoselective Chemoenzymatic Synthesis of the 3H-Isobenzofuran Skeleton. Access to Enantiopure 3-Methylphthalides. Organic Letters, 2012, 14, 1444-1447.	4.6	38
84	Dynamic Kinetic Resolution of 1,3-Dihydro-2H-isoindole-1-carboxylic Acid Methyl Ester: Asymmetric Transformations toward Isoindoline Carbamates. Organic Letters, 2012, 14, 1696-1699.	4.6	28
85	Chemoenzymatic preparation of optically active 3-(1H-imidazol-1-yl)cyclohexanol-based ionic liquids: application in organocatalysis and toxicity studies. RSC Advances, 2012, 2, 6455.	3.6	13
86	Characterization of hexacationic imidazolium ionic liquids as effective and highly stable gas chromatography stationary phases. Journal of Separation Science, 2012, 35, 273-279.	2.5	20
87	Complementary Lipase-Mediated Desymmetrization Processes of 3-Aryl-1,5-Disubstituted Fragments. Enantiopure Synthetic Valuable Carboxylic Acid Derivatives. Journal of Organic Chemistry, 2011, 76, 811-819.	3.2	17
88	Asymmetric Chemoenzymatic Synthesis of Miconazole and Econazole Enantiomers. The Importance of Chirality in Their Biological Evaluation. Journal of Organic Chemistry, 2011, 76, 2115-2122.	3.2	65
89	Protein-Mediated Nitroaldol Addition in Aqueous Media. Catalytic Promiscuity or Unspecific Catalysis?. Organic Process Research and Development, 2011, 15, 236-240.	2.7	52
90	Hydrolases in the Stereoselective Synthesis of N-Heterocyclic Amines and Amino Acid Derivatives. Chemical Reviews, 2011, 111, 3998-4035.	47.7	126

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91	Chemoenzymatic Asymmetric Synthesis of Optically Active Pentane-1,5-diamine Fragments by Means of Lipase-Catalyzed Desymmetrization Transformations. Journal of Organic Chemistry, 2011, 76, 5709-5718.	3.2	16
92	Straightforward preparation of biologically active 1-aryl- and 1-heteroarylpropan-2-amines in enantioenriched form. Organic and Biomolecular Chemistry, 2011, 9, 2274.	2.8	33
93	Enantiopure Triazolium Salts: Chemoenzymatic Synthesis and Applications in Organocatalysis. ChemCatChem, 2011, 3, 1921-1928.	3.7	20
94	Evaluation of new ionic liquids as high stability selective stationary phases in gas chromatography. Analytical and Bioanalytical Chemistry, 2011, 400, 1209-1216.	3.7	25
95	Use of Protease from Bacillus licheniformis as Promiscuous Catalyst for Organic Synthesis: Applications in Cï£¿C and Cï£¿N Bond Formation Reactions. Advanced Synthesis and Catalysis, 2011, 353, 2345-2353.	4.3	50
96	Chemoenzymatic Synthesis of Optically Active cisâ€•and transâ€2â€(1Hâ€Imidazolâ€1â€yl)cycloalkanamines. European Journal of Organic Chemistry, 2011, 2011, 1057-1063.	2.4	10
97	Enzymatic regioselective production of chloramphenicol esters. Tetrahedron, 2011, 67, 2858-2862.	1.9	17
98	Bioreduction of prochiral ketones by growing cells of Lasiodiplodia theobromae: Discovery of a versatile biocatalyst for asymmetric synthesis. Journal of Molecular Catalysis B: Enzymatic, 2010, 65, 37-40.	1.8	12
99	Synthesis of Optically Active Heterocyclic Compounds by Preparation of 1,3â€Dinitro Derivatives and Enzymatic Enantioselective Desymmetrization of Prochiral Diamines. European Journal of Organic Chemistry, 2010, 2010, 484-493.	2.4	18
100	Stereoselective Chemoenzymatic Preparation of Î²â€Amino Esters: Molecular Modelling Considerations in Lipaseâ€Mediated Processes and Application to the Synthesis of (S)â€Dapoxetine. Advanced Synthesis and Catalysis, 2010, 352, 395-406.	4.3	22
101	From Salts to Ionic Liquids by Systematic Structural Modifications: A Rational Approach Towards the Efficient Modular Synthesis of Enantiopure Imidazolium Salts. Chemistry - A European Journal, 2010, 16, 836-847.	3.3	49
102	Optically active macrocyclic hexaazapyridinophanes decorated at the periphery: synthesis and applications in the NMR enantiodiscrimination of carboxylic acids. Tetrahedron, 2010, 66, 6070-6077.	1.9	27
103	Reduction processes biocatalyzed by Vigna unguiculata. Tetrahedron: Asymmetry, 2010, 21, 566-570.	1.8	27
104	Stereoselective synthesis of optically active cyclic Î±- and Î²-amino esters through lipase-catalyzed transesterification or interesterification processes. Tetrahedron: Asymmetry, 2010, 21, 2307-2313.	1.8	11
105	Candida tropicalis CE017: a new Brazilian enzymatic source for the bioreduction of aromatic prochiral ketones. Journal of the Brazilian Chemical Society, 2010, 21, 1509-1516.	0.6	15
106	Hydrolases: catalytically promiscuous enzymes for non-conventional reactions in organic synthesis. Chemical Society Reviews, 2010, 39, 4504.	38.1	267
107	Straightforward Synthesis of Enantiopure 2,3-Dihydrobenzofurans by a Sequential Stereoselective Biotransformation and Chemical Intramolecular Cyclization. Organic Letters, 2010, 12, 3498-3501.	4.6	44
108	Enantioselective acetylation of racemic alcohols by Manihot esculenta and Passiflora edulis preparations. Journal of Molecular Catalysis B: Enzymatic, 2009, 60, 157-162.	1.8	13

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109	Chemoenzymatic preparation of a biologically active naphthoquinone from Tabebuia impetiginosa using lipases or alcohol dehydrogenases. Journal of Molecular Catalysis B: Enzymatic, 2009, 61, 279-283.	1.8	7
110	Influence of the Nucleophile on the Candida antarctica Lipase Bâ€Catalysed Resolution of a Chiral Acyl Donor. ChemBioChem, 2009, 10, 1830-1838.	2.6	24
111	Computational Study of the Lipaseâ€Mediated Desymmetrisation of 2â€Substitutedâ€Propaneâ€1,3â€Diamines. ChemBioChem, 2009, 10, 2875-2883.	2.6	5
112	Stereoselective Chemoenzymatic Synthesis of Enantiopure 1â€(Heteroaryl)ethanamines by Lipaseâ€Catalysed Kinetic Resolutions. European Journal of Organic Chemistry, 2009, 2009, 2533-2538.	2.4	14
113	A Ferromagnetic [Cu₃(OH)₂]⁴⁺ Cluster Formed inside a Tritopic Nonaazapyridinophane: Crystal Structure and Solution Studies. Angewandte Chemie - International Edition, 2009, 48, 6055-6058.	13.8	56
114	Development of a chemoenzymatic strategy for the synthesis of optically active and orthogonally protected polyamines. Tetrahedron, 2009, 65, 8393-8401.	1.9	15
115	Chemoenzymatic synthesis of optically active Mugetanol isomers: use of lipases and oxidoreductases in fragrance chemistry. Tetrahedron: Asymmetry, 2009, 20, 214-219.	1.8	12
116	Lentinus strigellus: a new versatile stereoselective biocatalyst for the bioreduction of prochiral ketones. Tetrahedron: Asymmetry, 2009, 20, 1057-1061.	1.8	27
117	Enzymatic Desymmetrization of Prochiral 2-Substituted-1,3-Diamines: Preparation of Valuable Nitrogenated Compounds. Journal of Organic Chemistry, 2009, 74, 2571-2574.	3.2	34
118	Chemoenzymatic Synthesis of Rivastigmine Based on Lipase-Catalyzed Processes. Journal of Organic Chemistry, 2009, 74, 5304-5310.	3.2	56
119	Efficient synthesis of chiral homodimeric 4-(N,N-dimethylamino)pyridine carbamate derivatives. Arkivoc, 2009, 2010, 114-123.	0.5	1
120	Immobilized Manihot esculenta preparation as a novel biocatalyst in the enantioselective acetylation of racemic alcohols. Tetrahedron: Asymmetry, 2008, 19, 1419-1424.	1.8	20
121	Efficient access to enantiomerically pure cyclic Î±-amino esters through a lipase-catalyzed kinetic resolution. Tetrahedron: Asymmetry, 2008, 19, 1714-1719.	1.8	22
122	Bioreduction of aromatic aldehydes and ketones by fruitsâ€™ barks of Passiflora edulis. Journal of Molecular Catalysis B: Enzymatic, 2008, 54, 130-133.	1.8	37
123	A Simple Helical Macrocyclic Polyazapyridinophane as a Stereoselective Receptor of Biologically Important Dicarboxylates under Physiological Conditions. Journal of Organic Chemistry, 2008, 73, 374-382.	3.2	30
124	Efficient Synthesis of 2-Substituted 7-Azaindole Derivatives via Palladium-Catalyzed Coupling and C-N Cyclization Using 18-Crown-6. Synthesis, 2007, 2007, 2149-2152.	2.3	4
125	First Desymmetrization of 1,3-Propanediamine Derivatives in Organic Solvent. Development of a New Route for the Preparation of Optically Active Amines. Organic Letters, 2007, 9, 4203-4206.	4.6	25
126	Enzymatic Preparation of Novel Aminoalkylpyridines using Lipases in Organic Solvents. Advanced Synthesis and Catalysis, 2007, 349, 1481-1488.	4.3	27

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127	Enzymatic resolution of hindered cyanohydrins, key precursors of muscarinic receptor antagonists. Tetrahedron: Asymmetry, 2007, 18, 994-1002.	1.8	17
128	Simple and straightforward synthesis of novel enantiopure ionic liquids via efficient enzymatic resolution of (Â±)-2-(1H-imidazol-1-yl)cyclohexanol. Tetrahedron Letters, 2007, 48, 5251-5254.	1.4	27
129	Lipases: Useful biocatalysts for the preparation of pharmaceuticals. Journal of Molecular Catalysis B: Enzymatic, 2006, 40, 111-120.	1.8	311
130	Kinetic resolution of 4-chloro-2-(1-hydroxyalkyl)pyridines using Pseudomonas cepacia lipase. Nature Protocols, 2006, 1, 2061-2067.	12.0	6
131	Biocatalytic preparation of enantioenriched 3,4-dihydroxypiperidines and theoretical study of Candida antarctica lipase B enantioselectivity. Tetrahedron, 2006, 62, 3284-3291.	1.9	14
132	Lipase-catalyzed resolution of chiral 1,3-amino alcohols: application in the asymmetric synthesis of (S)-dapoxetine. Tetrahedron: Asymmetry, 2006, 17, 860-866.	1.8	51
133	Chemoenzymatic preparation of optically active secondary amines: a new efficient route to enantiomerically pure indolines. Tetrahedron: Asymmetry, 2006, 17, 2558-2564.	1.8	52
134	Biocatalytic preparation of optically active 4-(N,N-dimethylamino)pyridines for application in chemical asymmetric catalysis. Tetrahedron: Asymmetry, 2006, 17, 1007-1016.	1.8	22
135	Enantioselective Synthesis of 4-(Dimethylamino)pyridines through a Chemical Oxidation-Enzymatic Reduction Sequence. Application in Asymmetric Catalysis. Advanced Synthesis and Catalysis, 2006, 348, 2626-2632.	4.3	51
136	Candida antarctica Lipase B: An Ideal Biocatalyst for the Preparation of Nitrogenated Organic Compounds. Advanced Synthesis and Catalysis, 2006, 348, 797-812.	4.3	341
137	Enzymatic Aminolysis and Ammonolysis Processes in the Preparation of Chiral Nitrogenated Compounds. Current Organic Chemistry, 2006, 10, 1125-1143.	1.6	72
138	Chemoenzymatic synthesis of chiral 4-(N,N-dimethylamino)pyridine derivatives. Tetrahedron: Asymmetry, 2005, 16, 3427-3435.	1.8	17
139	Study of the Chemoselectivity in the Aminolysis Reaction of Methyl Acrylate Catalysed by Lipase B fromCandida antarctica. Advanced Synthesis and Catalysis, 2005, 347, 1007-1014.	4.3	51
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