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List of Publications by Year
in descending order

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49 papers	1,396 citations	471061 17 h-index	329751 37 g-index
51 all docs	51 docs citations	51 times ranked	764 citing authors

#	Article	IF	Citations
1	Vecuronium bromide and its advanced intermediates: A crystallographic and spectroscopic study. Steroids, 2021, 176, 108928.	0.8	4
2	(S)-Pramipexole and Its Enantiomer, Dexpramipexole: A New Chemoenzymatic Synthesis and Crystallographic Investigation of Key Enantiomeric Intermediates. Catalysts, 2020, 10, 941.	1.6	1
3	Crystallographic and NMR Investigation of Ergometrine and Methylergometrine, Two Alkaloids from Claviceps Purpurea. Molecules, 2020, 25, 331.	1.7	6
4	A New Chemoenzymatic Synthesis of the Chiral Key Intermediate of the Antiepileptic Brivaracetam. Molecules, 2018, 23, 2206.	1.7	4
5	Synthesis of Antitumor Fluorinated Pyrimidine Nucleosides. Organic Preparations and Procedures International, 2017, 49, 69-154.	0.6	10
6	Synthesis of the antitumoral nucleoside capecitabine through a chemo-enzymatic approach. Tetrahedron Letters, 2015, 56, 5909-5913.	0.7	7
7	Crystallographic and spectroscopic study on a known orally active progestin. Steroids, 2015, 104, 137-144.	0.8	6
8	Bakerâ€™s yeast catalyzed preparation of a new enantiomerically pure synthon of (S)-pramipexole and its enantiomer (dexpramipexole). Tetrahedron: Asymmetry, 2014, 25, 1239-1245.	1.8	9
9	Chemoenzymatic synthesis of the enantiomerically pure 1,2,3,4-tetrahydroquinoline moiety of the antithrombotic (21R)- and (21S)-argatroban. Tetrahedron: Asymmetry, 2013, 24, 1142-1147.	1.8	7
10	Crystallographic, Spectroscopic, and Theoretical Investigation of the Efficiently Separated 21R and 21Sâ€Diastereoisomers of Argatroban. Chirality, 2013, 25, 871-882.	1.3	3
11	Evaluation, synthesis and characterization of tacrolimus impurities. Journal of Antibiotics, 2012, 65, 349-354.	1.0	12
12	Diastereoselective synthesis of an argatroban intermediate, ethyl (2R,4R)-4-methylpipecolate, by means of a Mandyphos/rhodium complex-catalyzed hydrogenation. Tetrahedron: Asymmetry, 2011, 22, 1626-1631.	1.8	14
13	First chemoenzymatic synthesis of immunomodulating macrolactam pimecrolimus. Tetrahedron Letters, 2009, 50, 4384-4388.	0.7	8
14	Complete ¹H and ¹³C assignments of (21R) and (21S) diastereomers of argatroban. Magnetic Resonance in Chemistry, 2008, 46, 99-102.	1.1	3
15	Synthesis of the immunosuppressive agent 2-morpholinoethyl mycophenolate by a lipase-catalyzed transesterification. Biocatalysis and Biotransformation, 2006, 24, 209-213.	1.1	0
16	A Simple Synthesis of Gestodene from 18-Methyl-4-estren-3,17-dione. Synlett, 2004, 2004, 1838-1840.	1.0	2
17	Substrate interaction with 5Î±-reductase enzyme: influence of the 17Î²-chain chirality in the mechanism of action of 4-azasteroid inhibitors. Steroids, 2001, 66, 803-810.	0.8	4
18	A practical route for the synthesis of 17 substituted steroidal 3-thioxamides. Steroids, 1997, 62, 504-506.	0.8	4

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19	Synthesis of one diastereomeric couple of the mucolytic drug domiodol [(4S,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (ER Chirality, 1995, 7, 623-625.	1.3	2
20	A New Synthesis of (R)- and (S)-Mevalonolactone from the Enzymatic Resolution of (R,S)-2-(3-Methyl-2-butenyl)-oxiranemethanol. Synlett, 1994, 1994, 754-756.	1.0	8
21	Regio- and enantioselectivity of Pseudomonas cepacia lipase in the transesterification of 2-substituted-1,4-butanediols. Tetrahedron: Asymmetry, 1994, 5, 691-698.	1.8	22
22	Baker's yeast-mediated reduction of Î±-hydroxy ketones and derivatives: The steric course of the biotransformation. Tetrahedron, 1994, 50, 10539-10548.	1.0	26
23	Selective enzymatic transformations of itaconic acid derivatives: An access to potentially useful building blocks. Tetrahedron, 1994, 50, 3251-3258.	1.0	28
24	Enantioselective Pseudomonas fluorescens (P. cepacia) lipase-catalyzed irreversible transesterification of 2-methyl-1,2-diols in an organic solvent. Tetrahedron: Asymmetry, 1994, 5, 1921-1924.	1.8	8
25	A facile synthesis of pentadeuterated domiodol (2-iodomethyl-4-hydroxymethyl-1,3-dioxolane) from glycerol-1,1,2,3,3-d5. Journal of Labelled Compounds and Radiopharmaceuticals, 1994, 34, 303-306.	0.5	4
26	An Insight into the Active Site of Pseudomonas Fluorecens (P. cepacia) Lipase to Define the Stereochemical Demand for the Transesterification in Organic Solvents. Biocatalysis, 1994, 10, 279-288.	0.9	23
27	Lipase-catalyzed transesterification in organic solvents: Applications to the preparation of enantiomerically pure compounds. Enzyme and Microbial Technology, 1993, 15, 367-382.	1.6	196
28	Studies on the enantioselectivity of the transesterification of 2-methyl-1,4-butanediol and its derivatives catalyzed by Pseudomonas fluorescens lipase in organic solvents. Tetrahedron: Asymmetry, 1993, 4, 997-1006.	1.8	16
29	A chemoenzymatic approach to enantiomerically pure (R)- and (S)-2,3-epoxy-2-(4-pentenyl)-propanol, a chiral building block for the synthesis of (R)- and (S)-frontalin. Tetrahedron: Asymmetry, 1993, 4, 9-12.	1.8	20
30	Biocatalytic, Enantioselective Preparations of (R)- and (S)-Ethyl 4-Chloro-3-Hydroxybutanoate, a Useful Chiral Synthon. Biocatalysis, 1992, 5, 325-332.	0.9	21
31	The biocatalytic approach to the preparation of enantiomerically pure chiral building blocks. Chemical Reviews, 1992, 92, 1071-1140.	23.0	543
32	A chemoenzymatic synthesis of enantiomerically pure (R)- and (S)-2-methyldecan-1-ol. Journal of the Chemical Society Perkin Transactions 1, 1992, , 1159.	0.9	15
33	Enantioselective transesterification of 2-methyl-1,3-propanediol derivatives catalyzed by Pseudomonas fluorescens lipase in an organic solvent. Tetrahedron, 1992, 48, 3827-3834.	1.0	41
34	Synthesis of the new immunostimulating agent pidotimod (3-L-pyroglutamyl-L-thiazolidine-4-carboxylic) Tj ETQq0 0 0 rgBT /Overlock 10 1992, 31, 973-980.	0.5	5
35	Î±-Substituted Primary Alcohols as Substrates for Enantioselective Lipase-Catalyzed Transesterification in Organic Solvents. Progress in Biotechnology, 1992, 8, 533-540.	0.2	3
36	A biocatalytic approach to the enantioselective synthesis of (R)- and (S)-malic acid. Journal of the Chemical Society Perkin Transactions 1, 1991, , 601.	0.9	28

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37	Enzymic resolution of 2-substituted oxiranemethanols, a class of synthetically useful building blocks, bearing a chiral quaternary center. Journal of Organic Chemistry, 1991, 56, 5478-5480.	1.7	35
38	Enzymatic Synthesis of Enantiomerically Pure Chiral Synthons: Lipase-Catalyzed Resolution of (R/S,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	11
39	An efficient chemo-enzymatic approach to the enantioselective synthesis of 2-methyl-1,3-propamedical derivatives. Tetrahedron Letters, 1990, 31, 5657-5660.	0.7	48
40	Lipase-Catalyzed Resolution of (RS)-2-Methyl-4-phenylseleno-1-butanol: Synthesis of Enantiomerically Pure 2-Methyl-1,3-propanediol Derivatives. Synlett, 1990, 1990, 545-546.	1.0	15
41	Baker's yeast-mediated preparation of optically active aryl alcohols and diols for the synthesis of chiral hydroxy acids. Journal of the Chemical Society Perkin Transactions 1, 1990, , 2469.	0.9	34
42	New chemoenzymic synthesis of (R)- and (S)-4-(phenylsulfonyl)-2-methyl-1-butanol: a chiral C5 isoprenoid synthon. Journal of Organic Chemistry, 1990, 55, 6214-6216.	1.7	35
43	AN IMPROVED SYNTHESIS OF (S)-3-METHYL-Î³-BUTYROLACTONE. Organic Preparations and Procedures International, 1989, 21, 371-373.	0.6	5
44	Synthesis of 3-methyl-1,3,5-pentanetriol and its mono- and diesters. Chemistry and Physics of Lipids, 1988, 49, 97-100.	1.5	2
45	Biohydrogenation of unsaturated compounds by Saccharomyces cerevisiae. Part 2: (S)-(â€“)-Ethyl 4-hydroxy-3-methylbutanoate as a chiral synthon for the preparation of (25S)-26-hydroxycholesterol. Journal of the Chemical Society Perkin Transactions 1, 1987, , 1749-1752.	0.9	20
46	A new flexible synthesis of (R,S)-mevalonolactone. Journal of the Chemical Society Perkin Transactions 1, 1987, , 2301.	0.9	12
47	Polyethylene Glycols as Solvents for Anionic Activation: Synthesis of Thioacetates by Means of Potassium Thioacetate in Polyethylene Glycol 400. Synthetic Communications, 1987, 17, 1569-1575.	1.1	25
48	Biohydrogenation of unsaturated compounds by Saccharomyces cerevisiae. Part 1. Stereochemical aspects of the reaction and preparation of useful bifunctional chiral synthons. Journal of the Chemical Society Perkin Transactions 1, 1987, , 1743.	0.9	27
49	Further studies on sodium borohydride-polyethylene glycol 400 as a novel reducing system. Journal of Organic Chemistry, 1987, 52, 671-674.	1.7	14