

Angela Patti

List of Publications by Year in descending order

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75
papers

1,250
citations

331670

21
h-index

477307

29
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76
all docs

76
docs citations

76
times ranked

1064
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolution of racemic flurbiprofen by lipase-mediated esterification in organic solvent. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1773-1778.	1.8	66
2	Lipase-mediated resolution of 2-hydroxymethyl-1-iodoferrocene: synthesis of ferrocenes and biferrocenes with planar chirality. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 3073-3080.	1.8	40
3	Use of <i>Mucor miehei</i> lipase in the preparation of long chain 3-O-acylcatechins. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2000, 10, 577-582.	1.8	40
4	Enantiopure 1-hydroxymethyl-2-dimethylaminomethylferrocene as efficient catalyst in the enantioselective addition of diethylzinc to aldehydes. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1639-1642.	1.8	38
5	Application of lipase catalysis in organic solvents for selective protection/deprotection of bioactive compounds. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2003, 22, 271-277.	1.8	37
6	Screening of chiral ferrocenyl amino alcohols as ligands for ruthenium-catalysed transfer hydrogenation of ketones. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 597-602.	1.8	34
7	An efficient enzymatic preparation of (+)- and (âˆ-) -condurotol E, a cyclitol with C2 symmetry. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1569-1573.	1.8	33
8	Lipase mediated desymmetrization of 1,2-bis(hydroxymethyl)ferrocene in organic medium: Production of both enantiomers of 2-acetoxymethyl-1-hydroxymethylferrocene. <i>Tetrahedron: Asymmetry</i> , 1992, 3, 753-758.	1.8	31
9	Synthesis of $\hat{1},\hat{2}$ -disubstituted ferrocenes via a ferrocenylepoxide intermediate. Preparation and catalytic activity of a new chiral ferrocenyloxazoline. <i>Tetrahedron: Asymmetry</i> , 2002, 12, 3375-3380.	1.8	30
10	Enzyme-Mediated Regioprotection-Deprotection of Hydroxyl Groups in (+)-Catechin. <i>Synthesis</i> , 1993, 1993, 1155-1158.	2.3	29
11	Lipase-assisted preparation of enantiopure ferrocenyl sulfides possessing planar chirality and their use in the synthesis of chiral sulfoxides. <i>Tetrahedron</i> , 1997, 53, 1361-1368.	1.9	29
12	Synthesis of new ferrocenyl aminoalcohols and aminonitriles and catalytic properties of the aminoalcohols in the ethylation of benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 4381-4394.	1.8	29
13	Desymmetrization of cis-1,2-dihydroxycycloalkanes by stereoselective lipase mediated esterification. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 519-524.	1.8	28
14	Lipase-mediated resolution of racemic 2-hydroxymethyl-1-methylthioferrocene. <i>Tetrahedron Letters</i> , 1996, 37, 127-130.	1.4	28
15	Synthesis and Characterization of Some Chiral Metal-Salen Complexes Bearing a Ferrocenophane Substituent. <i>Molecules</i> , 2009, 14, 4312-4325.	3.8	27
16	Synthesis of Hybrid Ferrocene-Proline Amides as Active Catalysts for Asymmetric Aldol Reactions in Water. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 624-630.	2.4	25
17	The Role of Methylsulfonium Compounds in the Biosynthesis of N-Methylated Metabolites in <i>Chondria coerulescens</i> . <i>Journal of Natural Products</i> , 1990, 53, 87-93.	3.0	24
18	Enzyme-promoted kinetic resolution of 1-hydroxymethyl-2-dimethylaminomethylferrocene. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1275-1280.	1.8	24

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19	Synthesis of chiral 1-ferrocenylaldols and 1-ferrocenyl-1,3-diols via asymmetric reductions. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1824-1830.	1.8	21
20	Hydrogenation of ortho-nitrochalcones over Pd/C as a simple access to 2-substituted 1,2,3,4-tetrahydroquinolines. <i>Tetrahedron</i> , 2010, 66, 5607-5611.	1.9	21
21	Stereoselective Promiscuous Reactions Catalyzed by Lipases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2675.	4.1	21
22	Lipase-mediated separation of the stereoisomers of 1-(1-hydroxyethyl)-2-(hydroxymethyl)ferrocene. <i>Journal of Organic Chemistry</i> , 1994, 59, 251-254.	3.2	20
23	Enzymatic desymmetrisation of conduritol D. preparation of homochiral intermediates for the synthesis of cyclitols and aminocyclitols. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 2665-2670.	1.8	20
24	Stereoselective oxazaborolidine \rightarrow borane reduction of biphenyl alkyl diketones \rightarrow lignin models: enantiopure dehydrodiapocynol derivatives. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2467-2474.	1.8	20
25	Synthesis of 2-ferrocenylquinoline derivatives and evaluation of their antimalarial activity. <i>Journal of Organometallic Chemistry</i> , 2012, 716, 216-221.	1.8	20
26	Convenient lipase-assisted preparation of both enantiomers of suprofen, a non-steroidal anti-inflammatory drug. <i>Chirality</i> , 1996, 8, 377-380.	2.6	19
27	Preparation of chiral C ₂ -symmetrical 1,1 \rightarrow -disubstituted ferrocenes. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 3687-3692.	1.8	19
28	Chiral HPLC analysis of milnacipran and its FMOCC \rightarrow derivative on cellulose \rightarrow based stationary phases. <i>Chirality</i> , 2008, 20, 63-68.	2.6	19
29	Ferrocenes with simple chiral substituents: an in-depth theoretical and experimental VCD and ECD study. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9419-9432.	2.8	19
30	Convenient access to both enantiomers of new azido- and aminoinositols via a chemoenzymatic route. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 2809-2817.	1.8	18
31	Enzymatic resolution of (R,S)-conduritol-B, a key intermediate for the synthesis of glycosidase inhibitors. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 3273-3276.	1.8	18
32	Parallel or classical kinetic resolution of a planar chiral ferrocenylketone through asymmetric reductions. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 2631-2637.	1.8	18
33	Separation of stereoisomeric 1,1 \rightarrow -bis(\pm -hydroxyethyl)ferrocenes by lipase-mediated bis(acetylation in organic solvent. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 919-924.	1.8	17
34	Desymmetrization of meso-hydrobenzoin via stereoselective enzymatic esterification. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 283-288.	1.8	17
35	Stereoselective oxazaborolidine \rightarrow borane reduction of biphenyl alkyl ketones. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 891-898.	1.8	17
36	Enantioselective Synthesis of (R)- and (+)-Conduritol F via Enzymatic Asymmetrization of cis-Cyclohexa-3,5-diene-1,2-diol. <i>Journal of Organic Chemistry</i> , 1996, 61, 6458-6461.	3.2	16

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37	Synthesis of new ferrocenyl dehydrozingerone derivatives and their effects on viability of PC12 cells. <i>Polyhedron</i> , 2016, 117, 80-89.	2.2	16
38	Breaking Molecular Symmetry through Biocatalytic Reactions to Gain Access to Valuable Chiral Synthons. <i>Symmetry</i> , 2020, 12, 1454.	2.2	16
39	Two New Dragendorff-Positive Compounds from Marine Algae. <i>Journal of Natural Products</i> , 1988, 51, 1017-1020.	3.0	15
40	Dragendorff-positive compounds in some Mediterranean red algae. <i>Biochemical Systematics and Ecology</i> , 1989, 17, 5-10.	1.3	15
41	Enzymatic access to homochiral 1-acetoxy-2-hydroxycyclohexane-3,5-diene through lipase-assisted acetylation in organic solvent. <i>Tetrahedron Letters</i> , 1995, 36, 6545-6546.	1.4	15
42	Chemoenzymatic approach to novel chiral difunctionalised ferrocenes. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 815-822.	1.8	15
43	Thetines and Betaines of the Red Alga <i>Digenea simplex</i> . <i>Journal of Natural Products</i> , 1993, 56, 432-435.	3.0	13
44	Kinetic resolution of 1,2-dihydroxy-3-ferrocenylpropane by sequential lipase-catalysed esterification. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 2651-2654.	1.8	13
45	Asymmetric oxidation of 1,3-cyclohexadiene catalysed by chloroperoxidase from <i>Caldariomyces fumago</i> . <i>Tetrahedron: Asymmetry</i> , 2000, 11, 3269-3272.	1.8	13
46	Synthesis of the ferrocenyl analogue of clotrimazole drug. <i>Journal of Organometallic Chemistry</i> , 2017, 830, 56-61.	1.8	13
47	Resolution of racemic amines via lipase-catalyzed benzylation: Chemoenzymatic synthesis of the pharmacologically active isomers of labetalol. <i>Molecular Catalysis</i> , 2018, 449, 79-84.	2.0	12
48	Chemoenzymatic access to all four enantiopure stereoisomers of 1-ferrocenyl-1,3-butanediol. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 778-785.	1.8	11
49	Synthesis of novel chiral η^5 -salen-type η^5 ferrocenyl ligands. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2377-2380.	1.8	11
50	Chemoenzymatic preparation of enantiopure partial esters of conduritol E. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2083-2084.	1.8	10
51	Synthesis of chiral alcohols containing the 1,3-diferrocenylpropane structural motif. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1891-1897.	1.8	10
52	Lipase catalysed resolution of ferrocene cyanohydrin: access to novel ferrocenyl aminoalcohols and diamines. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1027-1030.	1.8	9
53	A new resolution of (1 $\hat{1}$ \pm ,2 $\hat{1}$ \pm ,3 $\hat{1}$ \pm ,4 $\hat{1}$ \pm)-2,3-dibromocyclohex-5-en-1,4-diol by lipase from <i>Mucor miehei</i> . <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1043-1045.	1.8	9
54	Microwave-assisted synthesis of 1,5-dioxo-3-substituted [5]ferrocenophanes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1375-1381.	1.8	9

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55	pH-Dependent stability of azithromycin in aqueous solution and structure identification of two new degradation products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 47-53.	2.8	9
56	Synthesis and atropisomeric stability of 2,2'-bis(ferrocenylhydroxymethyl)-1,1'-biphenyl. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 965-970.	1.8	8
57	Stereoselective synthesis of chiral atropisomerically stable ferrocenyldiols containing a biphenyl unit. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3049-3058.	1.8	8
58	Milnacipran as a challenging example of aminomethyl substrate for lipase-catalyzed kinetic resolution. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 104, 82-86.	1.8	7
59	Lyophilized extracts from vegetable flours as valuable alternatives to purified oxygenases for the synthesis of oxylipins. <i>Bioorganic Chemistry</i> , 2019, 93, 103325.	4.1	7
60	Nicaeensin, a New Amidinoureido Compound from the Red Alga <i>Schottera nicaeensis</i> . <i>Journal of Natural Products</i> , 1990, 53, 1220-1224.	3.0	6
61	Biosynthetic Relationships Between Sulfonium and N-Methylated Compounds in the Red Alga <i>Vidalia volubilis</i> . <i>Journal of Natural Products</i> , 1992, 55, 53-57.	3.0	6
62	Mild hydrolytic cleavage of $\hat{\pm}$ -ferrocenylalkyl-O-methyl ethers. <i>Tetrahedron</i> , 2012, 68, 3300-3305.	1.9	6
63	Effect of cyclodextrin additives on azithromycin in aqueous solution and insight into the stabilization mechanism by sulfobutyl ether- $\hat{\beta}$ -cyclodextrin. <i>International Journal of Pharmaceutics</i> , 2019, 566, 674-679.	5.2	6
64	Stereospecific Epoxidation of Limonene Catalyzed by Peroxygenase from Oat Seeds. <i>Antioxidants</i> , 2021, 10, 1462.	5.1	6
65	Degradation profile of nepafenac in aqueous solution and structural characterization of a novel degradation product. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113432.	2.8	4
66	Preparation, characterization, and antimicrobial activity of ferrocene-containing polymeric materials. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49852.	2.6	4
67	Stereoselective oxazaborolidine-borane reduction of biphenyl methyl diketones: influence of biphenyl substitution pattern. <i>Tetrahedron</i> , 2004, 60, 10305-10310.	1.9	3
68	Characterization of a conglomerate-forming derivative of ($\hat{\pm}$)-milnacipran and its enantiomeric resolution by preferential crystallization. <i>RSC Advances</i> , 2016, 6, 49876-49882.	3.6	3
69	1,3-Dipolar addition of diazomethane to 1-acetoxy-2-hydroxycyclo-hexa-3,5-diene. Synthesis of a couple of chiral $\hat{\gamma}$ -1-pyrazolines. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2195-2198.	1.8	2
70	Lipase behavior in the stereoselective transesterification of zingerol-like derivatives and related biphenyls. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 90, 107-113.	1.8	2
71	Biocatalytic regio- and stereoselective access to $\hat{\gamma}$ -3 endocannabinoid epoxides with peroxygenase from oat flour. <i>Bioorganic Chemistry</i> , 2021, 113, 105014.	4.1	2
72	Spectroscopic investigation on 1,2-substituted ferrocenes with only planar chirality: how chiroptical data are related to absolute configuration and to substituents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 272, 121010.	3.9	2

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73	Chemo-enzymatic Synthesis of New Chiral Bipyridyl Alcohols and their Atropisomeric N,N-dioxides. <i>Current Organic Chemistry</i> , 2012, 16, 1636-1644.	1.6	1
74	Enantioseparation of aldols by high-performance liquid chromatography on polysaccharide-based chiral stationary phases that bear chlorinated substituents. <i>Journal of Separation Science</i> , 2014, 37, 3451-3460.	2.5	1
75	Chiral Molecules: Properties, Synthesis and Analysis. <i>Symmetry</i> , 2022, 14, 579.	2.2	0