

Sergio Riva

List of Publications by Year in descending order

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71004

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204
times ranked

6555
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereoselective Biocatalyzed Reductions of Ginger Active Components Recovered from Industrial Wastes. <i>ChemBioChem</i> , 2022, 23, .	1.3	8
2	Biocatalytic Approaches to the Enantiomers of Wielandâ€™Miescher Ketone and its Derivatives. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3992-3998.	1.2	11
3	Biocatalysis with Laccases: An Updated Overview. <i>Catalysts</i> , 2021, 11, 26.	1.6	69
4	Natural flavor ester synthesis catalyzed by lipases. <i>Flavour and Fragrance Journal</i> , 2020, 35, 209-218.	1.2	27
5	Discovery and Characterization of a Novel Thermostable Î²-Amino Acid Transaminase from a <i>Meiothermus</i> Strain Isolated in an Icelandic Hot Spring. <i>Biotechnology Journal</i> , 2020, 15, e2000125.	1.8	6
6	Hydroxysteroid Dehydrogenases: An Ongoing Story. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4463-4473.	1.2	22
7	Studies on the Catalytic Promiscuity of Limonene Epoxide Hydrolases in the Non-hydrolytic Ring Opening of 1,2-Epoxides. <i>ChemBioChem</i> , 2020, 21, 1868-1874.	1.3	3
8	Insights into the Substrate Promiscuity of Novel Hydroxysteroid Dehydrogenases. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2474-2485.	2.1	17
9	Stereoselectivity Switch in the Reduction of Î±-Alkyl-Î²-Arylenones by Structure-Guided Designed Variants of the Ene Reductase OYE1. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 89.	2.0	16
10	Studies on the Laccase-Catalyzed Oxidation of 4-Hydroxy-Chalcones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2696-2705.	2.1	9
11	Glycosidase-Catalyzed Synthesis of Glycosyl Esters and Phenolic Glycosides of Aromatic Acids. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2627-2637.	2.1	14
12	Self-assembling Releasable Thiocolchicine-Diphenylbutenylaniline Conjugates. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 611-614.	1.3	8
13	Chemo-enzymatic synthesis of (<i>E</i>)-2,3-diaryl-5-styryl- <i>trans</i> -2,3-dihydrobenzofuran-based scaffolds and their <i>in vitro</i> and <i>in silico</i> evaluation as a novel sub-family of potential allosteric modulators of the 90 kDa heat shock protein (Hsp90). <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3741-3753.	1.5	18
14	Self-assembled 4-(1,2-diphenylbut-1-en-1-yl)aniline based nanoparticles: podophyllotoxin and aloin as building blocks. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1106-1109.	1.5	15
15	A Sustainable One-Pot, Two-Enzyme Synthesis of Naturally Occurring Arylalkyl Glucosides. <i>ChemSusChem</i> , 2017, 10, 2040-2045.	3.6	23
16	Novel thermostable amine transferases from hot spring metagenomes. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4963-4979.	1.7	45
17	Novel flavonolignan hybrid antioxidants: From enzymatic preparation to molecular rationalization. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 263-274.	2.6	25
18	Peroxygenase-Catalyzed Enantioselective Sulfoxidations. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 7186-7189.	1.2	29

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19	Structural and biochemical insights into 7 β -hydroxysteroid dehydrogenase stereoselectivity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 859-865.	1.5	22
20	Laccase-catalyzed dimerization of glycosylated lignols. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 134, 295-301.	1.8	9
21	Exploitation of novel epoxide hydrolases from metagenomic libraries in the solvent-free preparative resolutions of limonene oxides mixtures. <i>New Biotechnology</i> , 2016, 33, S97.	2.4	0
22	One-pot Selective Dihydroxylation of Limonene Combining Metal and Enzyme Catalysis. <i>ChemistrySelect</i> , 2016, 1, 1795-1798.	0.7	6
23	Insights into the properties of the two enantiomers of trans- γ -viniferin, a resveratrol derivative: antioxidant activity, biochemical and molecular modeling studies of its interactions with hemoglobin. <i>Molecular BioSystems</i> , 2016, 12, 1276-1286.	2.9	23
24	Cascade Coupling of Ene-Reductases and α -Transaminases for the Stereoselective Synthesis of Diastereomerically Enriched Amines. <i>ChemCatChem</i> , 2015, 7, 3106-3109.	1.8	34
25	Efficient Epoxide Hydrolase Catalyzed Resolutions of (+)- and (β)-cis/trans-Limonene Oxides. <i>ChemCatChem</i> , 2015, 7, 3171-3178.	1.8	19
26	Laccase-Catalyzed Dimerization of Piceid, a Resveratrol Glucoside, and its Further Enzymatic Elaboration. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1831-1839.	2.1	17
27	Regioselective Alcoholysis of Silychristin Acetates Catalyzed by Lipases. <i>International Journal of Molecular Sciences</i> , 2015, 16, 11983-11995.	1.8	6
28	Dicarboxylic esters: Useful tools for the biocatalyzed synthesis of hybrid compounds and polymers. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1583-1595.	1.3	14
29	Hemp hurds biorefining: A path to green l-(+)-lactic acid production. <i>Bioresource Technology</i> , 2015, 191, 59-65.	4.8	25
30	Chemo-enzymatic synthesis of new resveratrol-related dimers containing the benzo[b]furan framework and evaluation of their radical scavenger activities. <i>Tetrahedron</i> , 2015, 71, 3052-3058.	1.0	22
31	Enzymatic acylation as an efficient tool for an easy access to specific acyl derivatives of the natural antioxidants verbascoside, teupolioside and echinacoside. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 104, 42-47.	1.8	7
32	Fractionation of Hemp Hurds by Organosolv Pretreatment and its Effect on Production of Lignin and Sugars. <i>ChemSusChem</i> , 2014, 7, 1991-1999.	3.6	60
33	Enzymatic oxidative dimerization of silymarin flavonolignans. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 109, 24-30.	1.8	26
34	1983-2013: the long wave of biocatalysis. <i>Trends in Biotechnology</i> , 2013, 31, 120-121.	4.9	6
35	Enzymatic synthesis of new C-6-acylated derivatives of NAG-thiazoline and evaluation of their inhibitor activities towards fungal β -N-acetylhexosaminidase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 87, 128-134.	1.8	13
36	Complete Chemical Analysis of Carmagnola Hemp Hurds and Structural Features of Its Components. <i>BioResources</i> , 2013, 8, .	0.5	46

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37	Exploitation of a Laccase/Meldola's Blue System for NAD ⁺ Regeneration in Preparative Scale Hydroxysteroid Dehydrogenase-Catalyzed Oxidations. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2821-2828.	2.1	34
38	Biocatalyzed synthesis of enantiomerically enriched $\hat{1}^2$ -5-like dimer of 4-vinylphenol. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 84, 115-120.	1.8	12
39	In search of sustainable chemical processes: cloning, recombinant expression, and functional characterization of the $7\hat{1}^{\pm}$ - and $7\hat{1}^2$ -hydroxysteroid dehydrogenases from <i>Clostridium absonum</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 1221-1233.	1.7	58
40	The Quest for New Mild and Selective Modifications of Natural Structures: Laccase-Catalysed Oxidation of Ergot Alkaloids Leads to Unexpected Stereoselective C ⁴ Hydroxylation. <i>Chemistry - A European Journal</i> , 2012, 18, 10355-10361.	1.7	20
41	Investigation on the chemoenzymatic synthesis of threo- and erythro- $\hat{1}^2$ -hydroxy-l-glutamic acid derivatives. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 75, 27-34.	1.8	5
42	On the substrate preference of glutaryl acylases. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 76, 52-58.	1.8	11
43	Symmetric and Asymmetric Bolaamphiphiles from Ascorbic Acid. <i>Journal of Physical Chemistry B</i> , 2011, 115, 11638-11649.	1.2	13
44	Biocatalytic Transformations of Steroids: Focus on Hydrolase-Catalyzed Reactions. <i>Current Organic Chemistry</i> , 2011, 15, 928-941.	0.9	4
45	Regioselective alcoholysis of silybin A and B acetates with lipases. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 71, 119-123.	1.8	6
46	Redox Reactions Catalyzed by Isolated Enzymes. <i>Chemical Reviews</i> , 2011, 111, 4111-4140.	23.0	199
47	Chemoenzymatic Synthesis of Fluorescent and Colored Polyesters. <i>ChemCatChem</i> , 2011, 3, 331-337.	1.8	3
48	Enantiopure 2-piperidylacetaldehyde as a useful building block in the diversity-oriented synthesis of polycyclic piperidine derivatives. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 264-269.	1.8	16
49	Charged Hexosaminides as New Substrates for $\hat{1}^2$ -N-Acetylhexosaminidase-Catalyzed Synthesis of Immunomodulatory Disaccharides. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2409-2420.	2.1	33
50	Synthesis of Enantiomerically Enriched Dimers of Vinylphenols by Tandem Action of Laccases and Lipases. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2421-2430.	2.1	24
51	Large-scale separation of silybin diastereoisomers using lipases. <i>Process Biochemistry</i> , 2010, 45, 1657-1663.	1.8	50
52	Laccase-mediated oxidation of phenolic derivatives. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 65, 52-57.	1.8	40
53	Enzymatic Kinetic Resolution of Silybin Diastereoisomers. <i>Journal of Natural Products</i> , 2010, 73, 613-619.	1.5	41
54	Exploiting enzymatic regioselectivity: a facile methodology for the synthesis of polyhydroxylated hybrid compounds. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5583.	1.5	19

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55	Lipase-catalysed synthesis of esters of ferulic acid with natural compounds and evaluation of their antioxidant properties. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 56, 277-282.	1.8	59
56	One-Pot Multienzymatic Synthesis of 12-Ketodeoxycholic Acid: Subtle Cofactor Specificities Rule the Reaction Equilibria of Five Biocatalysts Working in a Row. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1303-1311.	2.1	75
57	Dispersed Phantom Scatterer Technique Reveals Subtle Differences in Substrate Recognition by Phospholipase D Inactive Mutants. <i>ChemBioChem</i> , 2009, 10, 639-644.	1.3	4
58	Laccase-catalyzed coupling of catharanthine and vindoline: an efficient approach to the bisindole alkaloid anhydrovinblastine. <i>Tetrahedron</i> , 2009, 65, 312-317.	1.0	53
59	Enantiopure N-Boc piperidine-2-ethanol for the synthesis of (+)- and (âˆ’)-dumetorine, and (+)- and (âˆ’)-epidihydropinidine. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 192-197.	1.8	14
60	Production of lactose-free galacto-oligosaccharide mixtures: comparison of two cellobiose dehydrogenases for the selective oxidation of lactose to lactobionic acid. <i>Carbohydrate Research</i> , 2008, 343, 2140-2147.	1.1	49
61	Enzymatic synthesis of Î±-carboxy-Î²-hydroxy-(l)-Î±-amino acids. <i>Tetrahedron</i> , 2008, 64, 5079-5084.	1.0	25
62	Laccase-mediated dimerization of the flavonolignan silybin. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 50, 87-92.	1.8	34
63	Incorporation of primary amines into a poly(1,5-dioxepan-2-one) via lipase-catalyzed ring-opening polymerization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 52-53, 158-161.	1.8	3
64	Induction and characterization of an unusual Î±-d-galactosidase from <i>Talaromyces flavus</i> . <i>Journal of Biotechnology</i> , 2007, 128, 61-71.	1.9	18
65	Incorporation of Primary Amines into a Polyester Chain by a Combination of Chemical and Lipase-Catalyzed Îµ-Caprolactone Ring-Opening Processes. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1963-1968.	2.1	12
66	Laccase-Mediated Oxidation of Totarol. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1507-1513.	2.1	49
67	Laccase-Catalyzed Dimerization of Hydroxystilbenes. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1497-1506.	2.1	92
68	Laccases: blue enzymes for green chemistry. <i>Trends in Biotechnology</i> , 2006, 24, 219-226.	4.9	1,057
69	Unique transglycosylation potential of extracellular Î±-d-galactosidase from <i>Talaromyces flavus</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2006, 39, 128-134.	1.8	20
70	Laccase-mediated oxidation of natural glycosides. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2006, 39, 3-8.	1.8	48
71	Î²-1,4-Galactosyltransferase-catalyzed glycosylation of sugar derivatives: Modulation of the enzyme activity by Î±-lactalbumin, immobilization and solvent tolerance. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2006, 39, 98-104.	1.8	13
72	Exploitation of the alcohol dehydrogenase-acetone NADP-regeneration system for the enzymatic preparative-scale production of 12-ketodeoxycholic acid. <i>Biotechnology and Bioengineering</i> , 2006, 93, 1216-1220.	1.7	32

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73	Regioselective enzymatic acylation of vicinal diols of steroids. <i>Tetrahedron</i> , 2005, 61, 3065-3073.	1.0	37
74	Significant and Unexpected Solvent Influence on the Selectivity of Laccase-Catalyzed Coupling of Tetrahydro-2-naphthol Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 973-977.	2.1	48
75	Biocatalyzed Generation of Molecular Diversity: Selective Modification of the Saponin Asiaticoside. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1168-1174.	2.1	41
76	Short enantioselective synthesis of sedridines, ethylnorlobelols and coniine via reagent-based differentiation. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2225-2229.	1.8	34
77	Enantioselective esterase activity of an industrial glutaryl acylase. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2509-2513.	1.8	3
78	Selective laccase-mediated oxidation of sugars derivatives. <i>Green Chemistry</i> , 2005, 7, 310.	4.6	93
79	Regioselective enzymatic acylation of polyhydroxylated sesquiterpenoids. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 29, 95-98.	1.8	9
80	Regioselective enzymatic acylation of N-acetylhexosamines. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 29, 219-225.	1.8	13
81	Biotransformation of resveratrol: synthesis of trans-dehydrodimers catalyzed by laccases from <i>Myceliophthora thermophyla</i> and from <i>Trametes pubescens</i> . <i>Tetrahedron</i> , 2004, 60, 595-600.	1.0	147
82	The biocatalyzed stereoselective preparation of polycyclic cyanohydrins. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 21-27.	1.8	22
83	Laccase-mediated oxidation of the steroid hormone 17 β -estradiol in organic solvents. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2927-2931.	1.8	110
84	Generation of an α -L-rhamnosidase library and its application for the selective derhamnosylation of natural products. <i>Biotechnology and Bioengineering</i> , 2004, 87, 763-771.	1.7	60
85	Highly selective lipase-mediated discrimination of diastereomeric 5,6-epoxysteroids. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1173-1179.	1.8	18
86	Enzyme assisted enantioselective synthesis of the alkaloid (+)-aloperine. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2921-2925.	1.8	43
87	Remote control of enzyme selectivity: the case of stevioside and steviolbioside. <i>Tetrahedron</i> , 2004, 60, 741-746.	1.0	12
88	Partial purification of <i>Nigella sativa</i> L. Seed lipase and its application in transesterification reactions. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2003, 80, 43-48.	0.8	18
89	Partial purification of <i>nigella sativa</i> L. Seed lipase and its application in hydrolytic reactions. Enrichment of γ -linolenic acid from borage oil. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2003, 80, 237-241.	0.8	4
90	Glutaryl Acylases: One-Reaction Enzymes or Versatile Enantioselective Biocatalysts?. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 783-789.	2.1	6

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91	Separation and characterization of two catalase activities isolated from the yeast <i>Trigonopsis variabilis</i> . <i>Enzyme and Microbial Technology</i> , 2003, 32, 596-605.	1.6	15
92	Kinetic resolutions of racemic amines and alcohols catalyzed by an industrial glutaryl-7-aminocephalosporanic acid acylase with unexpected broad substrate specificity. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1091-1094.	1.8	4
93	Remote Stereocenter Discrimination in the Enzymatic Resolution of Piperidine-2-ethanol. Short Enantioselective Synthesis of Sedamine and Allosedamine. <i>Journal of Organic Chemistry</i> , 2003, 68, 9525-9527.	1.7	69
94	The Synthesis of Allolactose from Amygdalin. <i>Journal of Carbohydrate Chemistry</i> , 2003, 22, 267-274.	0.4	2
95	Enzymatic modification of the sugar moieties of natural glycosides. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002, 19-20, 43-54.	1.8	40
96	Biocatalytic Generation of Molecular Diversity: Modification of Ginsenoside Rb1 by Î²-1,4-Galactosyltransferase and <i>Candida antarctica</i> Lipase, Part 4 For Part 3, see [1].. <i>Helvetica Chimica Acta</i> , 2002, 85, 1943.	1.0	34
97	Exploitation of a library of Î³-galactosidases for the synthesis of building blocks for glycopolymers. <i>Biotechnology and Bioengineering</i> , 2002, 77, 105-110.	1.7	12
98	Selectivity of the (S)-oxynitrilase from <i>Hevea brasiliensis</i> towards Î±- and Î²-substituted aldehydes. <i>Tetrahedron</i> , 2002, 58, 2979-2983.	1.0	17
99	Natural and Artificial Microenzymes: Is It Possible to have Small and Efficient Biocatalysts?. <i>Biocatalysis and Biotransformation</i> , 2001, 19, 251-266.	1.1	6
100	Regioselective Enzymatic Glycosylation of Natural Polyhydroxylated Compounds: Galactosylation and Glucosylation of Protopanaxatriol Ginsenosides1. <i>Journal of Organic Chemistry</i> , 2001, 66, 262-269.	1.7	29
101	On the selectivity of oxynitrilases towards Î±-oxygenated aldehydes. <i>Tetrahedron</i> , 2001, 57, 2213-2220.	1.0	34
102	Biocatalytic modification of natural products. <i>Current Opinion in Chemical Biology</i> , 2001, 5, 106-111.	2.8	79
103	Performances of new sugar-bearing poly(acrylamide) copolymers as DNA sieving matrices and capillary coatings for electrophoresis. <i>Electrophoresis</i> , 2001, 22, 699-706.	1.3	21
104	Enzymatic Kinetic Resolution of Methyl 3-Phenylglycidate by Transesterification with Amino Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2001, 343, 721-725.	2.1	10
105	Enzymatic glycosylation using 6-O-acylated sugar donors and acceptors: Î²-N-acetylhexosaminidase-catalysed synthesis of 6-O,N-triacetylchitobiose and 6-O,N-triacetylchitobiose. <i>Carbohydrate Research</i> , 2001, 331, 143-148.	1.1	33
106	Enzymatic galactosylation of C-glycosides analogues en route to C-glycopeptides. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2001, 11, 343-348.	1.8	3
107	Enzymatic redox isomerization of 1,6-disaccharides by pyranose oxidase and NADH-dependent aldose reductase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2001, 11, 407-414.	1.8	16
108	Use of New Aminosugar Derivatives as Comonomers for the Synthesis of Glycosylated Poly(Amido-Amines). <i>Journal of Bioactive and Compatible Polymers</i> , 2001, 16, 479-491.	0.8	6

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109	Characterization of an industrial biocatalyst: Immobilized glutaryl-7-ACA acylase. <i>Biotechnology and Bioengineering</i> , 2000, 70, 239-244.	1.7	43
110	Properties and Synthetic Applications of Enzymes in Organic Solvents. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2226-2254.	7.2	654
111	Enzyme Selectivity in Organic Media. , 2000, , 133-145.		1
112	Sugar Transformations Using Enzymes in Non-Aqueous Media. , 2000, , 146-159.		4
113	Enzymatic synthesis of iso-globotriose from partially protected lactose. <i>Tetrahedron Letters</i> , 1999, 40, 9297-9299.	0.7	25
114	On the regioselectivity of the protease subtilisin towards the acylation of enantiomeric pairs of benzyl and naphthyl glycopyranosides. Part 2. <i>Tetrahedron</i> , 1999, 55, 2045-2060.	1.0	17
115	Almond oxynitrilase-catalyzed transformation of aldehydes is strongly influenced by naphthyl and alkoxy substituents. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 3939-3949.	1.8	29
116	Application of Lipase-Catalyzed Regioselective Esterification in the Preparation of Digitonin Derivatives. <i>Journal of Natural Products</i> , 1999, 62, 670-673.	1.5	13
117	Subtilisin-catalyzed esterification of di- and oligosaccharides containing a d-fructose moiety. <i>Carbohydrate Research</i> , 1998, 314, 259-266.	1.1	37
118	Enzymatic Modification of Natural Compounds with Pharmacological Properties. <i>Annals of the New York Academy of Sciences</i> , 1998, 864, 70-80.	1.8	26
119	Almond oxynitrilase-catalyzed transformation of substituted aldehydes. Part 2. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 1998, 5, 223-228.	1.8	13
120	Studies on enantiotopic differentiation in the horse liver alcohol dehydrogenase catalysed reduction of chiral tricarbonyl(l-6-benzaldehyde)chromium complexes. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1497-1504.	1.8	7
121	Comparison of antibody and albumin catalyzed hydrolysis of steroidalp-nitrophenylcarbonates. <i>Applied Biochemistry and Biotechnology</i> , 1998, 75, 33-44.	1.4	7
122	Stereoselective enzymatic galactosylation of C-glucosides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 1255-1256.	0.9	12
123	Separations of DNA fragments by capillary electrophoresis in N-substituted polyacrylamides. <i>Journal of Chromatography A</i> , 1997, 781, 347-355.	1.8	44
124	Regioselective acylation of polyhydroxylated natural compounds catalyzed by <i>Candida Antarctica</i> lipase B (Novozym 435) in organic solvents. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 1997, 3, 193-201.	1.8	100
125	The enantioselectivity of lipase PS in chlorinated solvents increases as a function of substrate conversion. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2167-2173.	1.8	15
126	<i>Candida antarctica</i> lipase B catalyzes the regioselective esterification of ecdysteroids at the C-2 OH. <i>Tetrahedron</i> , 1997, 53, 5855-5862.	1.0	24

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127	Regioselective Enzyme-Mediated Glycosylation of Natural Polyhydroxy Compounds. Part 1. Galactosylation of stevioside and steviolbioside. <i>Helvetica Chimica Acta</i> , 1997, 80, 1153-1160.	1.0	19
128	Activity, stability, and conformation of methoxypoly(ethylene glycol)-subtilisin at different concentrations of water in dioxane. , 1997, 54, 50-57.		29
129	Effect of organic cosolvents on the stability and activity of the β -1,4-galactosyltransferase from bovine colostrum. <i>Carbohydrate Research</i> , 1997, 305, 525-531.	1.1	13
130	A Two-Step Efficient Chemoenzymatic Synthesis of Flavonoid Glycoside Malonates. <i>Journal of Natural Products</i> , 1996, 59, 618-621.	1.5	30
131	Synthetic Applications of NAD(P)(H)-dependent Enzymes. <i>Annals of the New York Academy of Sciences</i> , 1996, 799, 642-649.	1.8	6
132	Nitrile oxides in medicinal chemistry. 6. Enzymatic resolution of a set of bicyclic β -isoxazolines. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 787-796.	1.8	11
133	Oxynitrilase-catalyzed transformation of substituted aldehydes: The case of (\pm)-2-phenylpropionaldehyde and of (\pm)-3-phenylbutyraldehyde. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1675-1682.	1.8	26
134	Regioselective acylation of disaccharides by enzymatic transesterification. <i>Carbohydrate Research</i> , 1996, 291, 197-204.	1.1	26
135	A new enzymatic route to the synthesis of 12-ketoursodeoxycholic acid. <i>Biotechnology Letters</i> , 1996, 18, 305.	1.1	21
136	Role of solvents in the control of enzyme selectivity in organic media. <i>Trends in Biotechnology</i> , 1995, 13, 63-70.	4.9	307
137	Indole alkaloids. Enantiocontrolled synthesis and absolute configuration of (+)-decarbomethoxy-15,20;16,17-tetrahydrosecodine. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1229-1232.	1.8	9
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