

Elisabetta Brenna

List of Publications by Year in descending order

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152
papers

3,881
citations

147801

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168389

53
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all docs

172
docs citations

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times ranked

3017
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective perception of chiral odorants. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1-42.	1.8	292
2	Biocatalytic preparation of natural flavours and fragrances. <i>Trends in Biotechnology</i> , 2005, 23, 193-198.	9.3	289
3	New Class of Chiral Diphosphine Ligands for Highly Efficient Transition Metal-Catalyzed Stereoselective Reactions: The Bis(diphenylphosphino) Five-membered Biheteroaryls. <i>Journal of Organic Chemistry</i> , 1996, 61, 6244-6251.	3.2	172
4	The First Chiral Conjugated Polymer: An Electroconducting Polythiophene with Covalently Bound Fullerene Moieties. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 648-651.	4.4	128
5	Chiral atropisomeric five-membered biheteroaromatic diphosphines: New ligands of the bibenzimidazole and biindole series. <i>Journal of Organometallic Chemistry</i> , 1997, 529, 445-453.	1.8	93
6	Optically Active Ionones and Derivatives: Preparation and Olfactory Properties. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 967-978.	2.4	85
7	Biocatalytic Methods for the Synthesis of Enantioenriched Odor Active Compounds. <i>Chemical Reviews</i> , 2011, 111, 4036-4072.	47.7	78
8	Biotechnological Development of a Practical Synthesis of Ethyl (S)-2-Ethoxy-3-(p-methoxyphenyl)propanoate (EEHP): Over 100-Fold Productivity Increase from Yeast Whole Cells to Recombinant Isolated Enzymes. <i>Organic Process Research and Development</i> , 2012, 16, 269-276.	2.7	71
9	Chirality and Fragrance Chemistry: Stereoisomers of the Commercial Chiral Odorants Muguesia and Pamplefleur. <i>Journal of Organic Chemistry</i> , 2005, 70, 1281-1290.	3.2	63
10	Lipase-catalyzed resolution of p-menthan-3-ols monoterpenes: preparation of the enantiomer-enriched forms of menthol, isopulegol, trans- and cis-piperitol, and cis-isopiperitenol. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3313-3319.	1.8	55
11	Enantioselective synthesis of β^2 -substituted butyric acid derivatives via orthoester Claisen rearrangement of enzymatically resolved allylic alcohols: application to the synthesis of (R)-(β^2)-baclofen. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 3801-3805.	1.8	53
12	Highly Ordered Poly(cyclopentabithiophenes) Functionalized with Crown-Ether Moieties for Lithium- and Sodium-Sensing Electrodes. <i>Chemistry of Materials</i> , 1998, 10, 2167-2176.	6.7	53
13	Enoate Reductase-Mediated Preparation of Methyl (S)-2-Bromobutanoate, a Useful Key Intermediate for the Synthesis of Chiral Active Pharmaceutical Ingredients. <i>Organic Process Research and Development</i> , 2012, 16, 262-268.	2.7	53
14	Cascade Coupling of Ene Reductases with Alcohol Dehydrogenases: Enantioselective Reduction of Prochiral Unsaturated Aldehydes. <i>ChemCatChem</i> , 2012, 4, 653-659.	3.7	52
15	Opposite Enantioselectivity in the Bioreduction of β^2 -Aryl β^2 -Cyanoacrylates Mediated by the Tryptophan 116 Mutants of Old Yellow Enzyme 1: Synthetic Approach to β^2 - and β^3 -Aryl β^3 -Lactams. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1849-1860.	4.3	51
16	Recent Advances in the Benzannulation of Substituted β^2 -Alkoxy-carbonyl- β^3 , β^5 -Hexadienoic Acids and β^2 -Alkoxy-carbonyl-hex- β^3 -enoic Acids to Polysubstituted Aromatics. <i>Chemistry - A European Journal</i> , 2007, 13, 6782-6791.	3.3	50
17	Synthesis of Robalzotan, Ebalzotan, and Rotigotine Precursors via the Stereoselective Multienzymatic Cascade Reduction of β^2 , β^3 -Unsaturated Aldehydes. <i>Journal of Organic Chemistry</i> , 2013, 78, 4811-4822.	3.2	47
18	(Diphenylphosphino)-biheteroaryls: the first example of a new class of chiral atropisomeric chelating diphosphine ligands for transition metal catalysed stereoselective reactions. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 685-686.	2.0	46

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19	Baker's yeast-mediated approach to (âˆ“)-cis- and (+)-trans-Aerangis lactones. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1871-1879.	1.8	44
20	Biocatalysed synthesis of the enantiomers of the floral odorant FlorhydralÂ®. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 899-904.	1.8	44
21	Lipase-catalysed preparation of enantiomerically enriched odorants. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 32, 33-51.	1.8	44
22	Steric and Electronic Effects in Methyl-Substituted 2,2â€“-Bipyrroles and Poly(2,2â€“-Bipyrrole)s:Â Part I. Synthesis and Characterization of Monomers and Polymers. <i>Chemistry of Materials</i> , 2000, 12, 1480-1489.	6.7	42
23	Anion Assisted Anodic Coupling of 2,2'-Bipyrrole. Role of Tosylate Anion in the Electrochemical Synthesis of Polypyrrole. <i>Chemistry of Materials</i> , 1995, 7, 1464-1468.	6.7	40
24	Synthesis, Olfactory Evaluation, and Determination of the Absolute Configuration of the 3,4-Didehydroionone Stereoisomers. <i>Helvetica Chimica Acta</i> , 2006, 89, 1110-1122.	1.6	40
25	Studies on Wallach's imidazole synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 675.	0.9	39
26	Old Yellow Enzyme-mediated reduction of Î²-cyano-Î±,Î²-unsaturated esters for the synthesis of chiral building blocks: stereochemical analysis of the reaction. <i>Catalysis Science and Technology</i> , 2013, 3, 1136.	4.1	39
27	Productivity enhancement of C=C bioreductions by coupling the in situ substrate feeding product removal technology with isolated enzymes. <i>Chemical Communications</i> , 2012, 48, 79-81.	4.1	37
28	A Novel General Route for the Synthesis of C-Glycosyl Tyrosine Analogues. <i>Chemistry - A European Journal</i> , 2002, 8, 1872.	3.3	35
29	Biocatalyzed Enantioselective Reduction of Activated C=C Bonds: Synthesis of Enantiomerically Enriched Î±-Halo-Î²-arylpropionic Acids. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4015-4022.	2.4	35
30	Enzyme-Mediated Synthesis of (S)- and (R)-Verapamil. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 1349-1357.	2.4	34
31	Stereochemical Outcome of the Biocatalysed Reduction of Activated Tetrasubstituted Olefins by Old Yellow Enzymes 1â€“3. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 105-112.	4.3	34
32	Cascade Coupling of Eneâ€“Reductases and Î±-Transaminases for the Stereoselective Synthesis of Diastereomerically Enriched Amines. <i>ChemCatChem</i> , 2015, 7, 3106-3109.	3.7	34
33	Preparation of the Enantiomerically Enriched Isomers of the Odorous Cyclic Ethers Clarycetâ€“, Florolâ€“, and Rhubafuranâ€“ by Enzymatic Catalysis. <i>Helvetica Chimica Acta</i> , 2004, 87, 765-780.		33
34	Substrate scope and synthetic applications of the enantioselective reduction of Î±-alkyl-Î²-arylenones mediated by Old Yellow Enzymes. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2988.	2.8	33
35	A new two step route to 1-hydroxy-9H-3-carbazolecarboxylic acid derivatives from 3-formylindole. Application to the synthesis of mukonine. <i>Tetrahedron</i> , 1998, 54, 1585-1588.	1.9	31
36	Steric and Electronic Effects in Methyl-Substituted 2,2â€“-Bipyrroles and Poly(2,2â€“-Bipyrrole)s:Â Part II. Theoretical Investigation on Monomers. <i>Chemistry of Materials</i> , 2000, 12, 1490-1499.	6.7	31

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37	Peroxygenase-catalyzed Enantioselective Sulfoxidations. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 7186-7189.	2.4	29
38	Substrate-engineering approach to the stereoselective chemo-multienzymatic cascade synthesis of <i>Nicotiana tabacum</i> lactone. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 114, 77-85.	1.8	28
39	Lipase-mediated synthesis of the enantiomeric forms of 4,5-epoxy-4,5-dihydro- $\hat{1}\pm$ -ionone and 5,6-epoxy-5,6-dihydro- $\hat{1}^2$ -ionone. A new direct access to enantiopure (R)- and (S)- $\hat{1}\pm$ -ionone. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 271-278.	0.9	27
40	From commercial racemic fragrances to odour active enantiopure compounds: the ten isomers of irone. <i>Comptes Rendus Chimie</i> , 2003, 6, 529-546.	0.5	27
41	Determination of the Synthetic Origin of Methamphetamine Samples by ^2H NMR Spectroscopy. <i>Analytical Chemistry</i> , 2006, 78, 3113-3117.	6.5	27
42	Intramolecular delocalization of $\hat{1}$ electrons in polythiophenes with fixed conformation: A spectroscopic study. <i>Journal of Chemical Physics</i> , 1993, 98, 4531-4542.	3.0	26
43	Enantioselective synthesis of cis-7-methoxy-calamenene via Claisen rearrangement of an enzymatically resolved allyl alcohol. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 335-340.	1.8	26
44	Enzyme-catalysed approach to the preparation of triazole antifungals: synthesis of (\hat{a})-genaconazole. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2413-2420.	1.8	26
45	Baker's Yeast Reduction of $\hat{1}^2$ -Hydroxy Ketones. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 142-151.	2.4	26
46	Steric Effects on the Stereochemistry of Old Yellow Enzyme-mediated Reductions of Unsaturated Diesters: Flipping of the Substrate within the Enzyme Active Site Induced by Structural Modifications. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2859-2864.	4.3	26
47	Exploitation of a Multienzymatic Stereoselective Cascade Process in the Synthesis of 2-Methyl-3-Substituted Tetrahydrofuran Precursors. <i>Journal of Organic Chemistry</i> , 2017, 82, 2114-2122.	3.2	26
48	Enzyme-mediated synthesis of (R)- and (S)- $\hat{1}\pm$ -ionone. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 4129-4134.	0.9	24
49	Enzyme-Mediated Syntheses of the Enantiomers of $\hat{1}^3$ -Irones. <i>Helvetica Chimica Acta</i> , 2001, 84, 3650-3666.	1.6	23
50	Applications of biocatalysis in fragrance chemistry: the enantiomers of $\hat{1}\pm$, $\hat{1}^2$, and $\hat{1}^3$ -irones. <i>Chemical Society Reviews</i> , 2008, 37, 2443.	38.1	23
51	Chemo-Enzymatic Oxidative Rearrangement of Tertiary Allylic Alcohols: Synthetic Application and Integration into a Cascade Process. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3677-3686.	4.3	23
52	New stereospecific synthesis of Tesaglitazar and Navaglitazar precursors. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2694-2698.	1.8	22
53	Biocatalytic synthesis of chiral cyclic $\hat{1}^3$ -oxoesters by sequential C-H hydroxylation, alcohol oxidation and alkene reduction. <i>Green Chemistry</i> , 2017, 19, 5122-5130.	9.0	22
54	Conformational effects on electrical and spectroscopic properties of bi-, ter-, and poly-thiophenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 881.	2.0	21

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55	Enantioselective synthesis of benzylic stereocentres via Claisen rearrangement of enantiomerically pure allylic alcohols: preparation of (R)- and (S)-3-methyl-2-phenylbutylamine. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2401-2406.	1.8	21
56	Synthesis and olfactory evaluation of the enantiomerically enriched forms of 7,11-epoxymegastigma-5(6)-en-9-one and 7,11-epoxymegastigma-5(6)-en-9-ols isomers, identified in <i>Passiflora edulis</i> . <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1699-1704.	1.8	21
57	Multi-enzyme cascade synthesis of the most odorous stereoisomers of the commercial odorant Muguesia®. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 114, 37-41.	1.8	21
58	Bioprocess Intensification Using Flow Reactors: Stereoselective Oxidation of Achiral 1,3-diols with Immobilized <i>Acetobacter Aceti</i> . <i>Catalysts</i> , 2019, 9, 208.	3.5	21
59	Conversion of Oleic Acid into Azelaic and Pelargonic Acid by a Chemo-Enzymatic Route. <i>Molecules</i> , 2020, 25, 1882.	3.8	21
60	Study in Yellow Investigations in the Stereoselectivity of Ene-Reductases. <i>ChemBioChem</i> , 2022, 23, .	2.6	21
61	Fusion of heterocyclic polymerogenic units onto a central ring: a fruitful approach to the investigation and specific tailoring of the dependence of electrical properties on monomer structure in conductive polyheterocycles. <i>Synthetic Metals</i> , 1992, 51, 287-297.	3.9	20
62	Biocatalyzed preparation of the optically enriched stereoisomers of 4-methyl-2-phenyl-tetrahydro-2H-pyran (Doremox®). <i>Canadian Journal of Chemistry</i> , 2002, 80, 714-723.	1.1	20
63	Enantioselective Synthesis of Arylpropanenitriles Catalysed by Ene-Reductases in Aqueous Media and in Biphasic Ionic Liquid-Water Systems. <i>ChemCatChem</i> , 2014, 6, 2425-2431.	3.7	20
64	Biocatalytic retrosynthesis approaches to (2,4,5-trifluorophenyl)alanine, key precursor of the antidiabetic sitagliptin. <i>Green Chemistry</i> , 2019, 21, 4368-4379.	9.0	20
65	Stable Isotope Characterization of the ortho-Oxygenated Phenylpropanoids: Coumarin and Melilotol. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 9383-9388.	5.2	18
66	Isolation and characterisation of a phenolic impurity in a commercial sample of duloxetine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1573-1575.	2.8	18
67	New enzymatic and chemical approaches to enantiopure etodolac. <i>Tetrahedron</i> , 1997, 53, 17769-17780.	1.9	17
68	Recent progress on the iterative construction of 4-substituted-3-hydroxy benzoic acids from unsaturated aldehydes and dimethyl succinate. <i>Tetrahedron</i> , 1997, 53, 15029-15040.	1.9	17
69	Enzymatic Approach to Enantiomerically Pure 5-Alken-2,4-diols and 4-Hydroxy-5-alken-2-ones: Application to the Synthesis of Chiral Synthons. <i>Journal of Organic Chemistry</i> , 2006, 71, 5228-5240.	3.2	17
70	A new enzymatic approach to (R)-Tamsulosin hydrochloride. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 488-492.	1.8	17
71	Enzymatic Methods for the Manipulation and Valorization of Soapstock from Vegetable Oil Refining Processes. <i>Sustainable Chemistry</i> , 2021, 2, 74-91.	4.7	17
72	Stereochemical Analysis of the Enzymic Reduction of the Double Bond of 1- and 2-Substituted Nitrostyrenes and 1-Ethoxycinnamaldehyde through Deuterium Labelling Experiments. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5077-5084.	2.4	16

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73	On the stereochemistry of the Baker's Yeast-mediated reduction of regioisomeric unsaturated aldehydes: Examples of enantioselectivity switch promoted by substrate-engineering. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 84, 94-101.	1.8	16
74	Substrate Scope Evaluation of the Enantioselective Reduction of $\hat{1}^2$ -Alkyl- $\hat{1}^2$ -Eryl Nitroalkenes by Old Yellow Enzymes 1-3 for Organic Synthesis Applications. <i>ChemCatChem</i> , 2016, 8, 577-583.	3.7	16
75	Stereoselectivity Switch in the Reduction of $\hat{1}^2$ -Alkyl- $\hat{1}^2$ -Arylenones by Structure-Guided Designed Variants of the Ene Reductase OYE1. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 89.	4.1	16
76	New route to o-terphenyls: application to the synthesis of 6,7,10,11-tetramethoxy-2-(methoxycarbonyl)triphenylene. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 901-904.	0.9	15
77	The enantiomers of Iralia [®] : preparation and odour evaluation. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1145-1153.	1.8	15
78	Monitoring the synthetic procedures of commercial drugs by 2H NMR spectroscopy: The case of ibuprofen and naproxen. <i>Talanta</i> , 2008, 76, 651-655.	5.5	15
79	Rationalisation of the stereochemical outcome of ene-reductase-mediated bioreduction of $\hat{1}^{\pm}$, $\hat{1}^2$ -difunctionalised alkenes. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 101, 67-72.	1.8	15
80	Multienzymatic Stereoselective Reduction of Tetrasubstituted Cyclic Enones to Halohydrins with Three Contiguous Stereogenic Centers. <i>ACS Catalysis</i> , 2020, 10, 13050-13057.	11.2	15
81	Enzyme-Mediated Preparation of (+)- and (-)-cis- $\hat{1}^{\pm}$ -Irone and (+)- and (-)-trans- $\hat{1}^{\pm}$ -Irone. <i>Helvetica Chimica Acta</i> , 1999, 82, 2246-2259.	1.6	14
82	Enzyme-Mediated Preparation of (+)- and ($\hat{\alpha}$)- $\hat{1}^2$ -Irone and (+)- and ($\hat{\alpha}$)-cis- $\hat{1}^3$ -Irone from Iron alpha [®] . <i>Helvetica Chimica Acta</i> , 2001, 84, 69-86.	1.6	14
83	Enzyme-Mediated Preparation of Chiral 1,3-Dioxane Odorants. <i>Helvetica Chimica Acta</i> , 2003, 86, 592-606.	1.6	14
84	Traceless solid-phase synthesis of 2,4,6-chlorodiamino and triaminopyrimidines. <i>Tetrahedron</i> , 2003, 59, 7147-7156.	1.9	14
85	Asymmetric Bioreduction of $\hat{1}^2$ -Acylaminonitroalkenes: Easy Access to Chiral Building Blocks with Two Vicinal Nitrogen-Containing Functional Groups. <i>ChemCatChem</i> , 2017, 9, 2480-2487.	3.7	14
86	Biocatalytic Approach to Chiral $\hat{1}^2$ -Nitroalcohols by Enantioselective Alcohol Dehydrogenase-Mediated Reduction of $\hat{1}^{\pm}$ -Nitroketones. <i>Catalysts</i> , 2018, 8, 308.	3.5	14
87	Bacterial Biotransformation of Oleic Acid: New Findings on the Formation of $\hat{1}^3$ -Dodecalactone and 10-Ketostearic Acid in the Culture of <i>Micrococcus luteus</i> . <i>Molecules</i> , 2020, 25, 3024.	3.8	14
88	Studies on the Fischer indole synthesis: rearrangements of five-, six- and seven-membered cyclic hydrazones of pyrazoline, tetrahydropyridazine and tetrahydro-1,2-diazepine series in polyphosphoric acid. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 2139-2145.	0.9	13
89	Enzyme-Mediated Preparation of the Single Enantiomers of the Olfactory Active Components of the Woody Odorant Timberol [®] . <i>Helvetica Chimica Acta</i> , 1999, 82, 1762-1773.	1.6	13
90	Enzymatic Approach to and Odor Description of the Twelve Enantiomerically Pure Isomers of Pelargene [®] . <i>Helvetica Chimica Acta</i> , 2006, 89, 177-189.	1.6	13

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91	Enzyme-mediated synthesis of EEHP and EMHP, useful pharmaceutical intermediates of PPAR agonists. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2594-2599.	1.8	13
92	Substituent and catalyst effects on GAC lactonization of $\hat{1}^3$ -hydroxy esters. <i>Catalysis Science and Technology</i> , 2017, 7, 1497-1507.	4.1	13
93	Synthesis, olfactory evaluation and determination of the absolute configuration of the $\hat{1}^2$ - and $\hat{1}^3$ -Iralia [®] isomers. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2316-2322.	1.8	12
94	Intermittent simulated moving bed chromatographic separation of (RS,RS)-2-(2,4-difluorophenyl)butane-1,2,3-triol. <i>Journal of Chromatography A</i> , 2010, 1217, 2840-2846.	3.7	12
95	Identification of fungal ene-reductase activity by means of a functional screening. <i>Fungal Biology</i> , 2015, 119, 487-493.	2.5	12
96	One-Pot Multi-Enzymatic Synthesis of the Four Stereoisomers of 4-Methylheptan-3-ol. <i>Molecules</i> , 2017, 22, 1591.	3.8	12
97	Immobilization of Old Yellow Enzymes via Covalent or Coordination Bonds. <i>Catalysts</i> , 2020, 10, 260.	3.5	12
98	Selectivity in the thiocyanation of 3-alkylindoles: an unexpectedly easy access to 2-isothiocyano derivatives. <i>Tetrahedron Letters</i> , 1990, 31, 7229-7232.	1.4	11
99	Continuous-Flow Biocatalytic Process for the Synthesis of the Best Stereoisomers of the Commercial Fragrances Leather Cyclohexanol (4-Isopropylcyclohexanol) and Woody Acetate (4-(Tert-Butyl)Cyclohexyl Acetate). <i>Catalysts</i> , 2020, 10, 102.	3.5	11
100	Stereoelectronic Effects in Polythiophenes. <i>Molecular Crystals and Liquid Crystals</i> , 1993, 236, 181-188.	0.3	10
101	Traceability of synthetic drugs by position-specific deuterium isotope ratio analysis. <i>Analytica Chimica Acta</i> , 2007, 601, 234-239.	5.4	10
102	Biocatalysed reduction of carboxylic acids to primary alcohols in aqueous medium: A novel synthetic capability of the zygomycete fungus <i>Syncephalastrum racemosum</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 116, 83-88.	1.8	10
103	Chemoselective Biohydrogenation of Alkenes in the Presence of Alkynes for the Homologation of 2-alkynals/3-alkynals into 4-alkynals/alkynols. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2638-2648.	4.3	10
104	Enzyme-Mediated Preparation of the Enantiomerically Enriched Isomers of the Odorous Tetrahydropyranyl Acetates Jasmal [®] and Jessemal [®] , and Their Olfactory Evaluation. <i>Chemistry and Biodiversity</i> , 2006, 3, 677-694.	2.1	9
105	Synthesis and olfactory evaluation of all stereoisomers of the fragrance Nectaryl [®] . <i>Tetrahedron: Asymmetry</i> , 2008, 19, 800-807.	1.8	9
106	Investigating <i>Saccharomyces cerevisiae</i> alkene reductase OYE 3 by substrate profiling, X-ray crystallography and computational methods. <i>Catalysis Science and Technology</i> , 2018, 8, 5003-5016.	4.1	9
107	Aromatic Annulation of Alicyclic $\hat{1}^{\pm}, \hat{1}^2$ -Unsaturated Aldehydes: Synthesis of Chirally Substituted Tetrahydronaphthalenes. <i>Synlett</i> , 1998, 1998, 365-366.	1.8	8
108	Differentiation of Natural and Synthetic Phenylalanine and Tyrosine through Natural Abundance ^2H Nuclear Magnetic Resonance. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4866-4872.	5.2	8

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109	Lipase mediated resolution of cis- and trans-linalool oxide (pyranoid). Journal of Molecular Catalysis B: Enzymatic, 2016, 133, S420-S425.	1.8	8
110	Synthesis of Enantiomerically Enriched 2-Hydroxymethylalkanoic Acids by Oxidative Desymmetrisation of Achiral 1,3-Diols Mediated by <i>Acetobacter acetii</i> . ChemCatChem, 2016, 8, 3796-3803.	3.7	8
111	Old Yellow Enzyme homologues in <i>Mucor circinelloides</i> : expression profile and biotransformation. Scientific Reports, 2017, 7, 12093.	3.3	8
112	Ene-reductase transformation of massoia lactone to γ -decalactone in a continuous-flow reactor. Scientific Reports, 2021, 11, 18794.	3.3	8
113	Enzyme-Mediated Syntheses of Chiral Communication Substances: Fragrances for Perfumery Applications. Current Organic Chemistry, 2003, 7, 1347-1367.	1.6	8
114	Acetylation of Racemic cis- and trans-1,2-Iriols, Mediated by Porcine Pancreatic Lipase (PPL) - A New Route to (R) and (+)-cis-1,2-Irone. European Journal of Organic Chemistry, 2000, 2000, 3031-3038.	2.4	7
115	Enzyme-mediated synthesis of new 1,3-dioxane odorants related to Floropal®. Flavour and Fragrance Journal, 2004, 19, 382-393.	2.6	7
116	Establishing the synthetic origin of amphetamines by 2H NMR spectroscopy. Analyst, The, 2004, 129, 130.	3.5	7
117	Differentiation of Extractive and Synthetic Salicin. The 2H Aromatic Pattern of Natural 2-Hydroxybenzyl Alcohol. Journal of Agricultural and Food Chemistry, 2004, 52, 7747-7751.	5.2	7
118	Two easy photochemical methods for the conversion of commercial ionone alpha into regioisomerically enriched (R)-ionone and (S)-dihydroionone. Flavour and Fragrance Journal, 2007, 22, 505-511.	2.6	7
119	Impurities of tazarotene: Isolation and structural characterisation. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 574-576.	2.8	7
120	A Rapid and High-Throughput Assay for the Estimation of Conversions of Ene-Reductase-Catalysed Reactions. ChemBioChem, 2015, 16, 1571-1573.	2.6	7
121	Enzyme-mediated preparation of enantioenriched forms of trans- and cis-p-menthan-1,8-dien-5-ol. Tetrahedron: Asymmetry, 2006, 17, 792-796.	1.8	6
122	Synthesis of (L)- and (D)-4,6-Dideoxyhexoses and 4,6-Dideoxy-C-phenylglycosides from Enzyme-Generated Products. European Journal of Organic Chemistry, 2008, 2008, 5125-5134.	2.4	6
123	Lipase-catalysed synthesis of homotartaric acid enantiomers. Tetrahedron Letters, 2009, 50, 2249-2251.	1.4	6
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