

# Zhi Li

## List of Publications by Year in descending order

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115  
papers

5,000  
citations

66315

42  
h-index

110317

64  
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122  
all docs

122  
docs citations

122  
times ranked

4390  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytochrome P450 Alkane Hydroxylases of the CYP153 Family Are Common in Alkane-Degrading Eubacteria Lacking Integral Membrane Alkane Hydroxylases. <i>Applied and Environmental Microbiology</i> , 2006, 72, 59-65.	1.4	294
2	Enzyme technology: an overview. <i>Current Opinion in Biotechnology</i> , 2002, 13, 338-344.	3.3	241
3	Recyclable Nanobiocatalyst for Enantioselective Sulfoxidation: Facile Fabrication and High Performance of Chloroperoxidase-Coated Magnetic Nanoparticles with Iron Oxide Core and Polymer Shell. <i>Journal of the American Chemical Society</i> , 2009, 131, 12892-12893.	6.6	160
4	Oxidative biotransformations using oxygenases. <i>Current Opinion in Chemical Biology</i> , 2002, 6, 136-144.	2.8	146
5	Highly regio- and enantioselective multiple oxy- and amino-functionalizations of alkenes by modular cascade biocatalysis. <i>Nature Communications</i> , 2016, 7, 11917.	5.8	142
6	Engineering of Amine Dehydrogenase for Asymmetric Reductive Amination of Ketone by Evolving <i>Rhodococcus</i> Phenylalanine Dehydrogenase. <i>ACS Catalysis</i> , 2015, 5, 1119-1122.	5.5	127
7	Whole-Cell Cascade Biotransformations for One-Pot Multistep Organic Synthesis. <i>ChemCatChem</i> , 2018, 10, 2164-2178.	1.8	97
8	Enantioselective trans-Dihydroxylation of Aryl Olefins by Cascade Biocatalysis with Recombinant <i>Escherichia coli</i> Coexpressing Monooxygenase and Epoxide Hydrolase. <i>ACS Catalysis</i> , 2014, 4, 409-420.	5.5	93
9	Phosphotungstic acid-functionalized magnetic nanoparticles as an efficient and recyclable catalyst for the one-pot production of biodiesel from grease via esterification and transesterification. <i>Green Chemistry</i> , 2014, 16, 1202.	4.6	92
10	Inverting the enantioselectivity of P450 <sub>pyr</sub> monooxygenase by directed evolution. <i>Chemical Communications</i> , 2010, 46, 5461.	2.2	82
11	Highly efficient production of L-lactic acid from xylose by newly isolated <i>Bacillus coagulans</i> C106. <i>Bioresource Technology</i> , 2013, 132, 38-44.	4.8	82
12	Efficient production of biodiesel from waste grease: One-pot esterification and transesterification with tandem lipases. <i>Bioresource Technology</i> , 2012, 123, 332-337.	4.8	77
13	Engineering of P450 <sub>pyr</sub> Hydroxylase for the Highly Regio- and Enantioselective Subterminal Hydroxylation of Alkanes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3120-3124.	7.2	77
14	Preparation of (R)- and (S)-N-Protected 3-Hydroxypyrrolidines by Hydroxylation with <i>Sphingomonas</i> sp. HXN-200, a Highly Active, Regio- and Stereoselective, and Easy to Handle Biocatalyst. <i>Journal of Organic Chemistry</i> , 2001, 66, 8424-8430.	1.7	73
15	Recent advances in enzymatic oxidation of alcohols. <i>Current Opinion in Chemical Biology</i> , 2018, 43, 77-86.	2.8	72
16	Biocatalytic Formal Anti-Markovnikov Hydroamination and Hydration of Aryl Alkenes. <i>ACS Catalysis</i> , 2017, 7, 5225-5233.	5.5	70
17	Highly active, stable, and recyclable magnetic nano-size solid acid catalysts: efficient esterification of free fatty acid in grease to produce biodiesel. <i>Green Chemistry</i> , 2012, 14, 3077.	4.6	69
18	Enantioselective Hydrolysis of Racemic and Meso-Epoxides with Recombinant <i>Escherichia coli</i> Expressing Epoxide Hydrolase from <i>Sphingomonas</i> sp. HXN-200: Preparation of Epoxides and Vicinal Diols in High ee and High Concentration. <i>ACS Catalysis</i> , 2013, 3, 752-759.	5.5	69

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19	Cascade Biocatalysis for Sustainable Asymmetric Synthesis: From Biobased $\alpha$ -Phenylalanine to High-Value Chiral Chemicals. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11647-11650.	7.2	69
20	Fast biodegradation of long chain n-alkanes and crude oil at high concentrations with <i>Rhodococcus</i> sp. Moj-3449. <i>Enzyme and Microbial Technology</i> , 2009, 45, 195-202.	1.6	68
21	Simple and Efficient Immobilization of Extracellular His-Tagged Enzyme Directly from Cell Culture Supernatant As Active and Recyclable Nanobiocatalyst: High-Performance Production of Biodiesel from Waste Grease. <i>ACS Catalysis</i> , 2015, 5, 3157-3161.	5.5	68
22	Efficient transformation of grease to biodiesel using highly active and easily recyclable magnetic nanobiocatalyst aggregates. <i>Bioresource Technology</i> , 2013, 145, 233-239.	4.8	64
23	Directed evolution of <i>Thermomyces lanuginosus</i> lipase to enhance methanol tolerance for efficient production of biodiesel from waste grease. <i>Bioresource Technology</i> , 2017, 245, 1491-1497.	4.8	63
24	Optimization of dilute acid-catalyzed hydrolysis of oil palm empty fruit bunch for high yield production of xylose. <i>Chemical Engineering Journal</i> , 2012, 181-182, 636-642.	6.6	62
25	Evolving P450 <sub>pyr</sub> hydroxylase for highly enantioselective hydroxylation at non-activated carbon atom. <i>Chemical Communications</i> , 2012, 48, 4618.	2.2	61
26	Enantioselective Cascade Biocatalysis via Epoxide Hydrolysis and Alcohol Oxidation: One-Pot Synthesis of (R)- $\beta$ -Hydroxy Ketones from Meso- or Racemic Epoxides. <i>ACS Catalysis</i> , 2015, 5, 51-58.	5.5	61
27	Practical Syntheses of N-Substituted 3-Hydroxyazetidines and 4-Hydroxypiperidines by Hydroxylation with <i>Sphingomonas</i> sp. HXN-200. <i>Organic Letters</i> , 2002, 4, 1859-1862.	2.4	60
28	Biocatalytic selective functionalisation of alkenes via single-step and one-pot multi-step reactions. <i>Chemical Communications</i> , 2019, 55, 883-896.	2.2	58
29	Asymmetric dihydroxylation of aryl olefins by sequential enantioselective epoxidation and regioselective hydrolysis with tandem biocatalysts. <i>Chemical Communications</i> , 2009, , 1481.	2.2	51
30	Amide Synthesis via Aminolysis of Ester or Acid with an Intracellular Lipase. <i>ACS Catalysis</i> , 2018, 8, 8856-8865.	5.5	51
31	Preparation of optically active N-benzyl-3-hydroxypyrrolidine by enzymatic hydroxylation. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1323-1333.	1.8	50
32	Facile fabrication of recyclable and active nanobiocatalyst: purification and immobilization of enzyme in one pot with Ni-NTA functionalized magnetic nanoparticle. <i>Chemical Communications</i> , 2011, 47, 8115.	2.2	50
33	Biological detoxification of furfural and 5-hydroxyl methyl furfural in hydrolysate of oil palm empty fruit bunch by <i>Enterobacter</i> sp. FDS8. <i>Biochemical Engineering Journal</i> , 2013, 72, 77-82.	1.8	50
34	Asymmetric epoxidation of alkenes and benzylic hydroxylation with P450 <sub>tol</sub> monooxygenase from <i>Rhodococcus coprophilus</i> TC-2. <i>Chemical Communications</i> , 2014, 50, 8771.	2.2	49
35	Whole-cell based solvent-free system for one-pot production of biodiesel from waste grease. <i>Bioresource Technology</i> , 2012, 114, 725-729.	4.8	48
36	Synthesis and characterization of elastic star shape-memory polymers as self-expandable drug-eluting stents. <i>Journal of Materials Chemistry</i> , 2012, 22, 7403.	6.7	47

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37	Engineered P450 <sub>pyr</sub> monooxygenase for asymmetric epoxidation of alkenes with unique and high enantioselectivity. <i>Chemical Communications</i> , 2013, 49, 11572.	2.2	47
38	Preparation of (S)-N-Substituted 4-Hydroxy-pyrrolidin-2-ones by Regio- and Stereoselective Hydroxylation with <i>Sphingomonas</i> sp. HXN-200. <i>Organic Letters</i> , 2000, 2, 3949-3952.	2.4	46
39	Simultaneous detoxification, saccharification and co-fermentation of oil palm empty fruit bunch hydrolysate for L-lactic acid production by <i>Bacillus coagulans</i> J12. <i>Biochemical Engineering Journal</i> , 2014, 83, 16-21.	1.8	46
40	High-Throughput Method for Determining the Enantioselectivity of Enzyme-Catalyzed Hydroxylations Based on Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5278-5283.	7.2	44
41	Temperature-responsive nanobiocatalysts with an upper critical solution temperature for high performance biotransformation and easy catalyst recycling: efficient hydrolysis of cellulose to glucose. <i>Green Chemistry</i> , 2015, 17, 1194-1203.	4.6	44
42	Efficient NADPH Recycling in Enantioselective Bioreduction of a Ketone with Permeabilized Cells of a Microorganism Containing a Ketoreductase and a Glucose 6-Phosphate Dehydrogenase. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 429-433.	2.1	43
43	Bioreduction with Efficient Recycling of NADPH by Coupled Permeabilized Microorganisms. <i>Applied and Environmental Microbiology</i> , 2009, 75, 687-694.	1.4	42
44	Coupled Immobilized Amine Dehydrogenase and Glucose Dehydrogenase for Asymmetric Synthesis of Amines by Reductive Amination with Cofactor Recycling. <i>ChemCatChem</i> , 2017, 9, 425-431.	1.8	42
45	High-Throughput Measurement of the Enantiomeric Excess of Chiral Alcohols by Using Two Enzymes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1698-1702.	7.2	41
46	Efficient epoxidation of alkenes with hydrogen peroxide, lactone, and lipase. <i>Green Chemistry</i> , 2009, 11, 2047.	4.6	41
47	Regio- and Stereoselective Oxidation of Styrene Derivatives to Arylalkanoic Acids via One-Pot Cascade Biotransformations. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2132-2141.	2.1	40
48	Conversion of acid hydrolysate of oil palm empty fruit bunch to L-lactic acid by newly isolated <i>Bacillus coagulans</i> J12. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4831-4838.	1.7	39
49	Recent Advances in Regio- and Stereoselective Biohydroxylation of Non-Activated Carbon Atoms. <i>Current Organic Chemistry</i> , 2004, 8, 1647-1658.	0.9	39
50	Coupling of permeabilized microorganisms for efficient enantioselective reduction of ketone with cofactor recycling. <i>Chemical Communications</i> , 2006, , 398-400.	2.2	38
51	Enantioselective hydrolysis of styrene oxide with the epoxide hydrolase of <i>Sphingomonas</i> sp. HXN-200. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 47-52.	1.8	38
52	One-Pot Enantioselective Synthesis of $\alpha$ -Phenylglycines from Racemic Mandelic Acids, Styrenes, or Biobased L-Phenylalanine via Cascade Biocatalysis. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4305-4316.	2.1	38
53	Recent advances in artificial enzyme cascades for the production of value-added chemicals. <i>Bioresource Technology</i> , 2021, 323, 124551.	4.8	38
54	Cascade Biotransformations via Enantioselective Reduction, Oxidation, and Hydrolysis: Preparation of (R)- $\gamma$ -Lactones from 2-Alkylidenecyclopentanones. <i>ACS Catalysis</i> , 2013, 3, 908-911.	5.5	37

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55	Enhancing Enantioselectivity and Productivity of P450-Catalyzed Asymmetric Sulfoxidation with an Aqueous/Ionic Liquid Biphasic System. <i>ACS Catalysis</i> , 2014, 4, 3763-3771.	5.5	37
56	Synthesis and Characterization of Novel Copoly(ester-urethane) Containing Blocks of Poly-[(R)-3-hydroxyoctanoate] and Poly-[(R)-3-hydroxybutyrate]. <i>Macromolecules</i> , 2002, 35, 4946-4950.	2.2	36
57	Enantioselective Trans Dihydroxylation of Nonactivated C=C Double Bonds of Aliphatic Heterocycles with Sphingomonas sp. HXN-200. <i>Journal of Organic Chemistry</i> , 2003, 68, 8599-8606.	1.7	35
58	Highly enantioselective hydrolysis of alicyclic meso-epoxides with a bacterial epoxide hydrolase from <i>Sphingomonas</i> sp. HXN-200: simple syntheses of alicyclic vicinal trans-diols. <i>Chemical Communications</i> , 2003, , 960-961.	2.2	35
59	Reversible clustering of magnetic nanobiocatalysts for high-performance biocatalysis and easy catalyst recycling. <i>Chemical Communications</i> , 2012, 48, 4585.	2.2	35
60	Engineering of recombinant <i>E. coli</i> cells co-expressing P450 <sub>pyr</sub> monoxygenase and glucose dehydrogenase for highly regio- and stereoselective hydroxylation of alicycles with cofactor recycling. <i>Biotechnology and Bioengineering</i> , 2013, 110, 363-373.	1.7	34
61	Integrating interfacial self-assembly and electrostatic complexation at an aqueous interface for capsule synthesis and enzyme immobilization. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1672-1676.	5.2	34
62	One-Pot Production of Natural 2-Phenylethanol from L-Phenylalanine via Cascade Biotransformations. <i>ChemCatChem</i> , 2019, 11, 831-840.	1.8	33
63	Enantioselective Benzylic Hydroxylation with <i>Pseudomonas monteilii</i> TA5: A Simple Method for the Syntheses of (R)-Benzylic Alcohols Containing Reactive Functional Groups. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2107-2112.	2.1	32
64	Regio- and stereoselective hydroxylation of N-substituted piperidin-2-ones with <i>Sphingomonas</i> sp. HXN-200. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 2141-2147.	1.8	31
65	Synthesis and Characterization of Novel Thermoplastic Polyester Containing Blocks of Poly[(R)-3-hydroxyoctanoate] and Poly[(R)-3-hydroxybutyrate]. <i>Macromolecules</i> , 2003, 36, 9830-9835.	2.2	30
66	Cascade Biocatalysis for Sustainable Asymmetric Synthesis: From Biobased L-Phenylalanine to High-Value Chiral Chemicals. <i>Angewandte Chemie</i> , 2016, 128, 11819-11822.	1.6	30
67	Preparation of (S)-2-, 3-, and 4-chlorostyrene oxides with the epoxide hydrolase from <i>Sphingomonas</i> sp. HXN-200. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 407-415.	1.8	29
68	Enantioselective Biooxidation of Racemic trans-Cyclic Vicinal Diols: One-Pot Synthesis of Both Enantiopure (S,S)-Cyclic Vicinal Diols and (R,R)-Hydroxy Ketones. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3147-3153.	2.1	29
69	A Simple Biosystem for the High-Yielding Cascade Conversion of Racemic Alcohols to Enantiopure Amines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21745-21751.	7.2	29
70	Encapsulation of enzyme via one-step template-free formation of stable organic-inorganic capsules: A simple and efficient method for immobilizing enzyme with high activity and recyclability. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1092-1101.	1.7	28
71	Evolving P450 <sub>pyr</sub> monoxygenase for highly regioselective terminal hydroxylation of n-butanol to 1,4-butanediol. <i>Chemical Communications</i> , 2015, 51, 914-917.	2.2	28
72	Bioproduction of Benzylamine from Renewable Feedstocks via a Nine-Step Artificial Enzyme Cascade and Engineered Metabolic Pathways. <i>ChemSusChem</i> , 2018, 11, 2221-2228.	3.6	28

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73	Cascade bio-hydroxylation and dehalogenation for one-pot enantioselective synthesis of optically active 1 <sup>2</sup> -halohydrins from haloalkanes. <i>Green Chemistry</i> , 2019, 21, 4324-4328.	4.6	28
74	Enhancing cofactor recycling in the bioconversion of racemic alcohols to chiral amines with alcohol dehydrogenase and amine dehydrogenase by coupling cells and cell-free system. <i>Biotechnology and Bioengineering</i> , 2019, 116, 536-542.	1.7	28
75	Chemical and Enzymatic Synthetic Methods for Asymmetric Oxidation of the C=C Double Bond. <i>Biocatalysis and Biotransformation</i> , 2004, 22, 113-131.	1.1	26
76	Stereoselective oxidation of sulfides to optically active sulfoxides with resting cells of <i>Pseudomonas monteilii</i> CCTCC M2013683. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 106, 100-104.	1.8	26
77	Whole Cell-Based Cascade Biotransformation for the Production of (S)-Mandelic Acid from Styrene, L-Phenylalanine, Glucose, or Glycerol. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3560-3568.	2.1	26
78	Rapid identification of new bacterial alcohol dehydrogenases for (R)- and (S)-enantioselective reduction of $\alpha$ -ketoesters. <i>Chemical Communications</i> , 2004, , 2120-2121.	2.2	23
79	Asymmetric trans-dihydroxylation of cyclic olefins by enzymatic or chemo-enzymatic sequential epoxidation and hydrolysis in one-pot. <i>Green Chemistry</i> , 2011, 13, 2452.	4.6	23
80	Regio- and Stereoselective Allylic Hydroxylation of D-Limonene to (+)-trans-Carveol with <i>Cellulosimicrobium cellulans</i> EB-84. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1849-1856.	2.1	22
81	Regio- and Stereoselective Biohydroxylations with a Recombinant <i>Escherichia coli</i> Expressing P450 <sub>pyr</sub> Monooxygenase of <i>Sphingomonas</i> Sp. HXN-200. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3380-3390.	2.1	21
82	Concurrent oxidations with tandem biocatalysts in one pot: green, selective and clean oxidations of methylene groups to ketones. <i>Chemical Communications</i> , 2011, 47, 3284.	2.2	21
83	Enhancing productivity for cascade biotransformation of styrene to (S)-vicinal diol with biphasic system in hollow fiber membrane bioreactor. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1857-1868.	1.7	21
84	Benzoic acid production via cascade biotransformation and coupled fermentation-biotransformation. <i>Biotechnology and Bioengineering</i> , 2020, 117, 2340-2350.	1.7	21
85	Enantioselective benzylic hydroxylation of indan and tetralin with <i>Pseudomonas monteilii</i> TA-5. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1206-1211.	1.8	18
86	Organic Synthesis via Oxidative Cascade Biocatalysis. <i>Synlett</i> , 2016, 27, 2644-2658.	1.0	18
87	Regio- and Stereoselective Concurrent Oxidations with Whole Cell Biocatalyst: Simple and Green Syntheses of Enantiopure 1,2-Diols via Oxidative Kinetic Resolution. <i>ACS Catalysis</i> , 2011, 1, 591-596.	5.5	16
88	Enoyl acyl carrier protein reductase (FabI) catalyzed asymmetric reduction of the C=C double bond of 1,2-unsaturated ketones: preparation of (R)-2-alkyl-cyclopentanones. <i>Chemical Communications</i> , 2014, 50, 9729-9732.	2.2	16
89	Bioproduction of Enantiopure (R)- and (S)-2-Phenylglycinols from Styrenes and Renewable Feedstocks. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1892-1903.	2.1	16
90	Enzyme-Catalyzed Meinwald Rearrangement with an Unusual Regioselective and Stereospecific 1,2-Methyl Shift. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	16

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91	Production of (R)-mandelic acid from styrene, L-phenylalanine, glycerol, or glucose via cascade biotransformations. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	2.0	14
92	Styrene Oxide Isomerase Catalyzed Meinwald Rearrangement Reaction: Discovery and Application in Single-Step and One-Pot Cascade Reactions. <i>Organic Process Research and Development</i> , 2022, 26, 1960-1970.	1.3	14
93	Engineering P450 Monooxygenases for Highly Regioselective and Active <i>p</i> -Hydroxylation of <i>m</i> -Alkylphenols. <i>ACS Catalysis</i> , 2022, 12, 5939-5948.	5.5	14
94	Evolving P450 <sub>pyr</sub> Monooxygenase for Regio- and Stereoselective Hydroxylations. <i>Chimia</i> , 2015, 69, 136.	0.3	13
95	<i>De Novo</i> Biosynthesis of <i>S</i> - and <i>R</i> -Phenylethanediol in Yeast <i>via</i> Artificial Enzyme Cascades. <i>ACS Synthetic Biology</i> , 2019, 8, 1801-1808.	1.9	12
96	High-Level Production of Phenylacetaldehyde using Fusion-Tagged Styrene Oxide Isomerase. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1714-1721.	2.1	12
97	Bioproduction of Natural Phenethyl Acetate, Phenylacetic Acid, Ethyl Phenylacetate, and Phenethyl Phenylacetate from Renewable Feedstock. <i>ChemSusChem</i> , 2022, 15, .	3.6	11
98	Immobilization of O-acetylserine sulfhydrylase as a highly active and recyclable nanobiocatalyst: efficient synthesis of <i>l</i> -pyrazol-1-yl- <i>l</i> -alanine. <i>Catalysis Science and Technology</i> , 2016, 6, 6286-6293.	2.1	10
99	Production of Natural 2-Phenylethanol from Glucose or Glycerol with Coupled <i>Escherichia coli</i> Strains Expressing <i>l</i> -Phenylalanine Biosynthesis Pathway and Artificial Biocascades. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	10
100	High-yielding, one-pot, and green production of biodiesel from waste grease using wet cells of a recombinant <i>Escherichia coli</i> strain as catalyst. <i>Biochemical Engineering Journal</i> , 2016, 115, 30-37.	1.8	8
101	Facile Synthesis of <i>S</i> -Substituted <i>l</i> -Cysteines with Nano-sized Immobilized <i>O</i> -Acetylserine Sulfhydrylase. <i>ChemCatChem</i> , 2018, 10, 3671-3674.	1.8	7
102	A Simple Biosystem for the High-Yielding Cascade Conversion of Racemic Alcohols to Enantiopure Amines. <i>Angewandte Chemie</i> , 2020, 132, 21929-21935.	1.6	6
103	A secretion-based dual fluorescence assay for high-throughput screening of alcohol dehydrogenases. <i>Biotechnology and Bioengineering</i> , 2021, 118, 1605-1616.	1.7	5
104	Functional Classification of Super-Large Families of Enzymes Based on Substrate Binding Pocket Residues for Biocatalysis and Enzyme Engineering Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 701120.	2.0	5
105	Highly Enantioselective Hydroxylation of 3-Arylpropanenitriles to Access Chiral <i>l</i> -Hydroxy Nitriles by Engineering of P450 <sub>pyr</sub> Monooxygenase. <i>Organic Process Research and Development</i> , 2022, 26, 2046-2051.	1.3	4
106	Production of a chiral alcohol, 1-(3,4-dihydroxyphenyl) ethanol, by mushroom tyrosinase. <i>Biotechnology Letters</i> , 2013, 35, 779-783.	1.1	3
107	Biocatalysis for cascade reactions to produce high-value chemicals. , 2020, , 427-447.		3
108	Enzyme-Catalyzed Meinwald Rearrangement with an Unusual Regioselective and Stereospecific 1,2-Methyl Shift. <i>Angewandte Chemie</i> , 0, , .	1.6	3

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109	Front Cover Picture: One-Pot Enantioselective Synthesis of <i>d</i> -Phenylglycines from Racemic Mandelic Acids, Styrenes, or Biobased <i>l</i> -Phenylalanine via Cascade Biocatalysis (Adv.) <i>Tj ETQq</i> 1.1 0.784314 rgBT		
110	Remodeling enzyme active sites by stepwise loop insertion. <i>Methods in Enzymology</i> , 2020, 643, 111-127.	0.4	2
111	Enzyme engineering for enantioselective biotransformations. , 2020, , 145-167.		1
112	Facile immobilization of his-tagged Microbacterial esterase on Ni-SBA-15 with enhanced stability for efficient synthesis of key chiral intermediate of <i>d</i> -biotin. <i>Bioprocess and Biosystems Engineering</i> , 2022, 45, 1075-1088.	1.7	1
113	Engineering of P450 <sub>pyr</sub> Hydroxylase for the Highly Regio- and Enantioselective Subterminal Hydroxylation of Alkanes ( <i>Angew. Chem.</i> 12/2014). <i>Angewandte Chemie</i> , 2014, 126, 3348-3348.	1.6	0
114	Production of fine chemicals from renewable feedstocks through the engineering of artificial enzyme cascades. , 2022, , 261-279.		0
115	Biocatalysis: Improving Enzymatic Processes through Protein and Reaction Engineering. <i>Organic Process Research and Development</i> , 2022, 26, 1855-1856.	1.3	0