

# Hyungdon Yun

## List of Publications by Year in descending order

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112  
papers

3,727  
citations

126708

33  
h-index

155451

55  
g-index

116  
all docs

116  
docs citations

116  
times ranked

3111  
citing authors

#	ARTICLE	IF	CITATIONS
1	γ-Transaminases for the Production of Optically Pure Amines and Unnatural Amino Acids. <i>ACS Catalysis</i> , 2012, 2, 993-1001.	5.5	264
2	Apple Flavonoid Phloretin Inhibits <i>Escherichia coli</i> O157:H7 Biofilm Formation and Ameliorates Colon Inflammation in Rats. <i>Infection and Immunity</i> , 2011, 79, 4819-4827.	1.0	180
3	Oxidoreductase-Catalyzed Synthesis of Chiral Amines. <i>ACS Catalysis</i> , 2018, 8, 10985-11015.	5.5	150
4	Recent Advances in γ-Transaminase-Mediated Biocatalysis for the Enantioselective Synthesis of Chiral Amines. <i>Catalysts</i> , 2018, 8, 254.	1.6	139
5	Versatile biocatalysis of fungal cytochrome P450 monooxygenases. <i>Microbial Cell Factories</i> , 2016, 15, 125.	1.9	132
6	Revisit of aminotransferase in the genomic era and its application to biocatalysis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2005, 37, 47-55.	1.8	122
7	γ-Amino Acid:Pyruvate Transaminase from <i>Alcaligenes denitrificans</i> Y2k-2: a New Catalyst for Kinetic Resolution of β-Amino Acids and Amines. <i>Applied and Environmental Microbiology</i> , 2004, 70, 2529-2534.	1.4	92
8	In Vivo Residue-Specific Dopa-Incorporated Engineered Mussel Bioglue with Enhanced Adhesion and Water Resistance. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13360-13364.	7.2	88
9	Kinetic resolution of (R,S)-sec-butylamine using omega-transaminase from <i>Vibrio fluvialis</i> JS17 under reduced pressure. <i>Biotechnology and Bioengineering</i> , 2004, 87, 772-778.	1.7	75
10	Cloning and Characterization of a Novel β-Transaminase from <i>Mesorhizobium</i> sp. Strain LUK: a New Biocatalyst for the Synthesis of Enantiomerically Pure β-Amino Acids. <i>Applied and Environmental Microbiology</i> , 2007, 73, 1772-1782.	1.4	70
11	Unnatural amino acid mutagenesis-based enzyme engineering. <i>Trends in Biotechnology</i> , 2015, 33, 462-470.	4.9	66
12	Use of Enrichment Culture for Directed Evolution of the <i>Vibrio fluvialis</i> JS17 γ-Transaminase, Which Is Resistant to Product Inhibition by Aliphatic Ketones. <i>Applied and Environmental Microbiology</i> , 2005, 71, 4220-4224.	1.4	64
13	Biochemical characterization of thermostable γ-transaminase from <i>Sphaerobacter thermophilus</i> and its application for producing aromatic β- and β-amino acids. <i>Enzyme and Microbial Technology</i> , 2016, 87-88, 52-60.	1.6	64
14	Bioconversion of p-coumaric acid to p-hydroxystyrene using phenolic acid decarboxylase from <i>B. amyloliquefaciens</i> in biphasic reaction system. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1501-1511.	1.7	62
15	Recent Advances in Biocatalysis with Chemical Modification and Expanded Amino Acid Alphabet. <i>Chemical Reviews</i> , 2021, 121, 6173-6245.	23.0	62
16	Kinetic resolution of aromatic β-amino acids by γ-transaminase. <i>Chemical Communications</i> , 2011, 47, 5894.	2.2	59
17	Fungal cytochrome P450 monooxygenases of <i>Fusarium oxysporum</i> for the synthesis of γ-hydroxy fatty acids in engineered <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell Factories</i> , 2015, 14, 45.	1.9	56
18	Development of a Selective, Sensitive, and Reversible Biosensor by the Genetic Incorporation of a Metal-Binding Site into Green Fluorescent Protein. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6534-6537.	7.2	55

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19	One-pot one-step deracemization of amines using $\alpha$ -transaminases. <i>Chemical Communications</i> , 2013, 49, 8629.	2.2	52
20	Asymmetric Synthesis of (S)- $\alpha$ -Methylbenzylamine by Recombinant <i>Escherichia coli</i> Co-Expressing Omega-Transaminase and Acetolactate Synthase. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 3030-3033.	0.6	49
21	Bioconjugation of <i>scp</i> -3,4-Dihydroxyphenylalanine Containing Protein with a Polysaccharide. <i>Bioconjugate Chemistry</i> , 2011, 22, 551-555.	1.8	49
22	Simultaneous synthesis of enantiomerically pure (R)-1-phenylethanol and (R)- $\alpha$ -methylbenzylamine from racemic $\alpha$ -methylbenzylamine using omega-transaminase/alcohol dehydrogenase/glucose dehydrogenase coupling reaction. <i>Biotechnology Letters</i> , 2003, 25, 809-814.	1.1	43
23	Deracemization of unnatural amino acid: homoalanine using d-amino acid oxidase and $\alpha$ -transaminase. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2482.	1.5	43
24	Incorporating unnatural amino acids to engineer biocatalysts for industrial bioprocess applications. <i>Biotechnology Journal</i> , 2015, 10, 1862-1876.	1.8	43
25	Deracemization of Racemic Amines to Enantiopure (R)- and (S)-amines by Biocatalytic Cascade Employing $\alpha$ -Transaminase and Amine Dehydrogenase. <i>ChemCatChem</i> , 2019, 11, 1898-1902.	1.8	42
26	Cloning, expression and characterization of CYP102D1, a self-sufficient P450 monooxygenase from <i>Streptomyces avermitilis</i> . <i>FEBS Journal</i> , 2012, 279, 1650-1662.	2.2	40
27	Enhancing Thermostability and Organic Solvent Tolerance of $\alpha$ -Transaminase through Global Incorporation of Fluorotyrosine. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 993-998.	2.1	40
28	Engineering Transaminase for Stability Enhancement and Site-Specific Immobilization through Multiple Noncanonical Amino Acids Incorporation. <i>ChemCatChem</i> , 2015, 7, 417-421.	1.8	40
29	Simultaneous synthesis of enantiomerically pure (S)-amino acids and (R)-amines using coupled transaminase reactions. <i>Biotechnology and Bioengineering</i> , 2003, 81, 783-789.	1.7	38
30	Parallel anti-sense two-step cascade for alcohol amination leading to $\alpha$ -amino fatty acids and $\alpha,\beta$ -diamines. <i>Green Chemistry</i> , 2018, 20, 4591-4595.	4.6	38
31	Stereospecific Synthesis of (R)-2-Hydroxy Carboxylic Acids Using Recombinant <i>E. coli</i> BL21 Overexpressing YiaE from <i>Escherichia coli</i> K12 and Glucose Dehydrogenase from <i>Bacillus subtilis</i> . <i>Biotechnology Progress</i> , 2008, 21, 366-371.	1.3	37
32	Synthesis of enantiomerically pure trans-(1R,2R)- and cis-(1S,2R)-1-amino-2-indanol by lipase and $\alpha$ -transaminase. <i>Biotechnology and Bioengineering</i> , 2006, 93, 391-395.	1.7	36
33	Biosynthesis of Medium- to Long-Chain $\alpha,\beta$ -Diols from Free Fatty Acids Using CYP153A Monooxygenase, Carboxylic Acid Reductase, and <i>E. coli</i> Endogenous Aldehyde Reductases. <i>Catalysts</i> , 2018, 8, 4.	1.6	35
34	Enzymatic synthesis of sitagliptin intermediate using a novel $\alpha$ -transaminase. <i>Enzyme and Microbial Technology</i> , 2019, 120, 52-60.	1.6	34
35	Engineering Protein Sequence Composition for Folding Robustness Renders Efficient Noncanonical Amino acid Incorporations. <i>ChemBioChem</i> , 2010, 11, 2521-2524.	1.3	33
36	Production of chiral $\beta$ -amino acids using $\alpha$ -transaminase from <i>Burkholderia graminis</i> . <i>Journal of Biotechnology</i> , 2015, 196-197, 1-8.	1.9	33

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37	Identification of novel thermostable $\alpha$ -transaminase and its application for enzymatic synthesis of chiral amines at high temperature. <i>RSC Advances</i> , 2016, 6, 69257-69260.	1.7	33
38	Biosynthesis of the Nylon 12 Monomer, $\alpha$ -Aminododecanoic Acid with Novel CYP153A, AlkI, and $\alpha$ -TA Enzymes. <i>Biotechnology Journal</i> , 2018, 13, e1700562.	1.8	33
39	Asymmetric synthesis of aromatic $\beta$ -amino acids using $\alpha$ -transaminase: Optimizing the lipase concentration to obtain thermodynamically unstable $\beta$ -keto acids. <i>Biotechnology Journal</i> , 2016, 11, 185-190.	1.8	32
40	Chemical modification of enzymes to improve biocatalytic performance. <i>Biotechnology Advances</i> , 2021, 53, 107868.	6.0	32
41	Simultaneously Enhancing the Stability and Catalytic Activity of Multimeric Lysine Decarboxylase CadA by Engineering Interface Regions for Enzymatic Production of Cadaverine at High Concentration of Lysine. <i>Biotechnology Journal</i> , 2017, 12, 1700278.	1.8	30
42	Biocatalyzed C-C Bond Formation for the Production of Alkaloids. <i>ChemCatChem</i> , 2018, 10, 4783-4804.	1.8	30
43	Asymmetric synthesis of l-tert-leucine and l-3-hydroxyadamantylglycine using branched chain aminotransferase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 66, 228-233.	1.8	29
44	Engineering class I cytochrome P450 by gene fusion with NADPH-dependent reductase and <i>S. avermitilis</i> host development for daidzein biotransformation. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 8191-8200.	1.7	28
45	Engineering thermal properties of elastin-like polypeptides by incorporation of unnatural amino acids in a cell-free protein synthesis system. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 417-422.	1.4	28
46	Production of $\alpha$ -hydroxy palmitic acid using CYP153A35 and comparison of cytochrome P450 electron transfer system in vivo. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 10375-10384.	1.7	28
47	A New-Generation Fluorescent-Based Metal Sensor "iLOV Protein. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 503-510.	0.9	25
48	Improved NADPH Regeneration for Fungal Cytochrome P450 Monooxygenase by Co-Expressing Bacterial Glucose Dehydrogenase in Resting-Cell Biotransformation of Recombinant Yeast. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 2076-2086.	0.9	25
49	A facile and efficient method for the incorporation of multiple unnatural amino acids into a single protein. <i>Chemical Communications</i> , 2011, 47, 3430.	2.2	24
50	Enzymatic synthesis of chiral $\beta$ -amino acids using $\alpha$ -transaminase. <i>Chemical Communications</i> , 2014, 50, 12680-12683.	2.2	24
51	Biotransformation of $\beta$ -keto nitriles to chiral (S)- $\beta$ -amino acids using nitrilase and $\alpha$ -transaminase. <i>Biotechnology Letters</i> , 2017, 39, 535-543.	1.1	24
52	Simultaneous synthesis of enantiomerically pure (S)-amino acids and (R)-amines using $\beta$ / $\alpha$ -aminotransferase coupling reactions with two-liquid phase reaction system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2003, 26, 273-285.	1.8	22
53	Engineering of daidzein 3-O-methyltransferase P450 enzyme into catalytically self-sufficient cytochrome P450. <i>Microbial Cell Factories</i> , 2012, 11, 81.	1.9	22
54	High throughput screening methods for $\alpha$ -transaminases. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 1-7.	1.4	22

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55	Engineering an FMN-based iLOV protein for the detection of arsenic ions. <i>Analytical Biochemistry</i> , 2017, 525, 38-43.	1.1	22
56	Recent Advances in Enzyme Engineering through Incorporation of Unnatural Amino Acids. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 592-604.	1.4	21
57	FMN-Based Fluorescent Proteins as Heavy Metal Sensors Against Mercury Ions. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 530-539.	0.9	21
58	Kinetic resolution of $\alpha$ -methylbenzylamine by recombinant <i>Pichia pastoris</i> expressing $\alpha$ -transaminase. <i>Biotechnology and Bioprocess Engineering</i> , 2010, 15, 429-434.	1.4	20
59	Asymmetric synthesis of (R)-3-fluoroalanine from 3-fluoropyruvate using omega-transaminase. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 291-296.	1.4	20
60	Construction of a high efficiency copper adsorption bacterial system via peptide display and its application on copper dye polluted wastewater. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 2077-2084.	1.7	20
61	An Integrated Cofactor/Co-product Recycling Cascade for the Biosynthesis of Nylon Monomers from Cycloalkylamines. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3481-3486.	7.2	19
62	One-pot biocatalytic synthesis of nylon monomers from cyclohexanol using <i>Escherichia coli</i> -based concurrent cascade consortia. <i>Green Chemistry</i> , 2021, 23, 9447-9453.	4.6	19
63	Enhancing the biophysical properties of mRFP1 through incorporation of fluoroproline. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 509-514.	1.0	18
64	Biosynthesis of Nylon 12 Monomer, $\alpha$ -Aminododecanoic Acid Using Artificial Self-Sufficient P450, Alk and $\alpha$ -TA. <i>Catalysts</i> , 2018, 8, 400.	1.6	18
65	Biosynthetic substitution of tyrosine in green fluorescent protein with its surrogate fluorotyrosine in <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , 2011, 33, 2201-2207.	1.1	17
66	Comparative functional characterization of a novel benzoate hydroxylase cytochrome P450 of <i>Fusarium oxysporum</i> . <i>Enzyme and Microbial Technology</i> , 2015, 70, 58-65.	1.6	17
67	Temperature sensing using red fluorescent protein. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 67-72.	1.4	17
68	The Kinetic Resolution of Racemic Amines Using a Whole-Cell Biocatalyst Co-Expressing Amine Dehydrogenase and NADH Oxidase. <i>Catalysts</i> , 2017, 7, 251.	1.6	17
69	Enzymatic Synthesis of L-tert-Leucine with Branched Chain Aminotransferase. <i>Journal of Microbiology and Biotechnology</i> , 2011, 21, 1049-1052.	0.9	17
70	Multi-enzymatic cascade reactions with <i>Escherichia coli</i> -based modules for synthesizing various bioplastic monomers from fatty acid methyl esters. <i>Green Chemistry</i> , 2022, 24, 2222-2231.	4.6	17
71	Comparison of P <sub>aprE</sub> , P <sub>amyE</sub> , and P <sub>P43</sub> promoter strength for $\beta$ -galactosidase and staphylokinase expression in <i>Bacillus subtilis</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2008, 13, 313-318.	1.4	16
72	Manganese and cobalt recovery by surface display of metal binding peptide on various loops of OmpC in <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018, 45, 31-41.	1.4	16

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73	Production of 12-hydroxy dodecanoic acid methyl ester using a signal peptide sequence-optimized transporter AlkL and a novel monooxygenase. <i>Bioresource Technology</i> , 2019, 291, 121812.	4.8	16
74	Glutamate as an Efficient Amine Donor for the Synthesis of Chiral $\alpha$ - and $\beta$ -Amino Acids Using Transaminase. <i>ChemCatChem</i> , 2019, 11, 1437-1440.	1.8	16
75	Kinetic Resolution of Racemic Amines to Enantiopure (S)-amines by a Biocatalytic Cascade Employing Amine Dehydrogenase and Alanine Dehydrogenase. <i>Catalysts</i> , 2019, 9, 600.	1.6	15
76	Evaluation and biosynthetic incorporation of chlorotyrosine into recombinant proteins. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 679-686.	1.4	14
77	Kinetic resolution of amines by (R)-selective omega-transaminase from <i>Mycobacterium vanbaalenii</i> . <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 23, 128-133.	2.9	14
78	Protein engineering for covalent immobilization and enhanced stability through incorporation of multiple noncanonical amino acids. <i>Biotechnology and Bioprocess Engineering</i> , 2017, 22, 248-255.	1.4	14
79	Structural dynamics of the transaminase active site revealed by the crystal structure of a co-factor free omega-transaminase from <i>Vibrio fluvialis</i> JS17. <i>Scientific Reports</i> , 2018, 8, 11454.	1.6	14
80	Engineering lead-sensing GFP through rational designing. <i>Chemical Communications</i> , 2014, 50, 15979-15982.	2.2	13
81	Translational incorporation of multiple unnatural amino acids in a cell-free protein synthesis system. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 426-432.	1.4	13
82	Enzymatic production of (R)-phenylacetylcarbinol by pyruvate decarboxylase from <i>Zymomonas mobilis</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2008, 13, 372-376.	1.4	12
83	Light-Triggered In Situ Biosynthesis of Artificial Melanin for Skin Protection. <i>Advanced Science</i> , 2022, 9, e2103503.	5.6	12
84	Crystallization and preliminary X-ray crystallographic studies of omega-transaminase from <i>Vibrio fluvialis</i> JS17. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 923-925.	0.7	11
85	Discovery of Novel <i>Pseudomonas putida</i> Flavin-Binding Fluorescent Protein Variants with Significantly Improved Quantum Yield. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5873-5879.	2.4	11
86	Promoter engineering-mediated Tuning of esterase and transaminase expression for the chemoenzymatic synthesis of sitagliptin phosphate at the kilogram-scale. <i>Biotechnology and Bioengineering</i> , 2021, 118, 3263-3268.	1.7	11
87	Development of Colorimetric HTS Assay of Cytochrome P450 for <i>ortho</i> -Specific Hydroxylation, and Engineering of CYP102D1 with Enhanced Catalytic Activity and Regioselectivity. <i>ChemBioChem</i> , 2013, 14, 1231-1238.	1.3	9
88	Evaluating the role of puckering and fluorine atom in stability and folding of fluoroproline containing proteins. <i>Biotechnology and Bioprocess Engineering</i> , 2017, 22, 504-511.	1.4	9
89	<i>In vivo</i> biosynthesis of tyrosine analogs and their concurrent incorporation into a residue-specific manner for enzyme engineering. <i>Chemical Communications</i> , 2019, 55, 15133-15136.	2.2	9
90	Synthesis of Sitagliptin Intermediate by a Multi-Enzymatic Cascade System Using Lipase and Transaminase With Benzylamine as an Amino Donor. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 757062.	2.0	9

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91	Non-Canonical Amino Acid-Based Engineering of (R)-Amine Transaminase. <i>Frontiers in Chemistry</i> , 2022, 10, 839636.	1.8	9
92	Synthesis of Enantiopure (S)-2-Hydroxyphenylbutanoic Acid Using Novel Hydroxy Acid Dehydrogenase from <i>Enterobacter</i> sp. BK2K. <i>Biotechnology Progress</i> , 2008, 23, 606-612.	1.3	8
93	Novel iron-sulfur containing NADPH-reductase from <i>Nocardia farcinica</i> IFM10152 and fusion construction with CYP51 lanosterol demethylase. <i>Biotechnology and Bioengineering</i> , 2012, 109, 630-636.	1.7	8
94	Enzymatic Synthesis of Aliphatic Primary $\alpha$ -Amino Alcohols from $\alpha$ -Amino Fatty Acids by Carboxylic Acid Reductase. <i>Catalysis Letters</i> , 2020, 150, 3079-3085.	1.4	8
95	Deletional Protein Engineering Based on Stable Fold. <i>PLoS ONE</i> , 2012, 7, e51510.	1.1	8
96	Kinetic Resolution of 3-Fluoroalanine Using a Fusion Protein of D-Amino Acid Oxidase with <i>Vitroscilla</i> Hemoglobin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 820-822.	0.6	7
97	Structural basis of substrate recognition by a novel thermostable (S)-enantioselective $\alpha$ -transaminase from <i>Thermomicrobium roseum</i> . <i>Scientific Reports</i> , 2019, 9, 6958.	1.6	7
98	Reassignment of sense codons: Designing and docking of proline analogs for <i>Escherichia coli</i> prolyl-tRNA synthetase to expand the genetic code. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 78, 57-64.	1.8	6
99	An in silico approach to evaluate the polyspecificity of methionyl-tRNA synthetases. <i>Journal of Molecular Graphics and Modelling</i> , 2013, 39, 79-86.	1.3	6
100	Enzymatic Synthesis of $\alpha$ -Hydroxydodecanoic Acid By Employing a Cytochrome P450 from <i>Limnobacter</i> sp. 105 MED. <i>Catalysts</i> , 2019, 9, 54.	1.6	6
101	An Integrated Cofactor/Co-product Recycling Cascade for the Biosynthesis of Nylon Monomers from Cycloalkylamines. <i>Angewandte Chemie</i> , 2021, 133, 3523-3528.	1.6	6
102	A multi-enzyme cascade reaction for the production of $\alpha,\omega$ -dicarboxylic acids from free fatty acids. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 98, 358-365.	2.9	6
103	The Reductive Amination of Carbonyl Compounds Using Native Amine Dehydrogenase from <i>Laribacter hongkongensis</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2021, 26, 384-391.	1.4	6
104	To the Final Goal: Can We Predict and Suggest Mutations for Protein to Develop Desired Phenotype?. <i>Biotechnology and Bioprocess Engineering</i> , 2018, 23, 134-143.	1.4	5
105	Crystallization and preliminary X-ray crystallographic studies of $\beta$ -transaminase from <i>Mesorhizobium</i> sp. strain LUK. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 231-233.	0.7	4
106	Ortho-hydroxylation of mammalian lignan enterodiol by cytochrome P450s from <i>Actinomycetes</i> sp.. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 471-477.	1.2	4
107	Characterization of ELP-fused $\alpha$ -Transaminase and Its Application for the Biosynthesis of $\beta$ -Amino Acid. <i>Biotechnology and Bioprocess Engineering</i> , 2018, 23, 481-489.	1.4	4
108	Asymmetric synthesis of $\alpha$ -6-hydroxynorleucine from 2-keto-6-hydroxyhexanoic acid using a branched-chain aminotransferase. <i>Biocatalysis and Biotransformation</i> , 2012, 30, 171-176.	1.1	2

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109	Improving the Stability and Activity of Arginine Decarboxylase at Alkaline pH for the Production of Agmatine. <i>Frontiers in Catalysis</i> , 2021, 1, .	1.8	2
110	Comparative analysis of polyspecificity of the endogenous tRNA synthetase of different expression host towards photocrosslinking amino acids using an in silico approach. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 75, 375-382.	1.3	1
111	Frontispiece: In Vivo Residue-Specific Dopa-Incorporated Engineered Mussel Bioglue with Enhanced Adhesion and Water Resistance. <i>Angewandte Chemie - International Edition</i> , 2014, 53, n/a-n/a.	7.2	0
112	Frontispiz: In Vivo Residue-Specific Dopa-Incorporated Engineered Mussel Bioglue with Enhanced Adhesion and Water Resistance. <i>Angewandte Chemie</i> , 2014, 126, n/a-n/a.	1.6	0