Helmut Schwab

List of Publications by Year
in descending order

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138	7,153	81900	64796
papers	citations	39 h-index	79 g-index

154	154	154	6291
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein expression in Pichia pastoris: recent achievements and perspectives for heterologous protein production. Applied Microbiology and Biotechnology, 2014, 98, 5301-5317.	3.6	744
2	Complete Nucleotide Sequence of Birmingham IncPÎ± Plasmids. Journal of Molecular Biology, 1994, 239, 623-663.	4.2	502
3	Enzymatic Surface Hydrolysis of PET: Effect of Structural Diversity on Kinetic Properties of Cutinases from Thermobifida. Macromolecules, 2011, 44, 4632-4640.	4.8	298
4	Response of Endophytic Bacterial Communities in Potato Plants to Infection with Erwinia carotovora subsp. atroseptica. Applied and Environmental Microbiology, 2002, 68, 2261-2268.	3.1	253
5	Transformation of Penicillium chrysogenum using dominant selection markers and expression of an Escherichia coli lacZ fusion gene. Gene, 1988, 62, 127-134.	2.2	222
6	Production of the sesquiterpenoid (+)-nootkatone by metabolic engineering of Pichia pastoris. Metabolic Engineering, 2014, 24, 18-29.	7.0	155
7	High-quality genome sequence of Pichia pastoris CBS7435. Journal of Biotechnology, 2011, 154, 312-320.	3.8	146
8	A New Esterase from Thermobifida halotolerans Hydrolyses Polyethylene Terephthalate (PET) and Polylactic Acid (PLA). Polymers, 2012, 4, 617-629.	4.5	146
9	Reliable high-throughput screening with by limiting yeast cell death phenomena. FEMS Yeast Research, 2004, 5, 179-189.	2.3	143
10	Hydrolysis of polyethyleneterephthalate by pâ€nitrobenzylesterase from Bacillus subtilis. Biotechnology Progress, 2011, 27, 951-960.	2.6	138
11	Fusion of Binding Domains to Thermobifida cellulosilytica Cutinase to Tune Sorption Characteristics and Enhancing PET Hydrolysis. Biomacromolecules, 2013, 14, 1769-1776.	5.4	137
12	High-Level Intracellular Expression of Hydroxynitrile Lyase from the Tropical Rubber TreeHevea brasiliensisin Microbial Hosts. Protein Expression and Purification, 1997, 11, 61-71.	1.3	126
13	Characterization of a new cutinase fromThermobifida albafor PET-surface hydrolysis. Biocatalysis and Biotransformation, 2012, 30, 2-9.	2.0	125
14	RECENT ADVANCES IN RATIONAL APPROACHES FOR ENZYME ENGINEERING. Computational and Structural Biotechnology Journal, 2012, 2, e201209010.	4.1	123
15	Biocatalytic Friedelâ€“Crafts Alkylation Using Nonâ€natural Cofactors. Angewandte Chemie - International Edition, 2009, 48, 9546-9548.	13.8	120
16	Surface engineering of a cutinase from Thermobifida cellulosilytica for improved polyester hydrolysis. Biotechnology and Bioengineering, 2013, 110, 2581-2590.	3.3	118
17	EstB from Burkholderia gladioli: A novel esterase with a Î²â€lactamase fold reveals steric factors to discriminate between esterolytic and Î²â€lactam cleaving activity. Protein Science, 2002, 11, 467-478.	7.6	117
18	Partitioning of broad-host-range plasmid RP4 is a complex system involving site-specific recombination. Journal of Bacteriology, 1990, 172, 6194-6203.	2.2	114

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19	The synthesis of chiral cyanohydrins by oxynitrilases. Trends in Biotechnology, 2000, 18, 252-256.	9.3	109
20	Comprehensive Step-by-Step Engineering of an (R)-Hydroxynitrile Lyase for Large-Scale Asymmetric Synthesis. Angewandte Chemie - International Edition, 2003, 42, 4815-4818.	13.8	109
21	Mechanism of cyanogenesis: the crystal structure of hydroxynitrile lyase from Hevea brasiliensis. Structure, 1996, 4, 811-822.	3.3	108
22	Molecular Cloning of the Full-length cDNA of (S)-Hydroxynitrile Lyase from Hevea brasiliensis. Journal of Biological Chemistry, 1996, 271, 5884-5891.	3.4	107
23	Enzymatic cleavage and formation of cyanohydrins: a reaction of biological and synthetic relevance. Chemical Communications, 1997, , 1933.	4.1	106
24	Metagenome analyses reveal the influence of the inoculant Lactobacillus buchneri CD034 on the microbial community involved in grass ensiling. Journal of Biotechnology, 2013, 167, 334-343.	3.8	102
25	A novel esterase from Burkholderia gladioli which shows high deacetylation activity on cephalosporins is related to Î²-lactamases and dd-peptidases. Journal of Biotechnology, 2001, 89, 11-25.	3.8	92
26	Analysis of the multimer resolution system encoded by the parCBA operon of broadâ€hostâ€range plasmid RP4. Molecular Microbiology, 1994, 12, 131-141.	2.5	91
27	Insights into the completely annotated genome of Lactobacillus buchneri CD034, a strain isolated from stable grass silage. Journal of Biotechnology, 2012, 161, 153-166.	3.8	85
28	Comparison of ccd of F, parDE of RP4, and parD of R1 using a novel conditional replication control system of plasmid R1. Molecular Microbiology, 1995, 17, 211-220.	2.5	84
29	Cloning and characterization of the gene for the thermostable xylanase XynA from Thermomyces lanuginosus. Journal of Biotechnology, 1996, 49, 211-218.	3.8	75
30	Reaction Mechanism of Hydroxynitrile Lyases of the Î±/Î²-Hydrolase Superfamily. Journal of Biological Chemistry, 2004, 279, 20501-20510.	3.4	71
31	Crystal Structure of an (R)-Selective Ï‰-Transaminase from Aspergillus terreus. PLoS ONE, 2014, 9, e87350.	2.5	71
32	Identification of promiscuous ene-reductase activity by mining structural databases using active site constellations. Nature Communications, 2014, 5, 4150.	12.8	67
33	Metagenomic analysis of the 1-aminocyclopropane-1-carboxylate deaminase gene (acdS) operon of an uncultured bacterial endophyte colonizing Solanum tuberosum L. Archives of Microbiology, 2011, 193, 665-676.	2.2	56
34	Enantioselective One-Pot Synthesis of Biaryl-Substituted Amines by Combining Palladium and Enzyme Catalysis in Deep Eutectic Solvents. ACS Sustainable Chemistry and Engineering, 2019, 7, 5486-5493.	6.7	51
35	Functional esterase surface display by the autotransporter pathway in Escherichia coli. Journal of Molecular Catalysis B: Enzymatic, 2002, 18, 89-97.	1.8	49
36	Role of the parCBA Operon of the Broad-Host-Range Plasmid RK2 in Stable Plasmid Maintenance. Journal of Bacteriology, 1998, 180, 6023-6030.	2.2	46

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37	Inverting enantioselectivity of Burkholderia gladioli esterase EstB by directed and designed evolution. Journal of Biotechnology, 2007, 129, 109-122.	3.8	44
38	Purification and characterization of the Bacillus subtilis levanase produced in Escherichia coli. Applied and Environmental Microbiology, 1995, 61, 1953-1958.	3.1	43
39	The divergent promoters mediating transcription of the par locus of plasmid RP4 are subject to autoregulation. Molecular Microbiology, 1992, 6, 1969-1979.	2.5	41
40	Complete switch from Î±-2,3- to Î±-2,6-regioselectivity in Pasteurella dagmatis Î²-<scp>d</scp>-galactoside sialyltransferase by active-site redesign. Chemical Communications, 2015, 51, 3083-3086.	4.1	41
41	Investigation of one-enzyme systems in the Ï‰-transaminase-catalyzed synthesis of chiral amines. Journal of Molecular Catalysis B: Enzymatic, 2013, 96, 103-110.	1.8	40
42	The SGNH-hydrolase of Streptomyces coelicolor has (aryl)esterase and a true lipase activity. Biochimie, 2009, 91, 390-400.	2.6	39
43	Enzymatic catalysis in supercritical carbon dioxide: Comparison of different lipases and a novel esterase. Biotechnology Letters, 1996, 18, 79-84.	2.2	38
44	Endophytic Pseudomonas spp. populations of pathogen-infected potato plants analysed by 16S rDNA- and 16S rRNA-based denaturating gradient gel electrophoresis. Plant and Soil, 2003, 257, 397-405.	3.7	38
45	Biochemical and structural characterization of a novel bacterial manganeseâ€dependent hydroxynitrile lyase. FEBS Journal, 2013, 280, 5815-5828.	4.7	38
46	Molecular characterization and functional analysis in Aspergillus nidulans of the 5â€²-region of the Penicillium chrysogenum isopenicillin N synthetase gene. Journal of Biotechnology, 1991, 17, 67-80.	3.8	37
47	Extracellular serine proteases from Stenotrophomonas maltophilia: Screening, isolation and heterologous expression in E. coli. Journal of Biotechnology, 2012, 157, 140-147.	3.8	37
48	Observation of a Short, Strong Hydrogen Bond in the Active Site of Hydroxynitrile Lyase from Hevea brasiliensis Explains a Large pK Shift of the Catalytic Base Induced by the Reaction Intermediate. Journal of Biological Chemistry, 2004, 279, 3699-3707.	3.4	36
49	Discovery and structural characterisation of new fold type IV-transaminases exemplify the diversity of this enzyme fold. Scientific Reports, 2016, 6, 38183.	3.3	36
50	The defense-related rice gene Pir7b encodes an alpha/beta hydrolase fold protein exhibiting esterase activity towards naphthol AS-esters. FEBS Journal, 1998, 254, 32-37.	0.2	35
51	Two-step enzymatic functionalisation of polyamide with phenolics. Journal of Molecular Catalysis B: Enzymatic, 2012, 79, 54-60.	1.8	35
52	Overâ€expression of ICE2 stabilizes cytochrome P450 reductase in Saccharomyces cerevisiae and Pichia pastoris. Biotechnology Journal, 2015, 10, 623-635.	3.5	34
53	Amine Transaminase fromExophiala Xenobioticaâ€”Crystal Structure and Engineering of a Fold IV Transaminase that Naturally Converts Biaryl Ketones. ACS Catalysis, 2019, 9, 1140-1148.	11.2	34
54	Hydroxynitrile lyase from Hevea brasiliensis: Molecular characterization and mechanism of enzyme catalysis. , 1997, 27, 438-449.		33

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55	Identification and Characterization of a GDSL Esterase Gene Located Proximal to the swr Quorum-Sensing System of Serratia liquefaciens MG1. Applied and Environmental Microbiology, 2003, 69, 3901-3910.	3.1	33
56	Alternative pig liver esterase (APLE) â€“ Cloning, identification and functional expression in Pichia pastoris of a versatile new biocatalyst. Journal of Biotechnology, 2008, 133, 301-310.	3.8	33
57	Versatile and stable vectors for efficient gene expression in Ralstonia eutropha H16. Journal of Biotechnology, 2014, 186, 74-82.	3.8	33
58	Cell Surface Expression of Bacterial Esterase A by Saccharomyces cerevisiae and Its Enhancement by Constitutive Activation of the Cellular Unfolded Protein Response. Applied and Environmental Microbiology, 2006, 72, 7140-7147.	3.1	32
59	Mapping and cloning of the par-region of broad-host-range plasmid RP4. Journal of Biotechnology, 1986, 4, 333-343.	3.8	31
60	A versatile colony assay based on NADH fluorescence. Journal of Molecular Catalysis B: Enzymatic, 2006, 39, 149-155.	1.8	31
61	A novel screening assay for hydroxynitrile lyases suitable for high-throughput screening. Journal of Biotechnology, 2007, 129, 151-161.	3.8	31
62	Biocatalytic conversion of unnatural substrates by recombinant almond R-HNL isoenzyme 5. Journal of Molecular Catalysis B: Enzymatic, 2004, 29, 211-218.	1.8	30
63	Enzymatic hydrolysis of cyanohydrins with recombinant nitrile hydratase and amidase from hodococcus erythropolis. Biotechnology Letters, 2004, 26, 1675-1680.	2.2	29
64	Characterization of a multifunctional Î±2,3-sialyltransferase from Pasteurella dagmatis. Glycobiology, 2013, 23, 1293-1304.	2.5	29
65	Detection of a new enzyme for stereoselective hydrolysis of linalyl acetate using simple plate assays for the characterization of cloned esterases from Burkholderia gladioli. Journal of Biotechnology, 1998, 62, 47-54.	3.8	28
66	Improving the Properties of Bacterial Râ€Selective Hydroxynitrile Lyases for Industrial Applications. ChemCatChem, 2015, 7, 325-332.	3.7	27
67	Cloning and characterization of EstC from Burkholderia gladioli , a novel-type esterase related to plant enzymes. Applied Microbiology and Biotechnology, 2000, 54, 778-785.	3.6	26
68	Restriction site free cloning (RSFC) plasmid family for seamless, sequence independent cloning in Pichia pastoris. Microbial Cell Factories, 2015, 14, 103.	4.0	25
69	Stability and activity improvement of cephalosporin esterase EstB from Burkholderia gladioli by directed evolution and structural interpretation of muteins. Journal of Biotechnology, 2007, 129, 98-108.	3.8	24
70	Improvement of a Stereoselective Biocatalytic Synthesis by Substrate and Enzyme Engineering: 2â€Hydroxyâ€(4â€²â€oxocyclohexyl)acetonitrile as the Model. Chemistry - A European Journal, 2008, 14, 11415-11422.	3.3	24
71	C-terminal truncation of a metagenome-derived detergent protease for effective expression in E. coli. Journal of Biotechnology, 2010, 150, 408-416.	3.8	24
72	Esterase EstE from Xanthomonas vesicatoria (Xv_EstE) is an outer membrane protein capable of hydrolyzing long-chain polar esters. Applied Microbiology and Biotechnology, 2003, 61, 479-487.	3.6	23

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73	Discovery of a novel (R)-selective bacterial hydroxynitrile lyase from Acidobacterium capsulatum. Computational and Structural Biotechnology Journal, 2014, 10, 58-62.	4.1	22
74	Oxidative Alkene Cleavage Catalysed by Manganeseâ€Dependent Cupin TM1459 from Thermotoga maritima. Advanced Synthesis and Catalysis, 2015, 357, 3309-3316.	4.3	22
75	Versatile plasmid-based expression systems for Gram-negative bacteriaâ€"General essentials exemplified with the bacterium Ralstonia eutropha H16. New Biotechnology, 2015, 32, 552-558.	4.4	22
76	Methyltransferases: Green Catalysts for Friedelâ€"Crafts Alkylations. ChemCatChem, 2016, 8, 1354-1360.	3.7	22
77	Enzymes as Biodevelopers for Nano- And Micropatterned Bicomponent Biopolymer Thin Films. Biomacromolecules, 2016, 17, 3743-3749.	5.4	21
78	Design of inducible expression vectors for improved protein production in Ralstonia eutropha H16 derived host strains. Journal of Biotechnology, 2016, 235, 92-99.	3.8	19
79	Characterization of two novel alcohol short-chain dehydrogenases/reductases from Ralstonia eutropha H16 capable of stereoselective conversion of bulky substrates. Journal of Biotechnology, 2016, 221, 78-90.	3.8	19
80	Plasmid RK2 ParB Protein: Purification and Nuclease Properties. Journal of Bacteriology, 1999, 181, 6010-6018.	2.2	19
81	Expression of Bacillus subtilis levanase gene in Lactobacilus plantarum and Lactobacillus casei. Applied Microbiology and Biotechnology, 1995, 43, 297-303.	3.6	18
82	A Penicillium chrysogenum gene (aox) identified by specific induction upon shifting pH encodes for a protein which shows high homology to fungal alcohol oxidases. Current Genetics, 2002, 40, 339-344.	1.7	18
83	Characterization of Two Bacterial Hydroxynitrile Lyases with High Similarity to Cupin Superfamily Proteins. Applied and Environmental Microbiology, 2012, 78, 2053-2055.	3.1	18
84	(R)â€Selective Nitroaldol Reaction Catalyzed by Metalâ€Dependent Bacterial Hydroxynitrile Lyases. ChemCatChem, 2016, 8, 2214-2216.	3.7	18
85	Occurrence of deletion plasmids at high rates after conjugative transfer of the plasmids RP4 and RK2 from Escherichia coli to Alcaligenes eutrophus H16. Archives of Microbiology, 1983, 136, 140-146.	2.2	17
86	Mechanistic study of CMP-Neu5Ac hydrolysis by Î±2,3-sialyltransferase fromPasteurella dagmatis. FEBS Letters, 2014, 588, 2978-2984.	2.8	17
87	CbbR and RegA regulate cbb operon transcription in Ralstonia eutropha H16. Journal of Biotechnology, 2017, 257, 78-86.	3.8	17
88	Pichia pastoris proteaseâ€deficient and auxotrophic strains generated by a novel, userâ€friendly vector toolbox for gene deletion. Yeast, 2019, 36, 557-570.	1.7	17
89	Molecular cloning and homology modeling of protocatechuate 3,4-dioxygenase from Pseudomonas marginata. Microbiological Research, 1996, 151, 359-370.	5.3	16
90	Molecular cloning, sequencing and expression in Escherichia coli of the poly(3-hydroxyalkanoate) synthesis genes from Alcaligenes latus DSM1124. Journal of Biotechnology, 1998, 64, 123-135.	3.8	16

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91	Heterologous expression and characterization of Choline Oxidase from the soil bacterium Arthrobacter nicotianae. Applied Microbiology and Biotechnology, 2009, 81, 875-886.	3.6	16
92	Crystal Structure and Catalytic Mechanism of CouO, a Versatile C-Methyltransferase from Streptomyces rishiriensis. PLoS ONE, 2017, 12, e0171056.	2.5	16
93	Nitrile hydrolysis activity ofRhodococcus erythropolis NCIMB 11540 whole cells. Biotechnology Journal, 2006, 1, 569-573.	3.5	15
94	An efficient plasmid vector for expression cloning of large numbers of PCR fragments in Escherichia coli. Applied Microbiology and Biotechnology, 2007, 77, 241-244.	3.6	15
95	Engineering of choline oxidase from Arthrobacter nicotianae for potential use as biological bleach in detergents. Applied Microbiology and Biotechnology, 2010, 87, 1743-1752.	3.6	15
96	Cloning and phenotypic expression in Escherichia coli of a Bacillus subtilis gene fragment coding for sucrose hydrolysis. Journal of Biotechnology, 1986, 3, 333-341.	3.8	14
97	Molecular characterization of Bacillus subtilis levanase and a C-terminal deleted derivative. Journal of Biotechnology, 1988, 7, 247-257.	3.8	14
98	(S)-Hydroxynitrile Lyase from Hevea brasiliensis. Annals of the New York Academy of Sciences, 1996, 799, 707-712.	3.8	14
99	The ParB protein encoded by the RP4 par region is a Ca2+-dependent nuclease linearizing circular DNA substrates. Microbiology (United Kingdom), 1997, 143, 3889-3898.	1.8	14
100	Screening for hydroxynitrile lyases in plants. Biotechnology Letters, 1997, 11, 55-58.	0.5	14
101	Molecular characterization of the C-methyltransferase NovO of Streptomyces spheroides, a valuable enzyme for performing Friedelâ€“Crafts alkylation. Journal of Molecular Catalysis B: Enzymatic, 2012, 84, 2-8.	1.8	14
102	Expanding the Toolbox of R â€Selective Amine Transaminases by Identification and Characterization of New Members. ChemBioChem, 2021, 22, 1232-1242.	2.6	14
103	Nucleotide sequence of a cloned 2.5 kbPstI-EcoRIBacillus subtilisDNA fragment coding for levanase. Nucleic Acids Research, 1987, 15, 9606-9606.	14.5	12
104	Expression of the Bacillus subtilis levanase gene in Escherichia coli and Saccharomyces cerevisiae. Journal of Biotechnology, 1991, 18, 243-254.	3.8	12
105	Stability of r-microbes: Stabilization of plasmid vectors by the partitioning function of broad-host-range plasmid RP4. Journal of Biotechnology, 1993, 28, 291-299.	3.8	11
106	Novel Rhodococcus esterases by genetic engineering. Journal of Molecular Catalysis B: Enzymatic, 1998, 5, 261-266.	1.8	11
107	Micro-colony array based high throughput platform for enzyme library screening. Journal of Biotechnology, 2007, 129, 162-170.	3.8	11
108	Heterologous transformation ofClaviceps purpurea. Biotechnology Letters, 1989, 11, 389-392.	2.2	10

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109	Efficient secretion of bacillus subtilis levanase by saccharomyces cerevisiae. Gene, 1995, 161, 45-49.	2.2	10
110	Cloning and sequence analysis of the glyceraldehyde-3-phosphate dehydrogenase gene from the zygomycetes fungus Rhizomucor miehei. Antonie Van Leeuwenhoek, 2004, 86, 111-119.	1.7	10
111	Engineering of TM1459 from Thermotoga maritima for Increased Oxidative Alkene Cleavage Activity. Frontiers in Microbiology, 2016, 7, 1511.	3.5	10
112	High-quality production of human Î±-2,6-sialyltransferase in Pichia pastoris requires control over N-terminal truncations by host-inherent protease activities. Microbial Cell Factories, 2014, 13, 138.	4.0	9
113	Combining expression and process engineering for high-quality production of human sialyltransferase in Pichia pastoris. Journal of Biotechnology, 2016, 235, 54-60.	3.8	9
114	Hydrogenâ€Driven Cofactor Regeneration for Stereoselective Wholeâ€Cell C=C Bond Reduction in Cupriavidus necator. ChemSusChem, 2019, 12, 2361-2365.	6.8	9
115	Crystallization and preliminary X-ray diffraction studies of a hydroxynitrile lyase fromHevea brasiliensis. Acta Crystallographica Section D: Biological Crystallography, 1996, 52, 591-593.	2.5	8
116	New Pseudomonas esterases by genetic engineering. Journal of Molecular Catalysis B: Enzymatic, 1997, 3, 25-27.	1.8	7
117	Two N-terminally truncated variants of human Î²-galactoside Î±2,6 sialyltransferase I with distinct properties for inÂvitro protein glycosylation. Glycobiology, 2016, 26, 1097-1106.	2.5	7
118	Cloning, expression and characterization of a new 2-Cl-propionic acid ester hydrolase from B. subtilis. Journal of Molecular Catalysis B: Enzymatic, 2002, 19-20, 237-245.	1.8	6
119	Planar optical sensors: A tool for screening enzyme activity in high density cell arrays. Sensors and Actuators B: Chemical, 2006, 114, 984-994.	7.8	6
120	A Two-Step Method to Covalently Bind Biomolecules to Group-IV Semiconductors: Si(111)/1,2-Epoxy-9-decene/Esterase. Langmuir, 2008, 24, 13957-13961.	3.5	6
121	Simple Plugâ€in Synthetic Step for the Synthesis of (â^')â€Camphor from Renewable Starting Materials. ChemBioChem, 2021, 22, 2951-2956.	2.6	6
122	Random strand transfer recombination (RSTR) for homology-independent nucleic acid recombination. Journal of Biotechnology, 2007, 129, 39-49.	3.8	5
123	Reprint of â€œVersatile and stable vectors for efficient gene expression in Ralstonia eutropha H16â€. Journal of Biotechnology, 2014, 192, 410-418.	3.8	5
124	Strain improvement in industrial microorganisms by recombinant DNA techniques. , 1988, , 129-168.		4
125	Crystallization of a novel metal-containing cupin fromAcidobacteriumsp. and preliminary diffraction data analysis. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 451-454.	0.7	3
126	Hydroxynitrile lyase from Hevea brasiliensis: molecular characterization and mechanism of enzyme catalysis. Proteins: Structure, Function and Bioinformatics, 1997, 27, 438-49.	2.6	3

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127	Crystallization and preliminary X-ray diffraction studies of thePseudomonas marginataesterase EstB. Acta Crystallographica Section D: Biological Crystallography, 1997, 53, 596-598.	2.5	2
128	Fluorescence screening for lipolytic enzymes. Studies in Organic Chemistry, 1998, 53, 53-60.	0.2	2
129	A comparative study of thermal inactivation of enzymes in supercritical carbon dioxide. Progress in Biotechnology, 1998, 15, 471-476.	0.2	2
130	Multi-enzyme cascades as synthetic tool for biocatalysis. Journal of Biotechnology, 2019, 294, 88.	3.8	2
131	Gordonia hydrophobica Nitrile Hydratase for Amide Preparation from Nitriles. Catalysts, 2021, 11, 1287.	3.5	2
132	Racemization-free and scalable amidation of <scp>l</scp>-proline in organic media using ammonia and a biocatalyst only. Green Chemistry, 2022, 24, 5171-5180.	9.0	2
133	Cloning and sequence analysis of Mucor Circinelloides glyceraldehyde-3-phosphate dehydrogenase gene. Acta Microbiologica Et Immunologica Hungarica, 2002, 49, 305-312.	0.8	1
134	High-level expression of industrial enzymes originated from plants in fungal hosts. Acta Microbiologica Et Immunologica Hungarica, 2002, 49, 161-162.	0.8	1
135	2-D solid-state assay platform: a tool for screening aldehyde-releasing enzyme activity in colonies. Mikrochimica Acta, 2006, 156, 209-218.	5.0	1
136	Crystallization of the novelS-adenosyl-L-methionine-dependentC-methyltransferase CouO fromStreptomyces rishiriensisand preliminary diffraction data analysis. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 698-700.	0.7	1
137	Expression of Bacillus subtilis levanase gene in Lactobacillus plantarum and Lactobacillus casei. Applied Microbiology and Biotechnology, 1995, 43, 297-303.	3.6	1
138	The Cloned Bacillus Subtilis Levanase Gene as a Potent System for the Exploitation of Inulin in Biotechnological Processes. Studies in Plant Science, 1993, 3, 289-295.	0.5	0