Jose Berenguer

List of Publications by Year
in descending order

142 papers	4,021 citations	117453 34 h-index	161609 54 g-index
147 all docs	147 docs citations	147 times ranked	3578 citing authors

#	Article	IF	Citations
1	Biochemical and Structural Characterization of a novel thermophilic esterase EstD11 provide catalytic insights for the HSL family. Computational and Structural Biotechnology Journal, 2021, 19, 1214-1232.	1.9	17
2	Thermostability Engineering of a Class II Pyruvate Aldolase from <i>Escherichia coli</i> by <i>in Vivo</i> Folding Interference. ACS Sustainable Chemistry and Engineering, 2021, 9, 5430-5436.	3.2	14
3	Self-sufficient asymmetric reduction of Î²-ketoesters catalysed by a novel and robust thermophilic alcohol dehydrogenase co-immobilised with NADH. Catalysis Science and Technology, 2021, 11, 3217-3230.	2.1	18
4	ICETh1 and ICETh2, two interdependent mobile genetic elements in Thermus thermophilus transjugation. Environmental Microbiology, 2020, 22, 158-169.	1.8	4
5	Thermostability enhancement of the Pseudomonas fluorescens esterase I by in vivo folding selection in Thermus thermophilus. Biotechnology and Bioengineering, 2020, 117, 30-38.	1.7	8
6	The<i>Thermus thermophilus</i>DEAD-box protein Hera is a general RNA binding protein and plays a key role in tRNA metabolism. Rna, 2020, 26, 1557-1574.	1.6	3
7	Hypoxanthine-Guanine Phosphoribosyltransferase/adenylate Kinase From Zobellia galactanivorans: A Bifunctional Catalyst for the Synthesis of Nucleoside-5â€²-Mono-, Di- and Triphosphates. Frontiers in Bioengineering and Biotechnology, 2020, 8, 677.	2.0	9
8	A thermostable DNA primaseâ€polymerase from a mobile genetic element involved in defence against environmental DNA. Environmental Microbiology, 2020, 22, 4647-4657.	1.8	3
9	Nitrate Respiration in Thermus thermophilus NAR1: from Horizontal Gene Transfer to Internal Evolution. Genes, 2020, 11, 1308.	1.0	5
10	Methods to Identify and Analyze Vesicle-Protected DNA Transfer. Methods in Molecular Biology, 2020, 2075, 209-221.	0.4	1
11	Intraparticle pH Sensing Within Immobilized Enzymes: Immobilized Yellow Fluorescent Protein as Optical Sensor for Spatiotemporal Mapping of pH Inside Porous Particles. Methods in Molecular Biology, 2020, 2100, 319-333.	0.4	1
12	Integrative and Conjugative Element ICETh1 Functions as a Pangenomic DNA Capture Module in Thermus thermophilus. Microorganisms, 2020, 8, 2051.	1.6	1
13	A new family of nitrate/nitrite transporters involved in denitrification. International Microbiology, 2019, 22, 19-28.	1.1	15
14	Alternative Ways to Exchange DNA: Unconventional Conjugation Among Bacteria. , 2019, , 77-96.		0
15	Functional Characterization and Structural Analysis of NADH Oxidase Mutants from Thermus thermophilus HB27: Role of Residues 166, 174, and 194 in the Catalytic Properties and Thermostability. Microorganisms, 2019, 7, 515.	1.6	2
16	A Modular Vector Toolkit with a Tailored Set of Thermosensors To Regulate Gene Expression in <i>Thermus thermophilus</i>. ACS Omega, 2019, 4, 14626-14632.	1.6	10
17	Into the Thermus Mobilome: Presence, Diversity and Recent Activities of Insertion Sequences Across Thermus spp.. Microorganisms, 2019, 7, 25.	1.6	17
18	Complete Genome Sequence of Mycolicibacterium hassiacum DSM 44199. Microbiology Resource Announcements, 2019, 8, .	0.3	15

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19	DNA interference by a mesophilic Argonaute protein, CbcAgo. F1000Research, 2019, 8, 321.	0.8	13
20	Biobased, Internally pH-Sensitive Materials: Immobilized Yellow Fluorescent Protein as an Optical Sensor for Spatiotemporal Mapping of pH Inside Porous Matrices. ACS Applied Materials & Interfaces, 2018, 10, 6858-6868.	4.0	18
21	A single mutation in cyclodextrin glycosyltransferase from Paenibacillus barengoltzii changes cyclodextrin and maltooligosaccharides production. Protein Engineering, Design and Selection, 2018, 31, 399-407.	1.0	6
22	The role of conserved proteins DrpA and DrpB in nitrate respiration of <i>Thermus thermophilus</i>. Environmental Microbiology, 2018, 20, 3851-3861.	1.8	3
23	Characterization of a promiscuous cadmium and arsenic resistance mechanism in Thermus thermophilus HB27 and potential application of a novel bioreporter system. Microbial Cell Factories, 2018, 17, 78.	1.9	26
24	A brief reflection of International Microbiologyâ€™s history and future direction. International Microbiology, 2018, 21, 1-2.	1.1	2
25	Horizontal Gene Transfer in Thermus spp.. Current Issues in Molecular Biology, 2018, 29, 23-36.	1.0	13
26	Are <i>inÂvivo</i> selections on the path to extinction?. Microbial Biotechnology, 2017, 10, 46-49.	2.0	1
27	An ArsR/SmtB family member regulates arsenic resistance genes unusually arranged in <i>Thermus thermophilus</i> HB27. Microbial Biotechnology, 2017, 10, 1690-1701.	2.0	21
28	Role of Archaeal HerA Protein in the Biology of the Bacterium Thermus thermophilus. Genes, 2017, 8, 130.	1.0	4
29	Hierarchical Control of Nitrite Respiration by Transcription Factors Encoded within Mobile Gene Clusters of Thermus thermophilus. Genes, 2017, 8, 361.	1.0	4
30	Stabilization of Enzymes by Using Thermophiles. Methods in Molecular Biology, 2017, 1645, 297-312.	0.4	12
31	The transjugation machinery of Thermus thermophilus: Identification of TdtA, an ATPase involved in DNA donation. PLoS Genetics, 2017, 13, e1006669.	1.5	37
32	Hydrolysis and oxidation of racemic esters into prochiral ketones catalyzed by a consortium of immobilized enzymes. Biochemical Engineering Journal, 2016, 112, 136-142.	1.8	8
33	A novel thermostable protein-tag: optimization of the Sulfolobus solfataricus DNA- alkyl-transferase by protein engineering. Extremophiles, 2016, 20, 1-13.	0.9	21
34	Transformation of Thermus Species by Natural Competence. Bio-protocol, 2016, 6, .	0.2	0
35	Cell-to-cell DNA Transfer among Thermus Species. Bio-protocol, 2016, 6, .	0.2	1
36	Noncanonical Cell-to-Cell DNA Transfer in Thermus spp. Is Insensitive to Argonaute-Mediated Interference. Journal of Bacteriology, 2015, 197, 138-146.	1.0	24

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37	Contribution of vesicle-protected extracellular DNA to horizontal gene transfer in Thermus spp. International Microbiology, 2015, 18, 177-87.	1.1	29
38	Selective oxidation of glycerol to 1,3-dihydroxyacetone by covalently immobilized glycerol dehydrogenases with higher stability and lower product inhibition. Bioresource Technology, 2014, 170, 445-453.	4.8	47
39	Parallel Pathways for Nitrite Reduction during Anaerobic Growth in Thermus thermophilus. Journal of Bacteriology, 2014, 196, 1350-1358.	1.0	7
40	A Third Subunit in Ancestral Cytochrome <i>c</i> -Dependent Nitric Oxide Reductases. Applied and Environmental Microbiology, 2014, 80, 4871-4878.	1.4	5
41	DNA-guided DNA interference by a prokaryotic Argonaute. Nature, 2014, 507, 258-261.	13.7	373
42	Transferable Denitrification Capability of Thermus thermophilus. Applied and Environmental Microbiology, 2014, 80, 19-28.	1.4	36
43	Hyperthermophile. , 2014, , 1-5.		0
44	Optimised N-acetyl-d-lactosamine synthesis using Thermus thermophilus Î²-galactosidase in bio-solvents. Tetrahedron, 2013, 69, 1148-1152.	1.0	12
45	Highly efficient enzymatic synthesis of GalÎ²-(1â†’3)-GalNAc and GalÎ²-(1â†’3)-GlcNAc in ionic liquids. Tetrahedron, 2013, 69, 4973-4978.	1.0	26
46	Engineering the Substrate Specificity of a Thermophilic Penicillin Acylase from Thermus thermophilus. Applied and Environmental Microbiology, 2013, 79, 1555-1562.	1.4	12
47	Characterization of the nitric oxide reductase from <i>Thermus thermophilus</i>. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12613-12618.	3.3	15
48	Biotechnological Applications of Thermus thermophilus as Host. Current Biotechnology, 2013, 2, 304-312.	0.2	2
49	Analysis of validamycin as a potential antifungal compound against Candida albicans. International Microbiology, 2013, 16, 217-25.	1.1	28
50	Year's comments for 2013. International Microbiology, 2013, 16, 211-5.	1.1	0
51	Promiscuous enantioselective (â^')-Î³-lactamase activity in the Pseudomonas fluorescens esterase I. Organic and Biomolecular Chemistry, 2012, 10, 3388.	1.5	29
52	Efficient and selective enzymatic synthesis of N-acetyl-lactosamine in ionic liquid: a rational explanation. RSC Advances, 2012, 2, 6306.	1.7	34
53	Functional expression of a penicillin acylase from the extreme thermophile Thermus thermophilus HB27 in Escherichia coli. Microbial Cell Factories, 2012, 11, 105.	1.9	12
54	The Î²-barrel assembly machinery (BAM) is required for the assembly of a primitive S-layer protein in the ancient outer membrane of Thermus thermophilus. Extremophiles, 2012, 16, 853-861.	0.9	10

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55	Thermus thermophilus Nucleoside Phosphorylases Active in the Synthesis of Nucleoside Analogues. Applied and Environmental Microbiology, 2012, 78, 3128-3135.	1.4	29
56	The residue 179 is involved in product specificity of the Bacillus circulans DF 9R cyclodextrin glycosyltransferase. Applied Microbiology and Biotechnology, 2012, 94, 123-130.	1.7	18
57	Homogeneous incorporation of secondary cell wall polysaccharides to the cell wall of Thermus thermophilus HB27. Extremophiles, 2012, 16, 485-495.	0.9	2
58	Characterization and further stabilization of a new anti-prelog specific alcohol dehydrogenase from Thermus thermophilus HB27 for asymmetric reduction of carbonyl compounds. Bioresource Technology, 2012, 103, 343-350.	4.8	40
59	Screening of strains and recombinant enzymes from Thermus thermophilus for their use in disaccharide synthesis. Journal of Molecular Catalysis B: Enzymatic, 2012, 74, 162-169.	1.8	15
60	Localized synthesis of the outer envelope from Thermus thermophilus. Extremophiles, 2012, 16, 267-275.	0.9	8
61	Modulation of the distribution of small proteins within porous matrixes by smart-control of the immobilization rate. Journal of Biotechnology, 2011, 155, 412-420.	1.9	61
62	Partial and complete denitrification in Thermus thermophilus: lessons from genome drafts. Biochemical Society Transactions, 2011, 39, 249-253.	1.6	14
63	Cloning, functional expression, biochemical characterization, and structural analysis of a haloalkane dehalogenase from Plesiocystis pacifica SIR-1. Applied Microbiology and Biotechnology, 2011, 91, 1049-1060.	1.7	36
64	New biotechnological perspectives of a NADH oxidase variant from Thermus thermophilus HB27 as NAD+-recycling enzyme. BMC Biotechnology, 2011, 11, 101.	1.7	45
65	Sequence of the hyperplastic genome of the naturally competent Thermus scotoductus SA-01. BMC Genomics, 2011, 12, 577.	1.2	49
66	Lateral Transfer of the Denitrification Pathway Genes among <i>Thermus thermophilus</i> Strains. Applied and Environmental Microbiology, 2011, 77, 1352-1358.	1.4	32
67	Thermophile. , 2011, , 1666-1667.		9
68	Unconventional lateral gene transfer in extreme thermophilic bacteria. International Microbiology, 2011, 14, 187-99.	1.1	14
69	Hyperthermophile. , 2011, , 796-799.		0
70	Thermus thermophilus Strains Active in Purine Nucleoside Synthesis. Molecules, 2009, 14, 1279-1287.	1.7	9
71	Purification and stabilization of a glutamate dehygrogenase from Thermus thermophilus via oriented multisubunit plus multipoint covalent immobilization. Journal of Molecular Catalysis B: Enzymatic, 2009, 58, 158-163.	1.8	53
72	Increased Enantioselectivity by Engineering Bottleneck Mutants in an Esterase from <i>Pseudomonas fluorescens</i>. ChemBioChem, 2009, 10, 2920-2923.	1.3	22

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73	Thermus thermophilus as biological model. Extremophiles, 2009, 13, 213-231.	0.9	145
74	Purification, immobilization and stabilization of a highly enantioselective alcohol dehydrogenase from Thermus thermophilus HB27 cloned in E. coli. Process Biochemistry, 2009, 44, 1004-1012.	1.8	27
75	The adsorption of multimeric enzymes on very lowly activated supports involves more enzyme subunits: Stabilization of a glutamate dehydrogenase from Thermus thermophilus by immobilization on heterofunctional supports. Enzyme and Microbial Technology, 2009, 44, 139-144.	1.6	39
76	Coating of Soluble and Immobilized Enzymes with Ionic Polymers: Full Stabilization of the Quaternary Structure of Multimeric Enzymes. Biomacromolecules, 2009, 10, 742-747.	2.6	111
77	High-level overproduction of Thermus enzymes in Streptomyces lividans. Applied Microbiology and Biotechnology, 2008, 79, 1001-1008.	1.7	20
78	Immobilizationâ€“stabilization of a new recombinant glutamate dehydrogenase from Thermus thermophilus. Applied Microbiology and Biotechnology, 2008, 80, 49-58.	1.7	42
79	The role of the nitrate respiration element of <i>Thermus thermophilus</i> in the control and activity of the denitrification apparatus. Environmental Microbiology, 2008, 10, 522-533.	1.8	32
80	Expression and use of superfolder green fluorescent protein at high temperatures <i>in vivo</i>: a tool to study extreme thermophile biology. Environmental Microbiology, 2008, 10, 605-613.	1.8	51
81	A cytochrome <i>c</i> containing nitrate reductase plays a role in electron transport for denitrification in <i>Thermus thermophilus</i> without involvement of the <i>bc</i> respiratory complex. Molecular Microbiology, 2008, 70, 507-518.	1.2	20
82	Use of a Dominant rpsL Allele Conferring Streptomycin Dependence for Positive and Negative Selection in Thermus thermophilus. Applied and Environmental Microbiology, 2007, 73, 5138-5145.	1.4	14
83	An activity-independent selection system of thermostable protein variants. Nature Methods, 2007, 4, 919-921.	9.0	35
84	Control of the respiratory metabolism of Thermus thermophilus by the nitrate respiration conjugative element NCE. Molecular Microbiology, 2007, 64, 630-646.	1.2	39
85	Divergent Substrate-Binding Mechanisms Reveal an Evolutionary Specialization of Eukaryotic Prefoldin Compared to Its Archaeal Counterpart. Structure, 2007, 15, 101-110.	1.6	55
86	Biochemical and regulatory properties of a respiratory island encoded by a conjugative plasmid in the extreme thermophile Thermus thermophilus. Biochemical Society Transactions, 2006, 34, 97-100.	1.6	15
87	pH-dependent conformational switch activates the inhibitor of transcription elongation. EMBO Journal, 2006, 25, 2131-2141.	3.5	58
88	High-Level Overproduction of His-Tagged Tth DNA Polymerase in Thermus thermophilus. Applied and Environmental Microbiology, 2005, 71, 591-593.	1.4	29
89	Membrane-Associated Maturation of the Heterotetrameric Nitrate Reductase of Thermus thermophilus. Journal of Bacteriology, 2005, 187, 3990-3996.	1.0	19
90	Thermus thermophilus as a Cell Factory for the Production of a Thermophilic Mn-Dependent Catalase Which Fails To Be Synthesized in an Active Form in Escherichia coli. Applied and Environmental Microbiology, 2004, 70, 3839-3844.	1.4	46

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91	Use of an Antisense RNA Strategy To Investigate the Functional Significance of Mn-Catalase in the Extreme Thermophile Thermus thermophilus. Journal of Bacteriology, 2004, 186, 7804-7806.	1.0	11
92	A New Type of NADH Dehydrogenase Specific for Nitrate Respiration in the Extreme Thermophile Thermus thermophilus. Journal of Biological Chemistry, 2004, 279, 45369-45378.	1.6	28
93	Binding to pyruvylated compounds as an ancestral mechanism to anchor the outer envelope in primitive bacteria. Molecular Microbiology, 2004, 52, 677-690.	1.2	75
94	Purification of a Catalase from Thermus thermophilus via IMAC Chromatography: Effect of the Support. Biotechnology Progress, 2004, 20, 1578-1582.	1.3	8
95	Development of a gene expression vector for Thermus thermophilus based on the promoter of the respiratory nitrate reductase. Plasmid, 2003, 49, 2-8.	0.4	47
96	Design of an immobilized preparation of catalase from Thermus thermophilus to be used in a wide range of conditions.. Enzyme and Microbial Technology, 2003, 33, 278-285.	1.6	50
97	Temperature-Dependent Hypermutational Phenotype in recA Mutants of Thermus thermophilus HB27. Journal of Bacteriology, 2003, 185, 4901-4907.	1.0	17
98	Enhancement of DNA, cDNA synthesis and fidelity at high temperatures by a dimeric single-stranded DNA-binding protein. Nucleic Acids Research, 2003, 31, 6473-6480.	6.5	45
99	Efficient trans-cleavage by the Schistosoma mansoni SMalpha1 hammerhead ribozyme in the extreme thermophile Thermus thermophilus. Nucleic Acids Research, 2002, 30, 1606-1612.	6.5	13
100	A cytochromecencoded by thenaroperon is required for the synthesis of active respiratory nitrate reductase inThermus thermophilus. FEBS Letters, 2002, 523, 99-102.	1.3	25
101	The periplasmic space in Thermus thermophilus : evidence from a regulation-defective S-layer mutant overexpressing an alkaline phosphatase. Extremophiles, 2002, 6, 225-232.	0.9	29
102	Export ofThermus thermophilusalkaline phosphatase via the twin-arginine translocation pathway inEscherichia coli. FEBS Letters, 2001, 506, 103-107.	1.3	46
103	Diversity among clinical isolates of penicillin-resistant Streptococcus mitis: indication for a PBP1-dependent way to reach high levels of penicillin resistance. International Microbiology, 2001, 4, 217-222.	1.1	1
104	Multiple Regulatory Mechanisms Act on the 5â€² Untranslated Region of the S-Layer Gene from Thermus thermophilus HB8. Journal of Bacteriology, 2001, 183, 1491-1494.	1.0	14
105	Secretion and assembly of regular surface structures in Gram-negative bacteria. FEMS Microbiology Reviews, 2000, 24, 21-44.	3.9	65
106	Secretion and assembly of regular surface structures in Gram-negative bacteria. FEMS Microbiology Reviews, 2000, 24, 21-44.	3.9	53
107	Two Nitrate/Nitrite Transporters Are Encoded within the Mobilizable Plasmid for Nitrate Respiration of Thermus thermophilus HB8. Journal of Bacteriology, 2000, 182, 2179-2183.	1.0	27
108	A High-Transformation-Efficiency Cloning Vector for Thermus thermophilus. Plasmid, 1999, 42, 241-245.	0.4	94

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109	Characterization of a plasmid replicative origin from an extreme thermophile. FEMS Microbiology Letters, 1998, 165, 51-57.	0.7	35
110	A thermophilic nitrate reductase is responsible for the strain specific anaerobic growth of Thermus thermophilus HB8. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1998, 1396, 215-227.	2.4	73
111	Characterization of a plasmid replicative origin from an extreme thermophile. FEMS Microbiology Letters, 1998, 165, 51-57.	0.7	18
112	Anaerobic Growth, a Property Horizontally Transferred by an Hfr-Like Mechanism among Extreme Thermophiles. Journal of Bacteriology, 1998, 180, 3137-3143.	1.0	69
113	Characterization ofL-Glutamine:D-Fructose-6-phosphate Amidotransferase from an Extreme ThermophileThermus thermophilusHB8. Archives of Biochemistry and Biophysics, 1997, 337, 129-136.	1.4	15
114	IV. Molecular biology of S-layers. FEMS Microbiology Reviews, 1997, 20, 47-98.	3.9	56
115	IV. Molecular biology of S-layers. FEMS Microbiology Reviews, 1997, 20, 47-98.	3.9	24
116	Surface proteins and a novel transcription factor regulate the expression of the Sâ€layer gene in Thermus thermophilus HB8. Molecular Microbiology, 1997, 24, 61-72.	1.2	37
117	slpM, a gene coding for an "S-layer-like array" overexpressed in S-layer mutants of Thermus thermophilus HB8. Journal of Bacteriology, 1996, 178, 357-365.	1.0	17
118	Differential domain accessibility to monoclonal antibodies in three different morphological assemblies built up by the S-layer protein of Thermus thermophilus HB8. Journal of Bacteriology, 1996, 178, 3654-3657.	1.0	3
119	A conserved motif in S-layer proteins is involved in peptidoglycan binding in Thermus thermophilus. Journal of Bacteriology, 1996, 178, 4765-4772.	1.0	98
120	glmS of Thermus thermophilus HB8: an essential gene for cell-wall synthesis identified immediately upstream of the S-layer gene. Molecular Microbiology, 1995, 17, 1-12.	1.2	30
121	Horizontal transference of S-layer genes within Thermus thermophilus. Journal of Bacteriology, 1995, 177, 5460-5466.	1.0	34
122	Three-Dimensional Structure of Different Aggregates Built Up by the S-Layer Protein of Thermus thermophilus. Journal of Structural Biology, 1994, 113, 164-176.	1.3	14
123	S-layer protein from Thermus thermophilus HB8 assembles into porin-like structures. Molecular Microbiology, 1993, 9, 65-75.	1.2	38
124	Investigations on Structure and Biosynthesis of Cyanelle Murein from Cyanophora paradoxa. , 1993, , 47-55.		4
125	Sequence of the S-layer gene of Thermus thermophilus HB8 and functionality of its promoter in Escherichia coli. Journal of Bacteriology, 1992, 174, 7458-7462.	1.0	70
126	Development of Thermus-Escherichia shuttle vectors and their use for expression of the Clostridium thermocellum celA gene in Thermus thermophilus. Journal of Bacteriology, 1992, 174, 6424-6431.	1.0	60

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127	Insertional mutagenesis in the extreme thermophilic eubacteria Thermus thermophilus HB8. Molecular Microbiology, 1992, 6, 1555-1564.	1.2	77
128	Subcellular distribution of enzymes involved in the biosynthesis of cyanelle murein in the protistCyanophora paradoxa. FEBS Letters, 1991, 284, 169-172.	1.3	18
129	Cloning and expression in Escherichia coli of the structural gene coding for the monomeric protein of the S layer of Thermus thermophilus HB8. Journal of Bacteriology, 1991, 173, 5346-5351.	1.0	27
130	Beta-lactam-fosfomycin antagonism involving modification of penicillin-binding protein 3 in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 1990, 34, 2093-2096.	1.4	18
131	Penicillin-binding protein 3 of Listeria monocytogenes as the primary lethal target for beta-lactams. Antimicrobial Agents and Chemotherapy, 1990, 34, 539-542.	1.4	56
132	Penicillin binding proteins in Listeria monocytogenes. Acta Microbiologica Hungarica, 1990, 37, 227-31.	0.2	5
133	Identification of a crystalline surface layer on the cell envelope of the thermophilic eubacterium Thermus thermophilus. FEMS Microbiology Letters, 1988, 51, 225-230.	0.7	30
134	Purification, composition and Ca2+-binding properties of the monomeric protein of the S-layer ofThermus thermophilus. FEBS Letters, 1988, 235, 117-121.	1.3	25
135	Ca2+-stabilized oligomeric protein complexes are major components of the cell envelope of "Thermus thermophilus" HB8. Journal of Bacteriology, 1988, 170, 2441-2447.	1.0	30
136	Variability in the posttranslational processing of penicillin-binding protein 1b among different strains of Escherichia coli. Biochemistry and Cell Biology, 1987, 65, 62-67.	0.9	3
137	Penicillin-binding proteins in the cyanelles of Cyanophora paradoxa , a eukaryotic photoautotroph sensitive to Î²-lactam antibiotics. FEBS Letters, 1987, 224, 401-405.	1.3	34
138	Binding of 125I-labeled .BETA.-lactam antibiotics to the penicillin binding proteins of Escherichia coli.. Journal of Antibiotics, 1984, 37, 389-393.	1.0	12
139	Induction of cell lysis in Escherichia coli: cooperative effect of nocardicin A and mecillinam. Antimicrobial Agents and Chemotherapy, 1982, 21, 195-200.	1.4	16
140	Effect of Protein Synthesis Inhibition on the Induction of Cell Lysis in <i>Escherichia coli</i> by Mecillinam plus Nocardicin A. Antimicrobial Agents and Chemotherapy, 1982, 22, 1070-1072.	1.4	2
141	Interaction of Nocardicin A with the Penicillin-Binding Proteins of Escherichia coli in Intact Cells and in Purified Cell Envelopes. FEBS Journal, 1982, 126, 155-159.	0.2	18
142	DNA interference by a mesophilic Argonaute protein, CbcAgo. F1000Research, 0, 8, 321.	0.8	9