

# Subtilases: The superfamily of subtilisin-like serine pro

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Biosynthesis, Distinct Post-translational Modifications, and Functional Characterization of Lymphoma Proprotein Convertase. <i>Journal of Biological Chemistry</i> , 1997, 272, 27116-27123.	1.6	77
2	Molecular Identification of the Sterol-Regulated Luminal Protease that Cleaves SREBPs and Controls Lipid Composition of Animal Cells. <i>Molecular Cell</i> , 1998, 2, 505-514.	4.5	371
3	Serpin-like properties of $\alpha_1$ -antitrypsin Portland towards furin convertase. <i>FEBS Letters</i> , 1998, 426, 41-46.	1.3	33
4	Scoring functions for computational algorithms applicable to the design of spiked oligonucleotides. <i>Nucleic Acids Research</i> , 1998, 26, 697-702.	6.5	17
5	Identification and Characterization of <i>Spodoptera frugiperda</i> Furin: A Thermostable Subtilisin-Like Endoprotease. <i>Biological Chemistry</i> , 1998, 379, 1433-40.	1.2	25
6	Activation of the Kexin from <i>Schizosaccharomyces pombe</i> Requires Internal Cleavage of Its Initially Cleaved Prosequence. <i>Molecular and Cellular Biology</i> , 1998, 18, 400-408.	1.1	30
7	Sorting of PC2 to the regulated secretory pathway in AtT20 cells. <i>Journal of Molecular Endocrinology</i> , 1998, 21, 209-216.	1.1	11
8	Purification and characterization of a 315 kDa keratinolytic subtilisin-like serine protease from <i>Microsporium canis</i> and evidence of its secretion in naturally infected cats. <i>Medical Mycology</i> , 1998, 36, 395-404.	0.3	87
9	In Vitro Cleavage of Internally Quenched Fluorogenic Human Parathyroid Hormone and Parathyroid-related Peptide Substrates by Furin. <i>Journal of Biological Chemistry</i> , 1998, 273, 8572-8580.	1.6	62
10	A Subtilisin-like Protein in Secretory Organelles of <i>Plasmodium falciparum</i> Merozoites. <i>Journal of Biological Chemistry</i> , 1998, 273, 23398-23409.	1.6	110
11	Proprotein Convertase PC1/3-related Peptides Are Potent Slow Tight-binding Inhibitors of Murine PC1/3 and Hfurin. <i>Journal of Biological Chemistry</i> , 1998, 273, 31574-31580.	1.6	74
12	NMR structure calculation methods for large proteins Application of torsion angle dynamics and distance geometry/simulated annealing to the 269-residue protein serine protease PB92. <i>Molecular Physics</i> , 1998, 95, 1099-1112.	0.8	8
13	A model for the structure of the P domains in the subtilisin-like prohormone convertases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 7310-7315.	3.3	38
14	Cutinase and Other Lipolytic Esterases Protect Bean Leaves from Infection by <i>Rhizoctonia solani</i> . <i>Molecular Plant-Microbe Interactions</i> , 1998, 11, 514-522.	1.4	22
15	Genetic Characterization of a Cell Envelope-Associated Proteinase from <i>Lactobacillus helveticus</i> CNRZ32. <i>Journal of Bacteriology</i> , 1999, 181, 4592-4597.	1.0	76
16	Cold-Active Serine Alkaline Protease from the Psychrotrophic Bacterium <i>Shewanella</i> Strain Ac10: Gene Cloning and Enzyme Purification and Characterization. <i>Applied and Environmental Microbiology</i> , 1999, 65, 611-617.	1.4	101
17	Exocytosis and Endocytosis. <i>Plant Cell</i> , 1999, 11, 643-659.	3.1	251
18	Directed evolution converts subtilisin E into a functional equivalent of thermitase. <i>Protein Engineering, Design and Selection</i> , 1999, 12, 47-53.	1.0	290

#	ARTICLE	IF	CITATIONS
19	The Prosegments of Furin and PC7 as Potent Inhibitors of Proprotein Convertases. <i>Journal of Biological Chemistry</i> , 1999, 274, 33913-33920.	1.6	122
20	Autocatalytic Processing of Site-1 Protease Removes Propeptide and Permits Cleavage of Sterol Regulatory Element-binding Proteins. <i>Journal of Biological Chemistry</i> , 1999, 274, 22795-22804.	1.6	157
21	Intracellular Proteolytic Processing of the Heavy Chain of Rat Pre- $\alpha_2$ -inhibitor. <i>Journal of Biological Chemistry</i> , 1999, 274, 6741-6746.	1.6	18
22	A Genomic Cluster Containing Four Differentially Regulated Subtilisin-like Processing Protease Genes Is in Tomato Plants. <i>Journal of Biological Chemistry</i> , 1999, 274, 2360-2365.	1.6	144
23	Extremely Thermostable Serine-type Protease from <i>Aquifex pyrophilus</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 881-888.	1.6	34
24	A proteolytic pathway that controls the cholesterol content of membranes, cells, and blood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 11041-11048.	3.3	1,195
25	<i>Plasmodium falciparum</i> subtilisin-like protease 2, a merozoite candidate for the merozoite surface protein 1-42 maturase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 6445-6450.	3.3	96
26	Mammalian subtilisin/kexin isozyme SKI-1: A widely expressed proprotein convertase with a unique cleavage specificity and cellular localization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 1321-1326.	3.3	273
27	A 36-Residue Peptide Contains All of the Information Required for 7B2-mediated Activation of Prohormone Convertase 2. <i>Journal of Biological Chemistry</i> , 1999, 274, 21471-21477.	1.6	30
28	Cell surface protease PRT1 identified in the fungal pathogen <i>Pneumocystis carinii</i> . <i>Molecular Microbiology</i> , 1999, 31, 1723-1733.	1.2	33
29	Fermentation production of keratinase from <i>Bacillus licheniformis</i> PWD-1 and a recombinant <i>B. subtilis</i> FDB-29. <i>Journal of Industrial Microbiology and Biotechnology</i> , 1999, 22, 608-616.	1.4	91
30	Exploring Nonnatural Evolutionary Pathways by Saturation Mutagenesis: Rapid Improvement of Protein Function. <i>Journal of Molecular Evolution</i> , 1999, 49, 716-720.	0.8	187
31	Characterization of the subtilase gene family in tomato ( <i>Lycopersicon esculentum</i> Mill.). <i>Plant Molecular Biology</i> , 1999, 39, 749-760.	2.0	98
32	PfSUB-2: a second subtilisin-like protein in <i>Plasmodium falciparum</i> merozoites. <i>Molecular and Biochemical Parasitology</i> , 1999, 103, 183-195.	0.5	63
33	Characterization of a cDNA encoding a subtilisin-like serine protease (NC-p65) of <i>Neospora caninum</i> . <i>Molecular and Biochemical Parasitology</i> , 1999, 103, 211-223.	0.5	35
34	Weakly bound calcium ions involved in the thermostability of aqualysin I, a heat-stable subtilisin-type protease of <i>Thermus aquaticus</i> YT-1. <i>BBA - Proteins and Proteomics</i> , 1999, 1433, 132-138.	2.1	23
35	Proprotein and prohormone convertases: a family of subtilases generating diverse bioactive polypeptides. Published on the World Wide Web on 17 August 1999.1. <i>Brain Research</i> , 1999, 848, 45-62.	1.1	775
36	Structural and energetic determinants of the S1-site specificity in serine proteases. <i>FEBS Journal</i> , 1999, 260, 571-595.	0.2	89

#	ARTICLE	IF	CITATIONS
37	Properties of a subtilisin-like proteinase from a psychrotrophic <i>Vibrio</i> species . Comparison with proteinase K and aqualysin I. <i>FEBS Journal</i> , 1999, 260, 752-760.	0.2	50
38	Family of prohormone convertases in <i>lymnaea</i> : characterization of two alternatively spliced furin-like transcripts and cell-specific regulation of their expression. <i>Journal of Neurobiology</i> , 1999, 41, 399-413.	3.7	10
39	The Cell Biology of the Prohormone Convertases PCI and PC2. <i>Progress in Molecular Biology and Translational Science</i> , 1999, 63, 69-108.	1.9	133
40	Selection for improved subtiligases by phage display. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 9497-9502.	3.3	118
41	Engineered <i>Bacillus lentus</i> subtilisins having altered flexibility 1 Edited by P. E. Wright. <i>Journal of Molecular Biology</i> , 1999, 292, 97-109.	2.0	28
42	Altered flexibility in the substrate-binding site of related native and engineered high-alkaline <i>Bacillus</i> subtilisins 1 Edited by P. E. Wright. <i>Journal of Molecular Biology</i> , 1999, 292, 111-123.	2.0	256
43	Calcium-mediated thermostability in the subtilisin superfamily: the crystal structure of <i>Bacillus</i> Ak.1 protease at 1.8 Å resolution. <i>Journal of Molecular Biology</i> , 1999, 294, 1027-1040.	2.0	122
44	Biosynthesis and Enzymatic Characterization of Human SKI-1/S1P and the Processing of Its Inhibitory Prosegment. <i>Journal of Biological Chemistry</i> , 2000, 275, 2349-2358.	1.6	79
45	Dynamic palmitoylation of lymphoma proprotein convertase prolongs its half-life, but is not essential for trans-Golgi network localization. <i>Biochemical Journal</i> , 2000, 352, 827.	1.7	16
46	Purification and characterization of Ak.1 protease, a thermostable subtilisin with a disulphide bond in the substrate-binding cleft. <i>Biochemical Journal</i> , 2000, 350, 321-328.	1.7	21
47	Sequence of the Gene Encoding an Alkaline Serine Proteinase of <i>Bacillus pumilus</i> TYO67. <i>Microbiology and Immunology</i> , 2000, 44, 389-393.	0.7	13
48	Synthesis of Peptidyl Methylcoumarin Esters as Substrates and Active-Site Titrants for the Prohormone Processing Proteases Kex2 and PC2. <i>Analytical Biochemistry</i> , 2000, 280, 201-208.	1.1	8
49	Sequencing and characterization of a novel serine metalloprotease from <i>Burkholderia pseudomallei</i> . <i>FEMS Microbiology Letters</i> , 2000, 192, 67-72.	0.7	43
50	Plant development: Keeping your distance. <i>Current Biology</i> , 2000, 10, R555-R557.	1.8	4
51	Isolation and characterization of a cDNA encoding a subtilisin-like serine proteinase (AhSUB) from <i>Acanthamoeba healyi</i> . <i>Molecular and Biochemical Parasitology</i> , 2000, 111, 441-446.	0.5	28
52	Evolution of the prohormone convertases: identification of a homologue of PC6 in the protochordate amphioxus. <i>BBA - Proteins and Proteomics</i> , 2000, 1477, 338-348.	2.1	17
53	The PA domain: A protease-associated domain. <i>Protein Science</i> , 2000, 9, 1930-1934.	3.1	88
54	Plant proteolytic enzymes: possible roles during programmed cell death. <i>Plant Molecular Biology</i> , 2000, 44, 399-415.	2.0	191

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55	The seed coat-specific expression of a subtilisin-like gene, SCS1 , from soybean. <i>Planta</i> , 2000, 211, 484-492.	1.6	35
56	Development of Detergent Enzymes.. <i>Journal of Applied Glycoscience</i> (1999), 2000, 47, 243-251.	0.3	5
57	Binding of BiP to the Processing Enzyme Lymphoma Proprotein Convertase Prevents Aggregation, but Slows Down Maturation. <i>Journal of Biological Chemistry</i> , 2000, 275, 38842-38847.	1.6	24
58	The Kex2p Proregion Is Essential for the Biosynthesis of an Active Enzyme and Requires a C-terminal Basic Residue for Its Function. <i>Molecular Biology of the Cell</i> , 2000, 11, 1947-1957.	0.9	26
59	Maturation and Specificity of Plasmodium falciparum Subtilisin-like Protease-1, a Malaria Merozoite Subtilisin-like Serine Protease. <i>Journal of Biological Chemistry</i> , 2000, 275, 631-641.	1.6	60
60	A Serine Protease-Encoding Gene ( aprII ) of Alteromonas sp. Strain O-7 Is Regulated by the Iron Uptake Regulator (Fur) Protein. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3778-3783.	1.4	12
61	Cold Adaptation of a Mesophilic Subtilisin-like Protease by Laboratory Evolution. <i>Journal of Biological Chemistry</i> , 2000, 275, 31635-31640.	1.6	128
62	Local and Systemic Induction of Two Defense-Related Subtilisin-Like Protease Promoters in Transgenic Arabidopsis Plants. Luciferin Induction of PR Gene Expression. <i>Plant Physiology</i> , 2000, 124, 1049-1058.	2.3	59
63	Characterization of the Kexin-Like Maturase of <i>Aspergillus niger</i> . <i>Applied and Environmental Microbiology</i> , 2000, 66, 363-368.	1.4	62
64	In Vitro Antimicrobial Properties of Recombinant ASABF, an Antimicrobial Peptide Isolated from the Nematode <i>Ascaris suum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2701-2705.	1.4	27
65	The Low pH in Trans-Golgi Triggers Autocatalytic Cleavage of Pre- $\hat{\alpha}$ -inhibitor Heavy Chain Precursor. <i>Journal of Biological Chemistry</i> , 2000, 275, 30996-31000.	1.6	27
66	Mutations in the Catalytic Domain of Prohormone Convertase 2 Result in Decreased Binding to 7B2 and Loss of Inhibition with 7B2 C-terminal Peptide. <i>Journal of Biological Chemistry</i> , 2000, 275, 14667-14677.	1.6	16
67	Deletion of Various Carboxy-Terminal Domains of <i>Lactococcus lactis</i> SK11 Proteinase: Effects on Activity, Specificity, and Stability of the Truncated Enzyme. <i>Applied and Environmental Microbiology</i> , 2000, 66, 2859-2865.	1.4	15
68	LeSBT1, a Subtilase from Tomato Plants. <i>Journal of Biological Chemistry</i> , 2000, 275, 5193-5199.	1.6	35
69	<i>Streptococcus thermophilus</i> Cell Wall-Anchored Proteinase: Release, Purification, and Biochemical and Genetic Characterization. <i>Applied and Environmental Microbiology</i> , 2000, 66, 4772-4778.	1.4	128
70	The Complete Amino Acid Substitutions at Position 131 That Are Positively Involved in Cold Adaptation of Subtilisin BPN $\hat{\alpha}$ 2. <i>Applied and Environmental Microbiology</i> , 2000, 66, 1410-1415.	1.4	28
71	Characterization of P69E and P69F, Two Differentially Regulated Genes Encoding New Members of the Subtilisin-Like Proteinase Family from Tomato Plants. <i>Plant Physiology</i> , 2000, 122, 67-74.	2.3	63
72	Association and Dissociation of the Tripeptidyl-peptidase II Complex as a Way of Regulating the Enzyme Activity. <i>Archives of Biochemistry and Biophysics</i> , 2000, 376, 275-280.	1.4	28

#	ARTICLE	IF	CITATIONS
73	The Excluding Effects of Sucrose on a Protein Chemical Degradation Pathway: Methionine Oxidation in Subtilisin. Archives of Biochemistry and Biophysics, 2000, 384, 123-132.	1.4	64
74	Novel Oxidatively Stable Subtilisin-like Serine Proteases from Alkaliphilic Bacillus spp.: Enzymatic Properties, Sequences, and Evolutionary Relationships. Biochemical and Biophysical Research Communications, 2000, 279, 313-319.	1.0	40
75	Directed evolution study of temperature adaptation in a psychrophilic enzyme 1 Edited by J. A. Wells. Journal of Molecular Biology, 2000, 297, 1015-1026.	2.0	243
76	The mycosins of Mycobacterium tuberculosis H37Rv: a family of subtilisin-like serine proteases. Gene, 2000, 254, 147-155.	1.0	49
77	Molecular Cloning and Characterization of a cDNA and a Gene for Subtilisin-like Serine Proteases from Rice (Oryza sativaL.) and Arabidopsis thaliana. Bioscience, Biotechnology and Biochemistry, 2000, 64, 1947-1957.	0.6	30
78	Subtilisins of Bacillus spp. hydrolyze keratin and allow growth on feathers. Canadian Journal of Microbiology, 2000, 46, 1004-1011.	0.8	65
79	Evaluating the Safety of Microbial Enzyme Preparations Used in Food Processing: Update for a New Century. Regulatory Toxicology and Pharmacology, 2001, 33, 173-186.	1.3	195
80	Differences in the Specificities of the Highly Alkalophilic Proteinases Savinase and Esperase Imposed by Changes in the Rigidity and Geometry of the Substrate Binding Sites. Archives of Biochemistry and Biophysics, 2001, 387, 197-201.	1.4	13
81	Cloning and Postharvest Expression of Serine Proteinase Transcripts in the Cultivated Mushroom Agaricus bisporus. Fungal Genetics and Biology, 2001, 32, 135-144.	0.9	23
82	Functional analysis of the propeptides of subtilisin E and aqualysin I as intramolecular chaperones. FEBS Letters, 2001, 508, 210-214.	1.3	22
83	Mechanism of Kex2p inhibition by its proregion. FEBS Letters, 2001, 508, 332-336.	1.3	17
84	Purification, characterization, and molecular modeling of pyrrolysin and other extracellular thermostable serine proteases from hyperthermophilic microorganisms. Methods in Enzymology, 2001, 330, 383-393.	0.4	16
86	Molecular Characterization of a Subtilase from the Vascular Wilt Fungus Fusarium oxysporum. Molecular Plant-Microbe Interactions, 2001, 14, 653-662.	1.4	41
87	Substrate Specificity of the Highly Alkalophilic Bacterial Proteinase Esperase: Relation to the X-Ray Structure. Current Microbiology, 2001, 42, 368-371.	1.0	7
89	pH-induced conformational transitions of a molten-globule-like state of the inhibitory prodomain of furin: Implications for zymogen activation. Protein Science, 2001, 10, 934-942.	3.1	26
90	Molecular markers of serine protease evolution. EMBO Journal, 2001, 20, 3036-3045.	3.5	167
91	Subtilisin-like autotransporter serves as maturation protease in a bacterial secretion pathway. EMBO Journal, 2001, 20, 5040-5048.	3.5	122
92	Purification and characterisation of a serine peptidase from the marine psychrophile strain PA-43. FEMS Microbiology Letters, 2001, 201, 285-290.	0.7	30

#	ARTICLE	IF	CITATIONS
93	Patterns of adaptation in a laboratory evolved thermophilic enzyme. <i>BBA - Proteins and Proteomics</i> , 2001, 1549, 1-8.	2.1	50
94	Predicting crossover generation in DNA shuffling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 3226-3231.	3.3	69
95	Recombinant Cryptic Human Fibronectinase Cleaves Actin and Myosin: Substrate Specificity and Possible Role in Muscular Dystrophy. <i>Biological Chemistry</i> , 2001, 382, 1707-14.	1.2	6
96	Active Subtilisin-Like Protease from a Hyperthermophilic Archaeon in a Form with a Putative Prosequence. <i>Applied and Environmental Microbiology</i> , 2001, 67, 2445-2452.	1.4	68
97	Computational method to reduce the search space for directed protein evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 3778-3783.	3.3	168
98	Peptide signaling in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 12855-12856.	3.3	19
99	The Profibrinolytic Enzyme Subtilisin NAT Purified from <i>Bacillus subtilis</i> Cleaves and Inactivates Plasminogen Activator Inhibitor Type 1. <i>Journal of Biological Chemistry</i> , 2001, 276, 24690-24696.	1.6	134
100	Differential Utilization of Enzyme-Substrate Interactions for Acylation but Not Deacylation during the Catalytic Cycle of Kex2 Protease. <i>Journal of Biological Chemistry</i> , 2001, 276, 38394-38399.	1.6	12
101	Temperature adaptation of enzymes: Lessons from laboratory evolution. <i>Advances in Protein Chemistry</i> , 2001, 55, 161-225.	4.4	136
102	A Conserved Subtilisin-like Protein TgSUB1 in Microneme Organelles of <i>Toxoplasma gondii</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 45341-45348.	1.6	85
103	Generation of a broad esterolytic subtilisin using combined molecular evolution and periplasmic expression. <i>Protein Engineering, Design and Selection</i> , 2001, 14, 929-937.	1.0	12
104	Bioactive peptides as signal molecules in plant defense, growth, and development. <i>Studies in Natural Products Chemistry</i> , 2001, 25, 367-411.	0.8	6
105	Isolation and Characterization of the Genes Encoding Two Metalloproteases (MprI and MprII) from a Marine Bacterium, <i>Alteromonas</i> sp. Strain O-7. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 416-421.	0.6	18
106	Sodium-23 and Lanthanum-139 Nuclear Magnetic Resonance Studies of Cation Binding to Aqualysin I, a Thermostable Serine Protease. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 1281-1286.	0.6	2
107	Structural Basis of Thermostability. <i>Journal of Biological Chemistry</i> , 2002, 277, 27553-27558.	1.6	43
108	Expression of Recombinant <i>Plasmodium falciparum</i> Subtilisin-like Protease-1 in Insect Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 29698-29709.	1.6	50
109	Proteolysis and Sterol Regulation. <i>Annual Review of Cell and Developmental Biology</i> , 2002, 18, 345-378.	4.0	95
110	Yeast Kex2 Protease. <i>The Enzymes</i> , 2002, , 259-289.	0.7	3



#	ARTICLE	IF	CITATIONS
111	Ser214 Is Crucial for Substrate Binding to Serine Proteases. <i>Journal of Biological Chemistry</i> , 2002, 277, 40260-40264.	1.6	45
112	The Major Extracellular Protease of the Nosocomial Pathogen <i>Stenotrophomonas maltophilia</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 11042-11049.	1.6	92
113	Molecular Analysis of the Gene Encoding a Novel Chitin-Binding Protease from <i>Alteromonas</i> sp. Strain O-7 and Its Role in the Chitinolytic System. <i>Journal of Bacteriology</i> , 2002, 184, 1865-1872.	1.0	27
114	The Subtilisin-Like Serine Protease SDD1 Mediates Cell-to-Cell Signaling during <i>Arabidopsis</i> Stomatal Development. <i>Plant Cell</i> , 2002, 14, 1527-1539.	3.1	271
115	The Enzymology of PC1 and PC2. <i>The Enzymes</i> , 2002, 22, 291-332.	0.7	18
116	SH-Group Introduction to the N-terminal of Subtilisin and Preparation of Immobilized and Dimeric Enzymes. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 2247-2251.	2.0	6
117	Prodomains and Protein Folding Catalysis. <i>Chemical Reviews</i> , 2002, 102, 4805-4816.	23.0	106
118	Mutational Analysis of the Autoprocessing Site of Subtilisin YaB-G124A. <i>Biochemical and Biophysical Research Communications</i> , 2002, 291, 165-169.	1.0	2
119	A novel subtilase from common bean leaves. <i>FEBS Letters</i> , 2002, 530, 163-168.	1.3	28
120	Solution Structure of the Pro-hormone Convertase 1 Pro-domain from <i>Mus musculus</i> . <i>Journal of Molecular Biology</i> , 2002, 320, 801-812.	2.0	43
121	Cloning and characterization of PRB1, a <i>Candida albicans</i> gene encoding a putative novel endoprotease B and factors affecting its expression. <i>Research in Microbiology</i> , 2002, 153, 611-620.	1.0	6
122	Flavour formation from amino acids by lactic acid bacteria: predictions from genome sequence analysis. <i>International Dairy Journal</i> , 2002, 12, 111-121.	1.5	182
123	Enhanced immunogenicity of a functional enzyme by T cell epitope modification. <i>BMC Immunology</i> , 2002, 3, 2.	0.9	5
124	Cleavage specificity of the subtilisin-like protease C1 from soybean. <i>BBA - Proteins and Proteomics</i> , 2002, 1596, 269-282.	2.1	26
125	The 1.4 Å... Crystal Structure of Kumamolysin. <i>Structure</i> , 2002, 10, 865-876.	1.6	51
127	Bacterial alkaline proteases: molecular approaches and industrial applications. <i>Applied Microbiology and Biotechnology</i> , 2002, 59, 15-32.	1.7	1,190
128	Cloning and genetic analysis of subtilases in sapstaining fungi. <i>Current Genetics</i> , 2002, 41, 168-175.	0.8	8
129	A novel subtilisin-like serine protease from <i>Thermoanaerobacter yonseiensis</i> KB-1: its cloning, expression, and biochemical properties. <i>Extremophiles</i> , 2002, 6, 233-243.	0.9	26



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130	A novel species of alkaliphilic <i>Bacillus</i> that produces an oxidatively stable alkaline serine protease. <i>Extremophiles</i> , 2002, 6, 65-72.	0.9	59
131	Molecular characterization of fervidolysin, a subtilisin-like serine protease from the thermophilic bacterium <i>Fervidobacterium pennivorans</i> . <i>Extremophiles</i> , 2002, 6, 185-194.	0.9	43
132	Identification of the catalytic triad in tripeptidyl-peptidase II through site-directed mutagenesis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002, 1601, 149-154.	1.1	14
133	A temperature-sensitive Krp1 allows in vivo characterization of kexin activation. <i>Molecular Microbiology</i> , 2002, 37, 606-618.	1.2	5
134	The insert within the catalytic domain of tripeptidyl-peptidase II is important for the formation of the active complex. <i>FEBS Journal</i> , 2002, 269, 1438-1443.	0.2	20
135	Characterization of a cloned subtilisin-like serine proteinase from a psychrotrophic <i>Vibrio</i> species. <i>FEBS Journal</i> , 2002, 269, 5536-5546.	0.2	55
136	Characterization of proteolytic activity of proteases. <i>Biotechnology Letters</i> , 2002, 24, 191-195.	1.1	6
137	Precursor Processing by Kex2/Furin Proteases. <i>Chemical Reviews</i> , 2002, 102, 4525-4548.	23.0	183
138	Activity and Stability of Native and Modified Subtilisins in Various Media. <i>Biochemistry (Moscow)</i> , 2003, 68, 1261-1266.	0.7	6
139	Nucleotide and Deduced Amino Acid Sequences of a New Subtilisin from an Alkaliphilic <i>Bacillus</i> Isolate. <i>Current Microbiology</i> , 2003, 47, 337-340.	1.0	11
140	A new approach for alteration of protease functions: pro-sequence engineering. <i>Applied Microbiology and Biotechnology</i> , 2003, 63, 1-9.	1.7	34
141	A novel extracellular subtilisin-like protease from the hyperthermophile <i>Aeropyrum pernix</i> : biochemical properties, cloning, and expression. <i>Extremophiles</i> , 2003, 7, 391-399.	0.9	44
142	A cold-adapted extracellular serine proteinase of the yeast <i>Leucosporidium antarcticum</i> . <i>Extremophiles</i> , 2003, 7, 435-442.	0.9	80
143	The unique cold-adapted extracellular subtilase from psychrophilic yeast <i>Leucosporidium antarcticum</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2003, 21, 39-42.	1.8	13
144	Improvement of thermostability of cold-active serine alkaline protease from the psychrotrophic bacterium <i>Shewanella</i> sp. strain Ac10 by rational mutagenesis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2003, 22, 113-117.	1.8	8
145	Cloning of and genetic variation in protease VCP1 from the nematophagous fungus <i>Pochonia chlamydosporia</i> . <i>Mycological Research</i> , 2003, 107, 38-46.	2.5	72
146	Expression of subtilisin-like serine proteases in <i>Arabidopsis thaliana</i> is cell-specific and responds to jasmonic acid and heavy metals with developmental differences. <i>Physiologia Plantarum</i> , 2003, 118, 64-73.	2.6	38
147	TgSUB2 is a <i>Toxoplasma gondii</i> rhoptry organelle processing proteinase. <i>Molecular Microbiology</i> , 2003, 49, 883-894.	1.2	83

#	ARTICLE	IF	CITATIONS
148	The crystal structure of the proprotein processing proteinase furin explains its stringent specificity. <i>Nature Structural and Molecular Biology</i> , 2003, 10, 520-526.	3.6	313
149	The 0.93Å... Crystal Structure of Sphericase: A Calcium-loaded Serine Protease from <i>Bacillus sphaericus</i> . <i>Journal of Molecular Biology</i> , 2003, 332, 1071-1082.	2.0	39
150	Functional characterization of Narc 1, a novel proteinase related to proteinase K. <i>Archives of Biochemistry and Biophysics</i> , 2003, 420, 55-67.	1.4	142
151	Nucleotide and deduced amino acid sequences of a high-molecular-mass subtilisin from an alkaliphilic <i>Bacillus</i> isolate. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1624, 109-114.	1.1	9
152	Detection and impact of protease and lipase activities in milk and milk powders. <i>International Dairy Journal</i> , 2003, 13, 255-275.	1.5	217
153	Ara1.2 subtilisin-like protease from <i>Arabidopsis thaliana</i> : purification, substrate specificity and tissue localization. <i>Biochemical Journal</i> , 2003, 370, 57-67.	1.7	56
154	Genetics of Proteolysis in <i>Lactococcus lactis</i> . , 2003, , 189-223.		6
155	Curbing activation: proprotein convertases in homeostasis and pathology. <i>FASEB Journal</i> , 2003, 17, 1215-1227.	0.2	196
156	Role of Adhesin Release for Mucosal Colonization by a Bacterial Pathogen. <i>Journal of Experimental Medicine</i> , 2003, 197, 735-742.	4.2	103
157	cg12 Expression Is Specifically Linked to Infection of Root Hairs and Cortical Cells during <i>Casuarina glauca</i> and <i>Allocausarina verticillata</i> Actinorhizal Nodule Development. <i>Molecular Plant-Microbe Interactions</i> , 2003, 16, 600-607.	1.4	78
158	Functional Characterization of the Propeptide of <i>Plasmodium falciparum</i> Subtilisin-like Protease-1. <i>Journal of Biological Chemistry</i> , 2003, 278, 28572-28579.	1.6	45
159	Two Paralogous Families of a Two-Gene Subtilisin Operon Are Widely Distributed in Oral Treponemes. <i>Journal of Bacteriology</i> , 2003, 185, 6860-6869.	1.0	28
160	The secretory proprotein convertase neural apoptosis-regulated convertase 1 (NARC-1): Liver regeneration and neuronal differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 928-933.	3.3	1,012
161	Mutational analysis of predicted interactions between the catalytic and P domains of prohormone convertase 3 (PC3/PC1). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5622-5627.	3.3	21
162	Optimization of protease-inhibitor interactions by randomizing adventitious contacts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8205-8210.	3.3	41
163	Identification and Genetic Characterization of a Novel Proteinase, PrtR, from the Human Isolate <i>Lactobacillus rhamnosus</i> BGT10. <i>Applied and Environmental Microbiology</i> , 2003, 69, 5802-5811.	1.4	56
164	Synthetic peptides derived from the prosegments of proprotein convertase 1/3 and furin are potent inhibitors of both enzymes. <i>Biochemical Journal</i> , 2003, 373, 231-239.	1.7	37
165	Starter Cultures: General Aspects. <i>Cheese: Chemistry, Physics and Microbiology</i> , 2004, 1, 123-147.	0.2	84

#	ARTICLE	IF	CITATIONS
166	Purification and Characterization of Serine Proteases That Exhibit Caspase-Like Activity and Are Associated with Programmed Cell Death in <i>Avena sativa</i> . <i>Plant Cell</i> , 2004, 16, 857-873.	3.1	247
167	The Crystal Structure of an Oxidatively Stable Subtilisin-like Alkaline Serine Protease, KP-43, with a C-terminal $\beta^2$ -Barrel Domain. <i>Journal of Biological Chemistry</i> , 2004, 279, 47344-47351.	1.6	37
168	Adenoviral-mediated expression of Pcsk9 in mice results in a low-density lipoprotein receptor knockout phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 7100-7105.	3.3	548
169	A New Family of Potent AB5 Cytotoxins Produced by Shiga Toxigenic <i>Escherichia coli</i> . <i>Journal of Experimental Medicine</i> , 2004, 200, 35-46.	4.2	306
170	Design and Production in <i>Aspergillus niger</i> of a Chimeric Protein Associating a Fungal Feruloyl Esterase and a Clostridial Dockerin Domain. <i>Applied and Environmental Microbiology</i> , 2004, 70, 6984-6991.	1.4	36
171	Disruption of the Subtilase Gene, <i>albin1</i> , in <i>Ophiostoma piliferum</i> . <i>Applied and Environmental Microbiology</i> , 2004, 70, 3898-3903.	1.4	10
172	Plasticity of Extended Subsites Facilitates Divergent Substrate Recognition by Kex2 and Furin. <i>Journal of Biological Chemistry</i> , 2004, 279, 35656-35663.	1.6	17
173	NARC-1/PCSK9 and Its Natural Mutants. <i>Journal of Biological Chemistry</i> , 2004, 279, 48865-48875.	1.6	544
174	Tyrosine 547 Constitutes an Essential Part of the Catalytic Mechanism of Dipeptidyl Peptidase IV. <i>Journal of Biological Chemistry</i> , 2004, 279, 34691-34697.	1.6	69
175	Engineering a substrate-specific cold-adapted subtilisin. <i>Protein Engineering, Design and Selection</i> , 2004, 17, 149-156.	1.0	52
176	A phylogenomic approach to reconstructing the diversification of serine proteases in fungi. <i>Journal of Evolutionary Biology</i> , 2004, 17, 1204-1214.	0.8	71
177	Proteases in host cell invasion by the malaria parasite. <i>Cellular Microbiology</i> , 2004, 6, 893-903.	1.1	41
178	Stimulus-dependent regulation and cellular expression of genes encoding neuropeptides, prohormone convertases, alpha-amidating enzyme and 7B2 in identified <i>Lymnaea</i> neurons. <i>Journal of Neurochemistry</i> , 2004, 90, 287-296.	2.1	8
179	Subtilisin-like proteases of the malaria parasite. <i>Molecular Microbiology</i> , 2004, 53, 55-63.	1.2	76
180	1.2 Å... Crystal Structure of the Serine Carboxyl Proteinase Pro-Kumamolisin. <i>Structure</i> , 2004, 12, 1313-1323.	1.6	57
181	The kindest cuts of all: crystal structures of Kex2 and furin reveal secrets of precursor processing. <i>Trends in Biochemical Sciences</i> , 2004, 29, 80-87.	3.7	75
182	Purification and Characterization of Serine Proteinase 2 from <i>Bacillus intermedius</i> 3-19. <i>Biochemistry (Moscow)</i> , 2004, 69, 420-426.	0.7	11
183	Side chain dynamics monitored by $^{13}\text{C}$ - $^{13}\text{C}$ cross-relaxation. <i>Journal of Biomolecular NMR</i> , 2004, 29, 151-166.	1.6	11

#	ARTICLE	IF	CITATIONS
184	A mutation in PCSK9 causing autosomal-dominant hypercholesterolemia in a Utah pedigree. <i>Human Genetics</i> , 2004, 114, 349-353.	1.8	292
185	A new subtilisin family: nucleotide and deduced amino acid sequences of new high-molecular-mass alkaline proteases from <i>Bacillus</i> spp.. <i>Extremophiles</i> , 2004, 8, 229-235.	0.9	25
186	Gene targeting demonstrates that the <i>Plasmodium berghei</i> subtilisin PbSUB2 is essential for red cell invasion and reveals spontaneous genetic recombination events. <i>Cellular Microbiology</i> , 2004, 6, 65-78.	1.1	43
187	A classification of plant food allergens†. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 113, 821-830.	1.5	485
188	Reconstructing the diversification of subtilisins in the pathogenic fungus <i>Metarhizium anisopliae</i> . <i>Gene</i> , 2004, 324, 159-169.	1.0	124
189	Analysis of the distribution and regulation of three representative subtilase genes in sapstaining fungi. <i>Fungal Genetics and Biology</i> , 2004, 41, 274-283.	0.9	6
190	Processing of pro-thrombostasin by a recombinant subtilisin-like proprotein convertase derived from the salivary glands of horn flies ( <i>Haematobia irritans</i> ). <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 1289-1295.	1.2	1
191	Proprotein convertase subtilisin kexin 9: the third locus implicated in autosomal dominant hypercholesterolemia. <i>Current Opinion in Lipidology</i> , 2005, 16, 167-172.	1.2	78
192	Plant serine proteases: biochemical, physiological and molecular features. <i>Plant Physiology and Biochemistry</i> , 2005, 43, 637-650.	2.8	169
193	Stabilization method of an alkaline protease from inactivation by heat, SDS and hydrogen peroxide. <i>Enzyme and Microbial Technology</i> , 2005, 36, 766-772.	1.6	25
194	High cleavage specificity of a subtilisin-like protease from a hyperthermophilic archaeon under extreme conditions. <i>Enzyme and Microbial Technology</i> , 2005, 37, 745-749.	1.6	4
195	Substrate specificity of alkaline protease from alkaliphilic feather-degrading <i>Nesterenkonia</i> sp. AL20. <i>Enzyme and Microbial Technology</i> , 2005, 37, 534-540.	1.6	31
196	Oxidant and SDS-stable alkaline protease from a halo-tolerant <i>Bacillus clausii</i> I-52: enhanced production and simple purification. <i>Journal of Applied Microbiology</i> , 2005, 98, 491-497.	1.4	69
197	Detection of native peptides as potent inhibitors of enzymes. <i>FEBS Journal</i> , 2005, 272, 562-572.	2.2	23
198	Crystal structure of a subtilisin-like serine proteinase from a psychrotrophic <i>Vibrio</i> species reveals structural aspects of cold adaptation. <i>FEBS Journal</i> , 2005, 272, 832-845.	2.2	79
199	A complete survey of <i>Trichoderma</i> chitinases reveals three distinct subgroups of family 18 chitinases. <i>FEBS Journal</i> , 2005, 272, 5923-5939.	2.2	209
200	Unique insertions within <i>Plasmodium falciparum</i> subtilisin-like protease-1 are crucial for enzyme maturation and activity. <i>Molecular and Biochemical Parasitology</i> , 2005, 144, 187-197.	0.5	17
201	Phylogenetic and Exon/Intron Structure Analysis of Fungal Subtilisins: Support for a Mixed Model of Intron Evolution. <i>Journal of Molecular Evolution</i> , 2005, 60, 238-246.	0.8	6

#	ARTICLE	IF	CITATIONS
202	Bacillus licheniformis Variant DY Proteinase: Specificity in Relation to the Geometry of the Substrate Recognition Site. <i>Current Microbiology</i> , 2005, 51, 71-74.	1.0	5
203	Contribution of a Salt Bridge Triad to the Thermostability of a Highly Alkaline Protease from an Alkaliphilic Bacillus Strain*. <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 961-967.	1.7	8
204	Crystallization and preliminary X-ray crystallographic studies of a psychrophilic subtilisin-like protease Apa1 from Antarctic <i>Pseudoalteromonas</i> strain AS-11. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 308-311.	0.7	15
206	Inferring Hypotheses on Functional Relationships of Genes: Analysis of the Arabidopsis thaliana Subtilase Gene Family. <i>PLoS Computational Biology</i> , 2005, 1, e40.	1.5	157
207	Triplet nucleotide removal at random positions in a target gene: the tolerance of TEM-1 $\beta$ -lactamase to an amino acid deletion. <i>Nucleic Acids Research</i> , 2005, 33, e80-e80.	6.5	62
208	A new subfamily of fungal subtilases; structural and functional analysis of a <i>Pleurotus ostreatus</i> member. <i>Microbiology (United Kingdom)</i> , 2005, 151, 457-466.	0.7	20
209	Early Events in Nodulation of <i>Casuarina glauca</i> by <i>Frankia</i> . , 2005, , 205-206.		0
210	Seven Lotus japonicus Genes Required for Transcriptional Reprogramming of the Root during Fungal and Bacterial Symbiosis. <i>Plant Cell</i> , 2005, 17, 2217-2229.	3.1	293
211	Cloning and Expression of Islandisin, a New Thermostable Subtilisin from <i>Fervidobacterium islandicum</i> , in <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 3951-3958.	1.4	28
212	Tripeptidyl Peptidase II. An Oligomeric Protease Complex from Arabidopsis. <i>Plant Physiology</i> , 2005, 138, 1046-1057.	2.3	54
213	QuasiMotifFinder: protein annotation by searching for evolutionarily conserved motif-like patterns. <i>Nucleic Acids Research</i> , 2005, 33, W255-W261.	6.5	35
214	Protein Convertase Models based on the Crystal Structures of Furin and Kexin: Explanation of their Specificity. <i>Journal of Molecular Biology</i> , 2005, 345, 211-227.	2.0	147
215	Folding Pathway Mediated by an Intramolecular Chaperone: Intrinsically Unstructured Propeptide Modulates Stochastic Activation of Subtilisin. <i>Journal of Molecular Biology</i> , 2005, 347, 367-383.	2.0	39
216	Stability of mutant serpin/furin complexes: Dependence on pH and regulation at the deacylation step. <i>Protein Science</i> , 2005, 14, 303-315.	3.1	11
217	Plant bioactive peptides: an expanding class of signaling molecules. <i>Canadian Journal of Botany</i> , 2006, 84, 1-19.	1.2	23
218	A Posttranslationally Regulated Protease, VheA, Is Involved in the Liberation of Juveniles from Parental Spheroids in <i>Volvox carteri</i> . <i>Plant Cell</i> , 2006, 18, 2554-2566.	3.1	16
219	The roles of surface loop insertions and disulfide bond in the stabilization of thermophilic WF146 protease. <i>FEBS Letters</i> , 2006, 580, 6007-6014.	1.3	25
220	Gene expression in the gut of keratin-feeding clothes moths ( <i>Tineola</i> ) and keratin beetles ( <i>Trox</i> ) revealed by subtracted cDNA libraries. <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 584-592.	1.2	29

#	ARTICLE	IF	CITATIONS
221	The <i>S. purpuratus</i> genome: A comparative perspective. <i>Developmental Biology</i> , 2006, 300, 485-495.	0.9	27
223	Crystallization and preliminary X-ray diffraction study of an active-site mutant of pro-Tk-subtilisin from a hyperthermophilic archaeon. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 902-905.	0.7	9
224	Purification and molecular characterization of subtilisin-like alkaline protease BPP-A from <i>Bacillus pumilus</i> strain MS-1. <i>Letters in Applied Microbiology</i> , 2006, 42, 242-247.	1.0	40
225	The 1.8 Å crystal structure of a proteinase K-like enzyme from a psychrotroph <i>Serratia</i> species. <i>FEBS Journal</i> , 2006, 273, 61-71.	2.2	32
226	Characterization of a recombinantly expressed proteinase K-like enzyme from a psychrotrophic <i>Serratia</i> sp.. <i>FEBS Journal</i> , 2006, 273, 47-60.	2.2	21
227	Growth conditions and production of the <i>Bacillus intermedius</i> subtilisin-like serine proteinase by the recombinant <i>Bacillus subtilis</i> strain. <i>Microbiology</i> , 2006, 75, 136-141.	0.5	1
228	Biosynthesis of the <i>Bacillus intermedius</i> subtilisin-like serine proteinase by the recombinant <i>Bacillus subtilis</i> strain. <i>Microbiology</i> , 2006, 75, 142-147.	0.5	2
229	AB5 subtilase cytotoxin inactivates the endoplasmic reticulum chaperone BiP. <i>Nature</i> , 2006, 443, 548-552.	13.7	351
230	Predicting proteinase specificities from free energy calculations. <i>Journal of Molecular Graphics and Modelling</i> , 2006, 25, 176-185.	1.3	10
231	Conversion of trypsin to a functional threonine protease. <i>Protein Science</i> , 2006, 15, 1229-1238.	3.1	32
232	An extracellular halophilic protease SptA from a halophilic archaeon <i>Natrinema</i> sp. J7: gene cloning, expression and characterization. <i>Extremophiles</i> , 2006, 10, 599-606.	0.9	65
233	Genetic characterization and expression of the novel fungal protease, EPg222 active in dry-cured meat products. <i>Applied Microbiology and Biotechnology</i> , 2006, 73, 356-365.	1.7	12
234	Cloning, expression and deletion of the cuticle-degrading protease BLG4 from nematophagous bacterium <i>Brevibacillus laterosporus</i> G4. <i>Archives of Microbiology</i> , 2006, 186, 297-305.	1.0	41
235	Analysis of the presence of <i>prtR</i> proteinase gene in natural isolates of <i>Lactobacillus rhamnosus</i> . <i>Folia Microbiologica</i> , 2006, 51, 535-540.	1.1	7
236	Cross genome comparisons of serine proteases in <i>Arabidopsis</i> and rice. <i>BMC Genomics</i> , 2006, 7, 200.	1.2	129
237	Single Amino Acid Substitution in the PC1/3 Propeptide Can Induce Significant Modifications of Its Inhibitory Profile toward Its Cognate Enzyme. <i>Journal of Biological Chemistry</i> , 2006, 281, 7556-7567.	1.6	12
238	Characteristic Features in the Structure and Collagen-Binding Ability of a Thermophilic Collagenolytic Protease from the Thermophile <i>Geobacillus collagenovorans</i> MO-1. <i>Journal of Bacteriology</i> , 2006, 188, 6572-6579.	1.0	38
239	A comparative study of the expression of serine proteinases in quiescent seeds and in developing <i>Canavalia ensiformis</i> plants. <i>Journal of Experimental Botany</i> , 2006, 58, 521-532.	2.4	12

#	ARTICLE	IF	CITATIONS
240	The proprotein convertases and their implication in sterol and/or lipid metabolism. <i>Biological Chemistry</i> , 2006, 387, 871-7.	1.2	88
241	Improved mutants from directed evolution are biased to orthologous substitutions. <i>Protein Engineering, Design and Selection</i> , 2006, 19, 245-253.	1.0	57
242	Ca <sup>2+</sup> -Dependent Maturation of Subtilisin from a Hyperthermophilic Archaeon, <i>Thermococcus kodakaraensis</i> : the Propeptide Is a Potent Inhibitor of the Mature Domain but Is Not Required for Its Folding. <i>Applied and Environmental Microbiology</i> , 2006, 72, 4154-4162.	1.4	45
243	CURRENT STATUS OF SNAKE VENOM THROMBIN-LIKE ENZYMES. <i>Toxin Reviews</i> , 2006, 25, 291-318.	1.5	18
244	A new kumamolisin-like protease from <i>Alicyclobacillus acidocaldarius</i> : an enzyme active under extreme acidic conditions. <i>Biocatalysis and Biotransformation</i> , 2006, 24, 358-370.	1.1	4
245	Characterization of an extracellular subtilisin protease of <i>Rhizopus microsporus</i> and evidence for its expression during invasive rhinoorbital mycosis. <i>Medical Mycology</i> , 2006, 44, 723-731.	0.3	28
246	A Conserved Subtilisin Protease Identified in <i>Babesia divergens</i> Merozoites. <i>Journal of Biological Chemistry</i> , 2006, 281, 35717-35726.	1.6	27
247	Role of Proline Residues in Conferring Thermostability on Aqualysin I. <i>Journal of Biochemistry</i> , 2006, 141, 213-220.	0.9	27
248	Characterization, Distribution, and Expression of Novel Genes among Eight Clinical Isolates of <i>Streptococcus pneumoniae</i> . <i>Infection and Immunity</i> , 2006, 74, 321-330.	1.0	45
249	Crystal Structure of Unautoprocessed Precursor of Subtilisin from a Hyperthermophilic Archaeon. <i>Journal of Biological Chemistry</i> , 2007, 282, 8246-8255.	1.6	62
250	A novel type of subtilase from the psychrotolerant bacterium <i>Pseudoalteromonas</i> sp. SM9913: catalytic and structural properties of disease MCP-01. <i>Microbiology (United Kingdom)</i> , 2007, 153, 2116-2125.	0.7	56
251	Proteolytic Stability of Insecticidal Toxins Expressed in Recombinant Bacilli. <i>Applied and Environmental Microbiology</i> , 2007, 73, 218-225.	1.4	17
252	Hyperphagia and Early-Onset Obesity due to a Novel Homozygous Missense Mutation in Prohormone Convertase 1/3. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3369-3373.	1.8	196
253	Pathologic Changes in Mice Induced by Subtilase Cytotoxin, a Potent New <i>Escherichia coli</i> AB5 Toxin That Targets the Endoplasmic Reticulum. <i>Journal of Infectious Diseases</i> , 2007, 196, 1093-1101.	1.9	83
254	SufA a novel subtilisin-like serine proteinase of <i>Fingoldia magna</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 4208-4218.	0.7	41
255	C-Npys (S-3-nitro-2-pyridinesulfonyl) and peptide derivatives can inhibit a serine-thiol proteinase activity from <i>Paracoccidioides brasiliensis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 1000-1005.	1.0	5
256	Activation of prothrombin by two subtilisin-like serine proteases from <i>Acremonium</i> sp.. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 356-362.	1.0	6
257	Two Distinct Cytotoxic Activities of Subtilase Cytotoxin Produced by Shiga-Toxigenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2007, 75, 488-496.	1.0	50



#	ARTICLE	IF	CITATIONS
258	Four New Crystal Structures of Tk-subtilisin in Unautoprocessed, Autoprocessed and Mature Forms: Insight into Structural Changes during Maturation. <i>Journal of Molecular Biology</i> , 2007, 372, 1055-1069.	2.0	54
259	Activation of prothrombin by ASP, a serine protease released from <i>Aeromonas sobria</i> . <i>FEBS Letters</i> , 2007, 581, 5935-5939.	1.3	20
260	Detergent alkaline proteases: enzymatic properties, genes, and crystal structures. <i>Journal of Bioscience and Bioengineering</i> , 2007, 103, 501-508.	1.1	138
261	Subtilisin. , 2007, , 197-206.		5
262	CHARACTERIZATION OF SUBTILASE PROTEASE IN CRYPTOSPORIDIUM PARVUM AND C. HOMINIS. <i>Journal of Parasitology</i> , 2007, 93, 619-626.	0.3	13
263	Carnein, a Serine Protease from Noxious Plant Weed <i>Pomoea carnea</i> (Morning Glory). <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 5809-5818.	2.4	34
264	Proteases in plant root symbiosis. <i>Phytochemistry</i> , 2007, 68, 111-121.	1.4	50
265	Characterizing structural features of cuticle-degrading proteases from fungi by molecular modeling. <i>BMC Structural Biology</i> , 2007, 7, 33.	2.3	34
266	Evolution of prokaryotic subtilases: Genome-wide analysis reveals novel subfamilies with different catalytic residues. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 67, 681-694.	1.5	49
267	Thiol-dependent serine proteinase from <i>Paecilomyces lilacinus</i> : Purification and catalytic properties. <i>Biochemistry (Moscow)</i> , 2007, 72, 117-123.	0.7	11
268	Isolation and characterization of a subtilisin-like proteinase of <i>Bacillus intermedius</i> secreted by the <i>Bacillus subtilis</i> recombinant strain AJ73 at different growth stages. <i>Biochemistry (Moscow)</i> , 2007, 72, 192-198.	0.7	8
269	Purification and characterization of a subtilisin-like proteinases secreted in the stationary growth phase of <i>Bacillus amyloliquefaciens</i> H2. <i>Biochemistry (Moscow)</i> , 2007, 72, 459-465.	0.7	4
270	Conditions of the biosynthesis of an extracellular subtilisin-like proteinase by <i>Bacillus pumilus</i> KMM 62. <i>Microbiology</i> , 2007, 76, 273-279.	0.5	0
271	Group $\beta$ S8A serine proteases, including a novel enzyme cadeprin, induce long-lasting, metabotropic glutamate receptor-dependent synaptic depression in rat hippocampal slices. <i>European Journal of Neuroscience</i> , 2007, 26, 1870-1880.	1.2	9
272	The Crystal Structure of PCSK9: A Regulator of Plasma LDL-Cholesterol. <i>Structure</i> , 2007, 15, 545-552.	1.6	201
273	Subtilisin-like proteases in nematodes. <i>Molecular and Biochemical Parasitology</i> , 2007, 155, 1-8.	0.5	9
274	Extremely high alkaline protease from a deep-subsurface bacterium, <i>Alkaliphilus transvaalensis</i> . <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 71-80.	1.7	23
275	Purification and cloning of a novel serine protease from the nematode-trapping fungus <i>Dactylellina</i> varietas and its potential roles in infection against nematodes. <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 557-565.	1.7	36

#	ARTICLE	IF	CITATIONS
276	Extracellular enzymes and the pathogenesis of nematophagous fungi. <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 21-31.	1.7	148
277	Alkaliphilic <i>Bacillus</i> sp. strain KSM-LD1 contains a record number of subtilisin-like serine proteases genes. <i>Applied Microbiology and Biotechnology</i> , 2007, 76, 395-405.	1.7	9
278	Nucleotide and deduced amino acid sequences of a subtilisin-like serine protease from a deep-sea bacterium, <i>Alkalimonas collagenimarina</i> AC40T. <i>Applied Microbiology and Biotechnology</i> , 2007, 77, 311-319.	1.7	13
279	A new organic solvent tolerant protease from <i>Bacillus pumilus</i> 115b. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2007, 34, 509-517.	1.4	62
280	Intragenomic diversity of the V1 regions of 16S rRNA genes in high-alkaline protease-producing <i>Bacillus clausii</i> spp. <i>Extremophiles</i> , 2007, 11, 597-603.	0.9	18
281	Overexpression and characterization of thermostable serine protease in <i>Escherichia coli</i> encoded by the ORF TTE0824 from <i>Thermoanaerobacter tengcongensis</i> . <i>Extremophiles</i> , 2007, 11, 769-779.	0.9	11
282	Identification of peptidases in <i>Nicotiana tabacum</i> leaf intercellular fluid. <i>Proteomics</i> , 2008, 8, 2285-2298.	1.3	59
283	Biochemical and molecular characterization of a novel calcium-dependent metalloprotease from <i>Bacillus cereus</i> SV1. <i>Process Biochemistry</i> , 2008, 43, 522-530.	1.8	25
284	Investigation of a role for Glu-331 and Glu-305 in substrate binding of tripeptidyl-peptidase II. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 1899-1907.	1.1	10
285	Impaired plasma clottability induction through fibrinogen degradation by ASP, a serine protease released from <i>Aeromonas sobria</i> . <i>FEMS Microbiology Letters</i> , 2008, 284, 35-42.	0.7	19
286	Start codon in the <i>Bacillus intermedius</i> gene for serine proteinase. <i>Molecular Biology</i> , 2008, 42, 105-109.	0.4	1
287	Paralysis of nematodes: shifts in the transcriptome of the nematode-trapping fungus <i>Monacrosporium haptotylum</i> during infection of <i>Caenorhabditis elegans</i> . <i>Environmental Microbiology</i> , 2008, 10, 364-375.	1.8	39
288	Clathrin-dependent trafficking of subtilase cytotoxin, a novel AB5toxin that targets the endoplasmic reticulum chaperone BiP. <i>Cellular Microbiology</i> , 2008, 10, 795-806.	1.1	60
289	Subtilase cytotoxin activates PERK, IRE1 and ATF6 endoplasmic reticulum stress-signalling pathways. <i>Cellular Microbiology</i> , 2008, 10, 1775-1786.	1.1	138
290	Genome-wide survey of prokaryotic serine proteases: Analysis of distribution and domain architectures of five serine protease families in prokaryotes. <i>BMC Genomics</i> , 2008, 9, 549.	1.2	60
291	Cold-adapted maturation of thermophilic WF146 protease by mimicking the propeptide binding interactions of psychrophilic subtilisin S41. <i>FEBS Letters</i> , 2008, 582, 2620-2626.	1.3	12
292	The expression of the serine proteinase gene of <i>Bacillus intermedius</i> in <i>Bacillus subtilis</i> . <i>Microbiological Research</i> , 2008, 163, 39-50.	2.5	19
293	Physiology and Metabolic Requirements of Pathogenic Fungi. , 2008, , 63-82.		2

#	ARTICLE	IF	CITATIONS
294	Characterization of Ca <sup>2+</sup> -activated cell-bound proteinase from <i>Virgibacillus</i> sp. SK37 isolated from fish sauce fermentation. <i>LWT - Food Science and Technology</i> , 2008, 41, 2166-2174.	2.5	14
295	Structural and Mutational Analyses of the Interaction between the Barley $\alpha$ -Amylase/Subtilisin Inhibitor and the Subtilisin Savinase Reveal a Novel Mode of Inhibition. <i>Journal of Molecular Biology</i> , 2008, 380, 681-690.	2.0	45
296	Efficient bacterial expression of fusion proteins and their selective processing by a recombinant Kex-1 protease. <i>Protein Expression and Purification</i> , 2008, 59, 334-341.	0.6	12
297	Biochemical and molecular characterization of a detergent-stable serine alkaline protease from <i>Bacillus pumilus</i> CBS with high catalytic efficiency. <i>Biochimie</i> , 2008, 90, 1291-1305.	1.3	166
298	Regulated Secretion of a Protease Activates Intercellular Signaling during Fruiting Body Formation in <i>M. xanthus</i> . <i>Developmental Cell</i> , 2008, 15, 627-634.	3.1	51
299	Cloning of complete genes for novel hydrolytic enzymes from Antarctic sea water bacteria by use of an improved genome walking technique. <i>Journal of Biotechnology</i> , 2008, 133, 277-286.	1.9	40
300	Expression of the <i>Streptococcus agalactiae</i> virulence-associated protease CspA in a soluble, active form utilizing the Gram-positive host, <i>Lactococcus lactis</i> . <i>Journal of Biotechnology</i> , 2008, 136, 129-134.	1.9	4
301	Application of enzymes for textile fibres processing. <i>Biocatalysis and Biotransformation</i> , 2008, 26, 332-349.	1.1	220
302	Construction of an Expression System for Aqualysin I in <i>Escherichia coli</i> That Gives a Markedly Improved Yield of the Enzyme Protein. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 2012-2018.	0.6	6
303	Prosegment of Tripeptidyl Peptidase I Is a Potent, Slow-binding Inhibitor of Its Cognate Enzyme. <i>Journal of Biological Chemistry</i> , 2008, 283, 16497-16504.	1.6	19
304	Role of Disulphide Bonds in a Thermophilic Serine Protease Aqualysin I from <i>Thermus aquaticus</i> YT-1. <i>Journal of Biochemistry</i> , 2008, 143, 625-632.	0.9	8
305	A Screen for Spore Wall Permeability Mutants Identifies a Secreted Protease Required for Proper Spore Wall Assembly. <i>PLoS ONE</i> , 2009, 4, e7184.	1.1	36
306	Complete Genome Sequence of the Anaerobic, Protein-Degrading Hyperthermophilic Crenarchaeon <i>Desulfurococcus kamchatkensis</i> . <i>Journal of Bacteriology</i> , 2009, 191, 2371-2379.	1.0	36
307	The protease CspB is essential for initiation of cortex hydrolysis and dipicolinic acid (DPA) release during germination of spores of <i>Clostridium perfringens</i> type A food poisoning isolates. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3464-3472.	0.7	64
308	The Protease-associated Domain and C-terminal Extension Are Required for Zymogen Processing, Sorting within the Secretory Pathway, and Activity of Tomato Subtilase 3 (SISBT3). <i>Journal of Biological Chemistry</i> , 2009, 284, 14068-14078.	1.6	65
309	Structural Basis for the Kexin-like Serine Protease from <i>Aeromonas sobria</i> as Sepsis-causing Factor. <i>Journal of Biological Chemistry</i> , 2009, 284, 27655-27663.	1.6	24
310	Autocatalytic Activation of the Furin Zymogen Requires Removal of the Emerging Enzyme's N-Terminus from the Active Site. <i>PLoS ONE</i> , 2009, 4, e5031.	1.1	25
311	The <i>Chlamydomonas</i> Hatching Enzyme, Sporangin, is Expressed in Specific Phases of the Cell Cycle and is Localized to the Flagella of Daughter Cells Within the Sporangial Cell Wall. <i>Plant and Cell Physiology</i> , 2009, 50, 572-583.	1.5	52

#	ARTICLE	IF	CITATIONS
312	prtH2 , Not prtH , Is the Ubiquitous Cell Wall Proteinase Gene in Lactobacillus helveticus. Applied and Environmental Microbiology, 2009, 75, 3238-3249.	1.4	53
313	Identification and characterization of a novel spore-associated subtilase from Thermoactinomyces sp. CDF. Microbiology (United Kingdom), 2009, 155, 3661-3672.	0.7	27
314	Role of CpSUB1, a Subtilisin-Like Protease, in <i>Cryptosporidium parvum</i> Infection In Vitro. Eukaryotic Cell, 2009, 8, 470-477.	3.4	35
315	Proprotein convertase subtilisin/kexin type 4 in mammalian fertility: a review. Human Reproduction Update, 2009, 15, 237-247.	5.2	36
316	Evolution of a subtilisin-like protease gene family in the grass endophytic fungus <i>Epichloa festucae</i> . BMC Evolutionary Biology, 2009, 9, 168.	3.2	34
317	Analysis of regulatory protease sequences identified through bioinformatic data mining of the <i>Schistosoma mansoni</i> genome. BMC Genomics, 2009, 10, 488.	1.2	21
318	On the role of protein structural dynamics in the catalytic activity and thermostability of serine protease subtilisin Carlsberg. Biotechnology and Bioengineering, 2009, 103, 77-84.	1.7	16
319	A novel approach for enhancing the catalytic efficiency of a protease at low temperature: Reduction in substrate inhibition by chemical modification. Biotechnology and Bioengineering, 2009, 103, 676-686.	1.7	43
320	Improvement of low-temperature caseinolytic activity of a thermophilic subtilase by directed evolution and site-directed mutagenesis. Biotechnology and Bioengineering, 2009, 104, 862-870.	1.7	43
321	Overexpression of an Arabidopsis gene encoding a subtilase (AtSBT5.4) produces a clavata-like phenotype. Planta, 2009, 230, 687-697.	1.6	20
322	Molecular analysis of the gene encoding a cold-adapted halophilic subtilase from deep-sea psychrotolerant bacterium <i>Pseudoalteromonas</i> sp. SM9913: cloning, expression, characterization and function analysis of the C-terminal PPC domains. Extremophiles, 2009, 13, 725-733.	0.9	60
323	Anatomical and biochemical changes in the composition of developing seed coats of annatto ( <i>Bixa</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	7
324	Purification of a subtilisin-like serine proteinase from recombinant <i>Bacillus subtilis</i> during different phases of growth. Annals of Microbiology, 2009, 59, 301-307.	1.1	4
325	A kinetically stable plant subtilase with unique peptide mass fingerprints and dimerization properties. Biophysical Chemistry, 2009, 139, 13-23.	1.5	10
326	Crystallization and preliminary X-ray analysis of carnein, a serine protease from <i>Ipomoea carnea</i> . Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 383-385.	0.7	1
327	Purification, crystallization and preliminary X-ray diffraction analysis of a plant subtilase. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 522-525.	0.7	4
328	Apoplastic plant subtilases support arbuscular mycorrhiza development in <i>Lotus japonicus</i> . Plant Journal, 2009, 58, 766-777.	2.8	127
329	Regulation and processing of a plant peptide hormone, AtRALF23, in Arabidopsis. Plant Journal, 2009, 59, 930-939.	2.8	174

#	ARTICLE	IF	CITATIONS
330	The carboxy-terminal tail of <i>Aeromonas sobria</i> serine protease is associated with the chaperone. <i>Microbiology and Immunology</i> , 2009, 53, 647-657.	0.7	5
331	A multifunctional serine protease primes the malaria parasite for red blood cell invasion. <i>EMBO Journal</i> , 2009, 28, 725-735.	3.5	133
332	A new serine protease gene from <i>Trichoderma harzianum</i> is expressed in <i>Saccharomyces cerevisiae</i> . <i>Applied Biochemistry and Microbiology</i> , 2009, 45, 22-26.	0.3	12
333	Biochemical properties of <i>Bacillus intermedius</i> subtilisin-like proteinase secreted by a <i>Bacillus subtilis</i> recombinant strain in its stationary phase of growth. <i>Biochemistry (Moscow)</i> , 2009, 74, 308-315.	0.7	9
334	Effect of the regulation system of metabolic nitrogen exchange on biosynthesis of serine proteinases from <i>Bacillus intermedius</i> . <i>Microbiology</i> , 2009, 78, 689-695.	0.5	1
335	The role of Tyr71 in <i>Streptomyces</i> trypsin on the recognition mechanism of structural protein substrates. <i>FEBS Journal</i> , 2009, 276, 5634-5646.	2.2	5
336	A versatile and selective chemo-enzymatic synthesis of $\beta^2$ -protected aspartic and $\beta^3$ -protected glutamic acid derivatives. <i>Tetrahedron Letters</i> , 2009, 50, 2719-2721.	0.7	15
337	BSF1 fibrinolytic enzyme from a marine bacterium <i>Bacillus subtilis</i> A26: Purification, biochemical and molecular characterization. <i>Process Biochemistry</i> , 2009, 44, 1252-1259.	1.8	71
338	Applicability of multigene family-specific antibodies toward studies of the subtilases in <i>Arabidopsis thaliana</i> . <i>Analytical Biochemistry</i> , 2009, 384, 114-122.	1.1	2
339	Stabilization of human urine doping control samples. <i>Analytical Biochemistry</i> , 2009, 388, 179-191.	1.1	19
340	Glu88 in the non-catalytic domain of acylpeptide hydrolase plays dual roles: Charge neutralization for enzymatic activity and formation of salt bridge for thermodynamic stability. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 94-102.	1.1	21
341	Kinetic analysis of salting activation of a subtilisin-like halophilic protease. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 367-373.	1.1	16
342	Application of Fluorescence Techniques to Characterise the Preparation of Protein-Containing Sol-Gel Derived Hosts for use as Catalytic Media. <i>Progress in Reaction Kinetics and Mechanism</i> , 2009, 34, 289-327.	1.1	5
343	Enzymatic Synthesis of <i>C</i> -Terminal Arylamides of Amino Acids and Peptides. <i>Journal of Organic Chemistry</i> , 2009, 74, 5145-5150.	1.7	35
344	Requirement of a Unique $\text{Ca}^{2+}$ -Binding Loop for Folding of Tk-Subtilisin from a Hyperthermophilic Archaeon. <i>Biochemistry</i> , 2009, 48, 10637-10643.	1.2	30
345	Model for Substrate Interactions in C5a Peptidase from <i>Streptococcus pyogenes</i> : A 1.9 Å... Crystal Structure of the Active Form of ScpA. <i>Journal of Molecular Biology</i> , 2009, 386, 754-772.	2.0	43
346	Identification of the Interactions Critical for Propeptide-Catalyzed Folding of Tk-Subtilisin. <i>Journal of Molecular Biology</i> , 2009, 394, 306-319.	2.0	24
347	The vacuolar serine protease, a cross-reactive allergen from <i>Cladosporium herbarum</i> . <i>Molecular Immunology</i> , 2009, 46, 1360-1373.	1.0	35

#	ARTICLE	IF	CITATIONS
348	Development, evaluation and application of tripeptidyl-peptidase II sequence signatures. Archives of Biochemistry and Biophysics, 2009, 484, 39-45.	1.4	8
349	Identification and characterization of a surface-associated, subtilisin-like serine protease in <i>Trichomonas vaginalis</i> . Parasitology, 2010, 137, 1621-1635.	0.7	14
350	Salt Effect on Substrate Specificity of a Subtilisin-Like Halophilic Protease. Protein and Peptide Letters, 2010, 17, 796-802.	0.4	5
351	Molecular Cloning and Immunochemical Characterization of a New Japanese Cedar Pollen Allergen Homologous to Plant Subtilisin-Like Serine Protease. World Allergy Organization Journal, 2010, 3, 262-265.	1.6	10
352	Industrial applications of alkaliphiles and their enzymes – past, present and future. Environmental Technology (United Kingdom), 2010, 31, 845-856.	1.2	122
353	Improvement of extracellular production of a thermophilic subtilase expressed in <i>Escherichia coli</i> by random mutagenesis of its N-terminal propeptide. Applied Microbiology and Biotechnology, 2010, 85, 1473-1481.	1.7	24
354	Collagenolytic subtilisin-like protease from the deep-sea bacterium <i>Alkalimonas collagenimarina</i> AC40T. Applied Microbiology and Biotechnology, 2010, 86, 589-598.	1.7	15
355	Enhancement of keratinolytic activity of a thermophilic subtilase by improving its autolysis resistance and thermostability under reducing conditions. Applied Microbiology and Biotechnology, 2010, 87, 999-1006.	1.7	37
356	Characterization of detergent stable and feather degrading serine proteases from <i>Bacillus mojavensis</i> A21. Biochemical Engineering Journal, 2010, 51, 53-63.	1.8	40
357	Insights derived from molecular dynamics simulation into the molecular motions of serine protease proteinase K. Journal of Molecular Modeling, 2010, 16, 17-28.	0.8	29
358	Characteristics of intracellular proteinases from <i>Bacillus subtilis</i> SKB 256. Chemistry of Natural Compounds, 2010, 46, 831-832.	0.2	0
359	Molecular cloning and homology modelling of a subtilisin-like serine protease from the marine fungus, <i>Engyodontium album</i> BTMFS10. World Journal of Microbiology and Biotechnology, 2010, 26, 1269-1279.	1.7	12
360	Crystal Structure of an Intracellular Subtilisin Reveals Novel Structural Features Unique to this Subtilisin Family. Structure, 2010, 18, 744-755.	1.6	20
361	N-terminal deletion of Tk1689, a subtilisin-like serine protease from <i>Thermococcus kodakaraensis</i> , copes with its cytotoxicity in <i>Escherichia coli</i> . Journal of Bioscience and Bioengineering, 2010, 110, 381-385.	1.1	14
362	C-terminal truncation of a metagenome-derived detergent protease for effective expression in <i>E. coli</i> . Journal of Biotechnology, 2010, 150, 408-416.	1.9	24
363	The presence of prtP proteinase gene in natural isolate <i>Lactobacillus plantarum</i> BGSJ3-18. Letters in Applied Microbiology, 2010, 50, 43-49.	1.0	20
364	Regulated maturation of malaria merozoite surface protein-1 is essential for parasite growth. Molecular Microbiology, 2010, 78, 187-202.	1.2	40
365	Diversity of extracellular proteases among <i>Aeromonas</i> determined by zymogram analysis. Journal of Applied Microbiology, 2010, 109, 212-219.	1.4	13



#	ARTICLE	IF	CITATIONS
366	Sodium chloride causes variation in organic acids and proteins in tomato root. African Journal of Biotechnology, 2010, 9, 8161-8167.	0.3	10
367	Escherichia coli Subtilase Cytotoxin. Toxins, 2010, 2, 215-228.	1.5	47
368	Design and engineering of novel enzymes for textile applications. , 2010, , 3-31.		2
369	Subtilisin-like serine protease from hyperthermophilic archaeon Thermococcus kodakaraensis with N- and C-terminal propeptides. Protein Engineering, Design and Selection, 2010, 23, 347-355.	1.0	40
370	Functional Analysis of the Cucumisin Propeptide as a Potent Inhibitor of Its Mature Enzyme. Journal of Biological Chemistry, 2010, 285, 29797-29807.	1.6	21
371	The Subtilisin-Like Protease AprV2 Is Required for Virulence and Uses a Novel Disulphide-Tethered Exosite to Bind Substrates. PLoS Pathogens, 2010, 6, e1001210.	2.1	81
372	Insight Derived from Molecular Dynamics Simulation into Substrate-Induced Changes in Protein Motions of Proteinase K. Journal of Biomolecular Structure and Dynamics, 2010, 28, 143-157.	2.0	134
373	Purification and Characterization of a Salt-Activated and Organic Solvent-Stable Heterotrimer Proteinase from <i>Virgibacillus</i> sp. SK33 Isolated from Thai Fish Sauce. Journal of Agricultural and Food Chemistry, 2010, 58, 248-256.	2.4	25
374	Fruit-specific expression of papaya subtilase gene. Journal of Plant Physiology, 2010, 167, 131-137.	1.6	15
375	Crystal Structure of a Subtilisin Homologue, Tk-SP, from Thermococcus kodakaraensis: Requirement of a C-terminal $\beta$ -Jelly Roll Domain for Hyperstability. Journal of Molecular Biology, 2010, 400, 865-877.	2.0	35
376	Trypsin-like proteins of the fungi as possible markers of pathogenicity. Fungal Biology, 2010, 114, 151-159.	1.1	38
377	Enhancement of the thermostability and the catalytic efficiency of Bacillus pumilus CBS protease by site-directed mutagenesis. Biochimie, 2010, 92, 360-369.	1.3	69
378	Proteomic Analysis of the Plant-Virus Interaction in Cucumber Mosaic Virus (CMV) Resistant Transgenic Tomato. Journal of Proteome Research, 2010, 9, 5684-5697.	1.8	53
379	The crystal structures of two cuticle-degrading proteases from nematophagous fungi and their contribution to infection against nematodes. FASEB Journal, 2010, 24, 1391-1400.	0.2	49
380	Characterization of a keratinolytic protease produced by the feather-degrading Amazonian bacterium <i>Bacillus</i> sp. P45. Biocatalysis and Biotransformation, 2010, 28, 370-379.	1.1	22
381	Protein-surfactant interactions: A tale of many states. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 562-591.	1.1	482
383	The Metabolic Serine Hydrolases and Their Functions in Mammalian Physiology and Disease. Chemical Reviews, 2011, 111, 6022-6063.	23.0	321
384	Soft Interactions at Nanoparticles Alter Protein Function and Conformation in a Size Dependent Manner. Nano Letters, 2011, 11, 4985-4991.	4.5	157



#	ARTICLE	IF	CITATIONS
385	Production and partial characterization of <i>Duddingtonia flagrans</i> (AC001) crude extract and its in vitro larvicidal action against trichostrongylid infective larvae. <i>Biocontrol Science and Technology</i> , 2011, 21, 1313-1320.	0.5	11
386	Identification and evaluation as a DNA vaccine candidate of a virulence-associated serine protease from a pathogenic <i>Vibrio parahaemolyticus</i> isolate. <i>Fish and Shellfish Immunology</i> , 2011, 30, 1241-1248.	1.6	12
387	Molecular and structural characterization of a surfactant-stable high-alkaline protease AprB with a novel structural feature unique to subtilisin family. <i>Biochimie</i> , 2011, 93, 783-791.	1.3	26
388	Linker and/or transmembrane regions of influenza A/Group-1, A/Group-2, and type B virus hemagglutinins are packed differently within trimers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 1843-1854.	1.4	38
389	Alkaline Enzymes in Current Detergency. , 2011, , 229-251.		3
390	Dynamic properties of extremophilic subtilisin-like serine-proteases. <i>Journal of Structural Biology</i> , 2011, 174, 69-83.	1.3	52
391	Influenza virus hemagglutinin spike neck architectures and interaction with model enzymes evaluated by MALDI-TOF mass spectrometry and bioinformatics tools. <i>Virus Research</i> , 2011, 160, 294-304.	1.1	16
392	pAMT11, a novel plasmid isolated from a <i>Thermococcus</i> sp. strain closely related to the virus-like integrated element TKV1 of the <i>Thermococcus kodakaraensis</i> genome. <i>Research in Microbiology</i> , 2011, 162, 132-143.	1.0	17
393	Structural and Dynamic Basis of Serine Proteases from Nematophagous Fungi for Cuticle Degradation. , 2011, , .		0
395	Activation of a <i>Lotus japonicus</i> Subtilase Gene During Arbuscular Mycorrhiza Is Dependent on the Common Symbiosis Genes and Two <i>cis</i> -Active Promoter Regions. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 662-670.	1.4	26
396	Identification of novel halotolerant bacillopeptidase F-like proteinases from a moderately halophilic bacterium, <i>Virgibacillus</i> sp. SK37. <i>Journal of Applied Microbiology</i> , 2011, 110, 191-201.	1.4	26
397	Deficiency of prohormone convertase dPC2 (AMONTILLADO) results in impaired production of bioactive neuropeptide hormones in <i>Drosophila</i> . <i>Journal of Neurochemistry</i> , 2011, 118, 581-595.	2.1	32
398	Pertussis: a matter of immune modulation. <i>FEMS Microbiology Reviews</i> , 2011, 35, 441-474.	3.9	91
399	Purification of extracellular proteinases from <i>B. subtilis</i> SKB 256 by biospecific chromatography. <i>Applied Biochemistry and Microbiology</i> , 2011, 47, 245-249.	0.3	0
400	Enzymes for the laundry industries: tapping the vast metagenomic pool of alkaline proteases. <i>Microbial Biotechnology</i> , 2011, 4, 767-776.	2.0	33
401	An atypical proprotein convertase in <i>Giardia lamblia</i> differentiation. <i>Molecular and Biochemical Parasitology</i> , 2011, 175, 169-180.	0.5	17
402	Heterologous expression, refolding and characterization of a salt activated subtilase from <i>Pleurotus ostreatus</i> . <i>Process Biochemistry</i> , 2011, 46, 1840-1846.	1.8	5
403	The pathogenesis of ovine footrot. <i>Veterinary Microbiology</i> , 2011, 153, 59-66.	0.8	42

#	ARTICLE	IF	CITATIONS
404	Horizontal gene transfer in <i>Histophilus somni</i> and its role in the evolution of pathogenic strain 2336, as determined by comparative genomic analyses. <i>BMC Genomics</i> , 2011, 12, 570.	1.2	34
405	Original features of cell-envelope proteinases of <i>Lactobacillus helveticus</i> . A review. <i>International Journal of Food Microbiology</i> , 2011, 146, 1-13.	2.1	89
406	Insights from Bacterial Subtilases into the Mechanisms of Intramolecular Chaperone-Mediated Activation of Furin. <i>Methods in Molecular Biology</i> , 2011, 768, 59-106.	0.4	57
407	Constitutive and Inflammation-Dependent Antimicrobial Peptides Produced by Epithelium Are Differentially Processed and Inactivated by the Commensal <i>Fingoldia magna</i> and the Pathogen <i>Streptococcus pyogenes</i> . <i>Journal of Immunology</i> , 2011, 187, 4300-4309.	0.4	59
408	Expression and characterization of a novel mesophilic protease from metagenomic library derived from Antarctic coastal sediment. <i>Extremophiles</i> , 2011, 15, 23-29.	0.9	22
409	The effect of calciums on molecular motions of proteinase K. <i>Journal of Molecular Modeling</i> , 2011, 17, 289-300.	0.8	20
410	Subtilase Genes Diversity in the Biogas Digester Microbiota. <i>Current Microbiology</i> , 2011, 62, 1542-1547.	1.0	1
411	Isolation and characterization of two serine proteases from metagenomic libraries of the Gobi and Death Valley deserts. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 635-644.	1.7	61
412	Optimization of production of an oxidant and detergent-stable alkaline $\beta$ -keratinase from <i>Brevibacillus</i> sp. strain AS-S10-II: Application of enzyme in laundry detergent formulations and in leather industry. <i>Biochemical Engineering Journal</i> , 2011, 54, 47-56.	1.8	68
413	A novel subtilase with NaCl-activated and oxidant-stable activity from <i>Virgibacillus</i> sp. SK37. <i>BMC Biotechnology</i> , 2011, 11, 65.	1.7	18
414	Integrated prediction of the effect of mutations on multiple protein characteristics. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 165-178.	1.5	19
415	Characterization of protein hydrolysates of cosmetic use by CE-MS. <i>Journal of Separation Science</i> , 2011, 34, 947-956.	1.3	7
416	S1 Pocket of a Bacterially Derived Subtilisin-like Protease Underpins Effective Tissue Destruction. <i>Journal of Biological Chemistry</i> , 2011, 286, 42180-42187.	1.6	17
417	Molecular Mechanisms of the Interaction Between Nematode-Trapping Fungi and Nematodes: Lessons From Genomics. , 2011, , 145-169.		10
418	Composition and Localization of <i>Treponema denticola</i> Outer Membrane Complexes. <i>Infection and Immunity</i> , 2011, 79, 4868-4875.	1.0	21
419	The Proprotein Convertase PC7. <i>Journal of Biological Chemistry</i> , 2011, 286, 2728-2738.	1.6	47
420	Effect of soil disturbance and biocides on nematode communities and extracellular enzyme activity in soybean cyst nematode suppressive soil. <i>Nematology</i> , 2011, 13, 687-699.	0.2	15
421	Regulation of an intracellular subtilisin protease activity by a short propeptide sequence through an original combined dual mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3536-3541.	3.3	18

#	ARTICLE	IF	CITATIONS
422	Functional Analysis of the Type 3 Effector Nodulation Outer Protein L (NopL) from <i>Rhizobium</i> sp. NGR234. <i>Journal of Biological Chemistry</i> , 2011, 286, 32178-32187.	1.6	75
423	Immunogenicity of <i>Mannheimia haemolytica</i> Recombinant Outer Membrane Proteins Serotype 1-Specific Antigen, OmpA, OmpP2, and OmpD15. <i>Vaccine Journal</i> , 2011, 18, 2067-2074.	3.2	25
424	Temperature effects on structure and dynamics of the psychrophilic protease subtilisin S41 and its thermostable mutants in solution. <i>Protein Engineering, Design and Selection</i> , 2011, 24, 533-544.	1.0	25
425	Crystal Structure of the Mobile Metallo- $\beta$ -Lactamase AIM-1 from <i>Pseudomonas aeruginosa</i> : Insights into Antibiotic Binding and the Role of Gln157. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4341-4353.	1.4	57
426	HydroPaCe: understanding and predicting cross-inhibition in serine proteases through hydrophobic patch centroids. <i>Bioinformatics</i> , 2012, 28, 342-349.	1.8	15
427	Autocatalytic Maturation of the Tat-Dependent Halophilic Subtilase Nep Produced by the Archaeon <i>Natrialba magadii</i> . <i>Journal of Bacteriology</i> , 2012, 194, 3700-3707.	1.0	18
428	Loss- and Gain-of-function PCSK9 Variants. <i>Journal of Biological Chemistry</i> , 2012, 287, 33745-33755.	1.6	71
429	Disruption of Proprotein Convertase 1/3 (PC1/3) Expression in Mice Causes Innate Immune Defects and Uncontrolled Cytokine Secretion. <i>Journal of Biological Chemistry</i> , 2012, 287, 14703-14717.	1.6	32
430	Three-Dimensional Molecular Modeling of a Diverse Range of SC Clan Serine Proteases. <i>Molecular Biology International</i> , 2012, 2012, 1-9.	1.7	6
431	The AprV5 Subtilase Is Required for the Optimal Processing of All Three Extracellular Serine Proteases from <i>Dichelobacter nodosus</i> . <i>PLoS ONE</i> , 2012, 7, e47932.	1.1	12
432	Smolign: A Spatial Motifs-Based Protein Multiple Structural Alignment Method. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012, 9, 249-261.	1.9	41
433	Structures of Cyanobactin Maturation Enzymes Define a Family of Transamidating Proteases. <i>Chemistry and Biology</i> , 2012, 19, 1411-1422.	6.2	62
434	The tail nick augments <i>Aeromonas sobria</i> serine protease (ASP) activity in plasma through retarding inhibition by $2 \times$ $\alpha$ - $\mu$ macroglobulin. <i>FEBS Letters</i> , 2012, 586, 3613-3617.	1.3	1
435	The role of substrate specificity and metal binding in defining the activity and structure of an intracellular subtilisin. <i>FEBS Open Bio</i> , 2012, 2, 209-215.	1.0	12
436	Biodegradation of a Keratin Waste and the Concomitant Production of Detergent Stable Serine Proteases from <i>Paecilomyces lilacinus</i> . <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 945-958.	1.4	27
437	Requirement of Ca <sup>2+</sup> ions for the Hyperthermostability of Tk-Subtilisin from <i>Thermococcus kodakarensis</i> . <i>Biochemistry</i> , 2012, 51, 5369-5378.	1.2	19
438	An extracellular serine protease of an isolate of <i>Duddingtonia flagrans</i> nematophagous fungus. <i>Biocontrol Science and Technology</i> , 2012, 22, 1131-1142.	0.5	15
439	Insights into the Maturation of Hyperthermophilic Pyrolysin and the Roles of Its N-Terminal Propeptide and Long C-Terminal Extension. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4233-4241.	1.4	12

#	ARTICLE	IF	CITATIONS
440	Structure and function of tripeptidyl peptidase II, a giant cytosolic protease. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 237-245.	1.1	22
441	Gly or Ala substitutions for Pro210Thr211Asn212 at the 128 <sup>th</sup> turn of subtilisin Carlsberg increase the catalytic rate and decrease thermostability. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 620-626.	1.1	4
442	Correlation between catalysis and tertiary structure arrangement in an archaeal halophilic subtilase. <i>Biochimie</i> , 2012, 94, 798-805.	1.3	11
443	A comparative genomics perspective on the genetic content of the alkaliphilic haloarchaeon <i>Natrialba magadii</i> ATCC 43099T. <i>BMC Genomics</i> , 2012, 13, 165.	1.2	36
444	Modeling and structural analysis of PA clan serine proteases. <i>BMC Research Notes</i> , 2012, 5, 256.	0.6	20
445	An extremely thermotolerant, alkaliphilic subtilisin-like protease from hyperthermophilic <i>Bacillus</i> sp. MLA64. <i>International Journal of Biological Macromolecules</i> , 2012, 51, 960-967.	3.6	21
446	Propeptides Are Sufficient to Regulate Organelle-Specific pH-Dependent Activation of Furin and Proprotein Convertase 1/3. <i>Journal of Molecular Biology</i> , 2012, 423, 47-62.	2.0	25
447	Peptide Biosynthesis: Prohormone Convertases 1/3 and 2. <i>Colloquium Series on Neuropeptides</i> , 2012, 1, 1-112.	1.0	15
448	Characterization, cloning, and heterologous expression of a subtilisin-like serine protease gene <i>VIPr1</i> from <i>Verticillium lecanii</i> . <i>Journal of Microbiology</i> , 2012, 50, 939-946.	1.3	12
449	Requirement of insertion sequence IS1 for thermal adaptation of Pro-Tk-subtilisin from hyperthermophilic archaeon. <i>Extremophiles</i> , 2012, 16, 841-851.	0.9	7
451	Bioprocessing of Hair Waste by <i>Paecilomyces lilacinus</i> as a Source of a Bleach-Stable, Alkaline, and Thermostable Keratinase with Potential Application as a Laundry Detergent Additive: Characterization and Wash Performance Analysis. <i>Biotechnology Research International</i> , 2012, 2012, 1-12.	1.4	23
452	Boron Containing Compounds as Protease Inhibitors. <i>Chemical Reviews</i> , 2012, 112, 4156-4220.	23.0	352
453	The biology and therapeutic targeting of the proprotein convertases. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 367-383.	21.5	647
454	Nature Versus Nurture: Developing Enzymes That Function Under Extreme Conditions. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2012, 3, 77-102.	3.3	172
455	Fungi as Biological Control Agents of Plant-Parasitic Nematodes. , 2012, , 67-107.		51
456	In vitro activity of a serine protease from <i>Monacrosporium thaumasium</i> fungus against first-stage larvae of <i>Angiostrongylus vasorum</i> . <i>Parasitology Research</i> , 2012, 110, 2423-2427.	0.6	30
457	Subtilases – versatile tools for protein turnover, plant development, and interactions with the environment. <i>Physiologia Plantarum</i> , 2012, 145, 52-66.	2.6	94
458	Plasmodium subtilisin-like protease 1 (SUB1): Insights into the active-site structure, specificity and function of a pan-malaria drug target. <i>International Journal for Parasitology</i> , 2012, 42, 597-612.	1.3	45

#	ARTICLE	IF	CITATIONS
460	Immunohistochemical Analysis of the Proteolytic Enzyme Subtilase in the Digestive Organs of the Sea Urchin <i>Strongylocentrotus intermedius</i> . <i>Anatomical Record</i> , 2012, 295, 73-77.	0.8	3
461	Detailed analysis of metagenome datasets obtained from biogas-producing microbial communities residing in biogas reactors does not indicate the presence of putative pathogenic microorganisms. <i>Biotechnology for Biofuels</i> , 2013, 6, 49.	6.2	31
462	Evaluation of Strategies to Improve the Production of Alkaline Protease PrtA from <i>Aspergillus nidulans</i> . <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 1672-1682.	1.4	4
463	Enhanced thermostability of keratinase by computational design and empirical mutation. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 697-704.	1.4	50
464	Nematicidal enzymes from microorganisms and their applications. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 7081-7095.	1.7	90
465	Surface charge engineering of a <i>Bacillus gibsonii</i> subtilisin protease. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 6793-6802.	1.7	39
466	Gram-positive anaerobic cocci "commensals and opportunistic pathogens. <i>FEMS Microbiology Reviews</i> , 2013, 37, 520-553.	3.9	264
467	Structure of the Mycosin-1 Protease from the Mycobacterial ESX-1 Protein Type VII Secretion System. <i>Journal of Biological Chemistry</i> , 2013, 288, 17782-17790.	1.6	48
468	Understanding specificity of the mycosin proteases in ESX/type VII secretion by structural and functional analysis. <i>Journal of Structural Biology</i> , 2013, 184, 115-128.	1.3	33
469	Genome-wide copy number variations in <i>Oryza sativa</i> L.. <i>BMC Genomics</i> , 2013, 14, 649.	1.2	26
470	Characterization of a new oxidant-stable serine protease isolated by functional metagenomics. <i>SpringerPlus</i> , 2013, 2, 410.	1.2	53
471	Enzyme responsive materials: design strategies and future developments. <i>Biomaterials Science</i> , 2013, 1, 11-39.	2.6	257
472	The putative propeptide of MycP1 in mycobacterial type VII secretion system does not inhibit protease activity but improves protein stability. <i>Protein and Cell</i> , 2013, 4, 921-931.	4.8	9
473	Dynamic changes in pod and fungal physiology associated with the shift from biotrophy to necrotrophy during the infection of <i>Theobroma cacao</i> by <i>Moniliophthora roreri</i> . <i>Physiological and Molecular Plant Pathology</i> , 2013, 81, 84-96.	1.3	33
474	Cloning, expression and decoding of the cold adaptation of a new widely represented thermolabile subtilisin-like protease. <i>Journal of Applied Microbiology</i> , 2013, 114, 352-363.	1.4	11
475	Increasing activity and thermal resistance of <i>Bacillus gibsonii</i> alkaline protease (BgAP) by directed evolution. <i>Biotechnology and Bioengineering</i> , 2013, 110, 711-720.	1.7	72
476	Characterization of a subtilisin-like protease with apical localization from microsporidian <i>Nosema bombycis</i> . <i>Journal of Invertebrate Pathology</i> , 2013, 112, 166-174.	1.5	22
477	Microbial and enzymatic inactivation of prions in soil environments. <i>Soil Biology and Biochemistry</i> , 2013, 59, 1-15.	4.2	7

#	ARTICLE	IF	CITATIONS
478	Structure and Intrinsic Disorder in Protein Autoinhibition. <i>Structure</i> , 2013, 21, 332-341.	1.6	83
479	Proprotein Convertases: Discovery, Characteristics, and Link to Tumor Progression and Metastasis. <i>Colloquium Series on Protein Activation and Cancer</i> , 2013, 2, 1-86.	0.0	0
480	Diversity and Biotechnological Applications of Prokaryotic Enzymes. , 2013, , 213-240.		6
481	Accelerated maturation of T $\kappa$ subtilisin by a L eu $\hat{u}$ ' P romutation at the C $\hat{a}$ terminus of the propeptide, which reduces the binding of the propeptide to T $\kappa$ subtilisin. <i>FEBS Journal</i> , 2013, 280, 994-1006.	2.2	15
482	A novel subtilisin-like serine protease of <i>Batrachochytrium dendrobatidis</i> is induced by thyroid hormone and degrades antimicrobial peptides. <i>Fungal Biology</i> , 2013, 117, 451-461.	1.1	21
483	A single mutation within a Ca <sup>2+</sup> binding loop increases proteolytic activity, thermal stability, and surfactant stability. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 634-641.	1.1	8
484	Molecular Determinants of Binding to the <i>Plasmodium</i> Subtilisin-like Protease 1. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 573-583.	2.5	24
485	Effect of posttranslational modifications on enzyme function and assembly. <i>Journal of Proteomics</i> , 2013, 92, 80-109.	1.2	93
486	Formation of the High-Affinity Calcium Binding Site in Pro-subtilisin E with the Insertion Sequence IS1 of Pro-T $\kappa$ -subtilisin. <i>Biochemistry</i> , 2013, 52, 9080-9088.	1.2	14
487	A DNA extraction and purification method using an ion-exchange resin type kit for the detection of genetically modified papaya in processed papaya products. <i>Food Control</i> , 2013, 32, 728-735.	2.8	5
488	In Silico Screening on the Three-dimensional Model of the <i>Plasmodium vivax</i> SUB1 Protease Leads to the Validation of a Novel Anti-parasite Compound. <i>Journal of Biological Chemistry</i> , 2013, 288, 18561-18573.	1.6	21
489	Molecular Basis for Auto- and Hetero-catalytic Maturation of a Thermostable Subtilase from Thermophilic <i>Bacillus</i> sp. WF146. <i>Journal of Biological Chemistry</i> , 2013, 288, 34826-34838.	1.6	15
490	Molecular Cloning and Sequence Analysis of an Extracellular Protease from Four <i>Bacillus subtilis</i> Strains. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 870-873.	0.6	6
491	Proprotein Convertase Furin Regulates Apoptosis and Proliferation of Granulosa Cells in the Rat Ovary. <i>PLoS ONE</i> , 2013, 8, e50479.	1.1	18
492	Characterization of BcaA, a Putative Classical Autotransporter Protein in <i>Burkholderia pseudomallei</i> . <i>Infection and Immunity</i> , 2013, 81, 1121-1128.	1.0	16
493	Structural and Functional Analysis of the CspB Protease Required for <i>Clostridium</i> Spore Germination. <i>PLoS Pathogens</i> , 2013, 9, e1003165.	2.1	99
494	Site-Directed Mutations in the Lanthipeptide Mutacin 1140. <i>Applied and Environmental Microbiology</i> , 2013, 79, 4015-4023.	1.4	47
495	Cold Adapted Subtilases. , 2013, , 3161-3166.		0

#	ARTICLE	IF	CITATIONS
496	Purification and Characterization of AsES Protein. <i>Journal of Biological Chemistry</i> , 2013, 288, 14098-14113.	1.6	43
497	Increase in activation rate of Proâ€¢kâ€¢subtilisin by a single nonpolarâ€¢oâ€¢polar amino acid substitution at the hydrophobic core of the propeptide domain. <i>Protein Science</i> , 2013, 22, 1711-1721.	3.1	6
498	Proteolysin, a Novel Highly Thermostable and Cosolvent-Compatible Protease from the Thermophilic Bacterium <i>Coprothermobacter proteolyticus</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 5625-5632.	1.4	31
499	Plant Subtilisins. , 2013, , 3247-3254.		6
500	Subtilisins. , 2013, , 3148-3155.		15
501	Propeptides of eukaryotic proteases encode histidines to exploit organelle pH for regulation. <i>FASEB Journal</i> , 2013, 27, 2939-2945.	0.2	2
502	Endopeptidase Q. , 2013, , 3182-3188.		2
503	Horizontal Transfer of a Subtilisin Gene from Plants into an Ancestor of the Plant Pathogenic Fungal Genus <i>Colletotrichum</i> . <i>PLoS ONE</i> , 2013, 8, e59078.	1.1	28
504	Proteolytic inventory of <i>Thermococcus kodakaraensis</i> . <i>African Journal of Microbiology Research</i> , 2013, 7, 3139-3150.	0.4	1
505	Pathogenicity and proteome production of <i>Isaria fumosorosea</i> (= <i>Paecilomyces Fumosoroseus</i> ) (WISE) isolates against lemon butterfly, <i>Papilio demoleus</i> (Papilionidae: lepidoptera). <i>African Journal of Biotechnology</i> , 2014, 13, 4176-4182.	0.3	3
506	Role of <i>Corynebacterium glutamicum sprA</i> Encoding a Serine Protease in glxR-Mediated Global Gene Regulation. <i>PLoS ONE</i> , 2014, 9, e93587.	1.1	6
507	Subtilisin-like proteases in plant-â€¢pathogen recognition and immune priming: a perspective. <i>Frontiers in Plant Science</i> , 2014, 5, 739.	1.7	135
508	Probing the Crucial Role of Leu31 and Thr33 of the <i>Bacillus pumilus</i> CBS Alkaline Protease in Substrate Recognition and Enzymatic Depilation of Animal Hide. <i>PLoS ONE</i> , 2014, 9, e108367.	1.1	28
509	Sustainable Textile Wet Processing: Applications of Enzymes. <i>Textile Science and Clothing Technology</i> , 2014, , 203-238.	0.4	11
510	Prb1, a subtilisin-like protease, is required for virulence and phenotypical traits in the chestnut blight fungus. <i>FEMS Microbiology Letters</i> , 2014, 359, 26-33.	0.7	30
511	Subtilase SprP exerts pleiotropic effects in <i>Pseudomonas aeruginosa</i> . <i>MicrobiologyOpen</i> , 2014, 3, 89-103.	1.2	12
512	Molecular Mechanism of Nematophagous Fungi Infection of Nematodes. <i>Fungal Diversity Research Series</i> , 2014, , 263-311.	0.6	1
513	Genome-wide and molecular evolution analysis of the subtilase gene family in <i>Vitis vinifera</i> . <i>BMC Genomics</i> , 2014, 15, 1116.	1.2	28



#	ARTICLE	IF	CITATIONS
514	Molecular Cloning and Optimization for High Level Expression of Cold-Adapted Serine Protease from Antarctic Yeast <i>Glaciozyma antarctica</i> P112. <i>Enzyme Research</i> , 2014, 2014, 1-20.	1.8	27
515	Serine Proteases of Malaria Parasite <i>Plasmodium falciparum</i> : Potential as Antimalarial Drug Targets. <i>Interdisciplinary Perspectives on Infectious Diseases</i> , 2014, 2014, 1-7.	0.6	18
516	Biochemical Characterization of the SPATE Members EspP1± and EspI. <i>Toxins</i> , 2014, 6, 2719-2731.	1.5	3
517	X-ray Structures of Human Furin in Complex with Competitive Inhibitors. <i>ACS Chemical Biology</i> , 2014, 9, 1113-1118.	1.6	69
518	The malaria parasite egress protease SUB1 is a calcium-dependent redox switch subtilisin. <i>Nature Communications</i> , 2014, 5, 3726.	5.8	43
519	Biological Control of Plant-Parasitic Nematodes by Nematophagous Fungi. <i>Fungal Diversity Research Series</i> , 2014, , 231-262.	0.6	16
520	Human Placental Extract Mediated Inhibition of Proteinase K: Implications of Heparin and Glycoproteins in Wound Physiology. <i>Journal of Cellular Physiology</i> , 2014, 229, 1212-1223.	2.0	8
521	Organic Solvent and Laundry Detergent Stable Crude Protease from Nile Tilapia ( <i>Oreochromis Tj</i> ) ETQq1 1 0.784314 rgBT /Oyerlock 10 0.6 4	0.6	4
522	The role of salt bridges on the temperature adaptation of aqualysin I, a thermostable subtilisin-like proteinase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 2174-2181.	1.1	39
523	Effects of Metal Ions on Stability and Activity of Hyperthermophilic Pyrolysin and Further Stabilization of This Enzyme by Modification of a Ca <sup>2+</sup> -Binding Site. <i>Applied and Environmental Microbiology</i> , 2014, 80, 2763-2772.	1.4	31
524	Clawing through Evolution: Toxin Diversification and Convergence in the Ancient Lineage Chilopoda (Centipedes). <i>Molecular Biology and Evolution</i> , 2014, 31, 2124-2148.	3.5	100
525	Highly conserved salt bridge stabilizes a proteinase K subfamily enzyme, Aqualysin I, from <i>Thermus aquaticus</i> YT-1. <i>AMB Express</i> , 2014, 4, 59.	1.4	9
526	Subtilase from <i>Beauveria</i> sp.: conformational and functional investigation of unusual stability. <i>European Biophysics Journal</i> , 2014, 43, 393-403.	1.2	3
527	Chitin Accelerates Activation of a Novel Haloarchaeal Serine Protease That Deproteinizes Chitin-Containing Biomass. <i>Applied and Environmental Microbiology</i> , 2014, 80, 5698-5708.	1.4	19
528	A novel <i>Plasmodium</i> -specific prodomain fold regulates the malaria drug target SUB1 subtilase. <i>Nature Communications</i> , 2014, 5, 4833.	5.8	20
529	A recombinant subtilisin with keratinolytic and fibrin(ogen)olytic activity. <i>Process Biochemistry</i> , 2014, 49, 948-954.	1.8	3
530	Functional analysis of the C-terminal propeptide of keratinase from <i>Bacillus licheniformis</i> BBE11-1 and its effect on the production of keratinase in <i>Bacillus subtilis</i> . <i>Process Biochemistry</i> , 2014, 49, 1538-1542.	1.8	19
531	Molecular genetic analysis of <i>Dichelobacter nodosus</i> proteases AprV2/B2, AprV5/B5 and BprV/B in clinical material from European sheep flocks. <i>Veterinary Microbiology</i> , 2014, 168, 177-184.	0.8	34

#	ARTICLE	IF	CITATIONS
532	Functional expression, purification, and biochemical properties of subtilase SprP from <i>Pseudomonas aeruginosa</i> . <i>MicrobiologyOpen</i> , 2015, 4, 743-752.	1.2	11
533	Mirolase, a novel subtilisin-like serine protease from the periodontopathogen <i>Tannerella forsythia</i> . <i>Biological Chemistry</i> , 2015, 396, 261-275.	1.2	29
534	Degradation of intact chicken feathers by <i>Thermoactinomyces</i> sp. CDF and characterization of its keratinolytic protease. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 3949-3959.	1.7	33
535	Secretion of <i>T</i> -dependent halolysin <i>S</i> <sub>ptA</sub> capable of autocatalytic activation and its relation to haloarchaeal growth. <i>Molecular Microbiology</i> , 2015, 96, 548-565.	1.2	18
536	Centipede Venom: Recent Discoveries and Current State of Knowledge. <i>Toxins</i> , 2015, 7, 679-704.	1.5	84
537	A New Subtilase-Like Protease Deriving from <i>Fusarium equiseti</i> with High Potential for Industrial Applications. <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 407-430.	1.4	10
538	Improving the Thermostability and Activity of a Thermophilic Subtilase by Incorporating Structural Elements of Its Psychrophilic Counterpart. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6302-6313.	1.4	20
539	A novel keratinase from <i>Bacillus tequilensis</i> strain Q7 with promising potential for the leather bating process. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 952-964.	3.6	73
540	A novel detergent-stable solvent-tolerant serine thiol alkaline protease from <i>Streptomyces koyangensis</i> TN650. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 871-882.	3.6	46
541	Protein Folding Mediated by an Intramolecular Chaperone: Energy Landscape for Unimolecular Pro-Subtilisin E Maturation. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2015, 06, 73-88.	0.3	4
542	Peptide synthesis in neat organic solvents with novel thermostable proteases. <i>Enzyme and Microbial Technology</i> , 2015, 73-74, 20-28.	1.6	18
543	Structural Basis for Action of the External Chaperone for a Propeptide-deficient Serine Protease from <i>Aeromonas sobria</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 11130-11143.	1.6	7
544	Genome sequence of a clinical isolate of dermatophyte, <i>Trichophyton rubrum</i> from India. <i>FEMS Microbiology Letters</i> , 2015, 362, fnv039.	0.7	13
545	Molecular cloning, overexpression and characterization of a new thiol-dependent, alkaline serine protease with destaining function and fibrinolytic potential from <i>Marinobacter aquaeolei</i> MS2-1. <i>Biologia (Poland)</i> , 2015, 70, 1143-1149.	0.8	8
546	Enzymatic cell disruption of microalgae biomass in biorefinery processes. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1955-1966.	1.7	142
547	Isolation and Characterization of a Thionin Proprotein-processing Enzyme from Barley. <i>Journal of Biological Chemistry</i> , 2015, 290, 18056-18067.	1.6	22
548	Physiological and Transcriptional Responses to High Temperature in <i>Arthrospira</i> ( <i>Spirulina</i> ) <i>platensis</i> C1. <i>Plant and Cell Physiology</i> , 2015, 56, 481-496.	1.5	30
549	Revisiting <i>Vitis vinifera</i> Subtilase Gene Family: A Possible Role in Grapevine Resistance against <i>Plasmopara viticola</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1783.	1.7	31

#	ARTICLE	IF	CITATIONS
551	Molprobit's ultimate rotamer-library distributions for model validation. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 1177-1189.	1.5	90
552	Genome-Wide Analyses of Subtilisin-Like Serine Proteases on <i>Solanum tuberosum</i> . <i>American Journal of Potato Research</i> , 2016, 93, 485-496.	0.5	19
553	Biochemical and molecular characterization of new keratinolytic protease from <i>Actinomadura viridilutea</i> DZ50. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 299-315.	3.6	35
554	Molecular mechanism of carbon nanotube to activate Subtilisin Carlsberg in polar and non-polar organic media. <i>Scientific Reports</i> , 2016, 6, 36838.	1.6	9
555	Identification of food-grade subtilisins as gluten-degrading enzymes to treat celiac disease. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G571-G580.	1.6	25
556	Genomic and exoproteomic analyses of cold- and alkaline-adapted bacteria reveal an abundance of secreted subtilisin-like proteases. <i>Microbial Biotechnology</i> , 2016, 9, 245-256.	2.0	9
557	Alternative Translation Initiation of a Haloarchaeal Serine Protease Transcript Containing Two In-Frame Start Codons. <i>Journal of Bacteriology</i> , 2016, 198, 1892-1901.	1.0	8
558	Properties of an ionic liquid-tolerant <i>Bacillus amyloliquefaciens</i> CMW1 and its extracellular protease. <i>Extremophiles</i> , 2016, 20, 415-424.	0.9	9
559	Functional Characterization of Propeptides in Plant Subtilases as Intramolecular Chaperones and Inhibitors of the Mature Protease. <i>Journal of Biological Chemistry</i> , 2016, 291, 19449-19461.	1.6	32
560	Specificity characterization of the $\pm$ -mating factor hormone by Kex2 protease. <i>Biochimie</i> , 2016, 131, 149-158.	1.3	8
561	Isolation and characterization of a broad pH- and temperature-active, solvent and surfactant stable protease from a new strain of <i>Bacillus subtilis</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2016, 8, 32-38.	1.5	17
562	Autocatalytic activation of a thermostable glutamyl endopeptidase capable of hydrolyzing proteins at high temperatures. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 10429-10441.	1.7	10
563	Hydrolysis and Formation of Carboxylic Acid and Alcohol Derivatives. , 2016, , 127-148.		2
564	A single mutation Gln142Lys doubles the catalytic activity of VPR, a cold adapted subtilisin-like serine proteinase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1436-1443.	1.1	11
565	Mechanisms of cyanobactin biosynthesis. <i>Current Opinion in Chemical Biology</i> , 2016, 35, 80-88.	2.8	30
566	Identification and in silico characterization of two novel genes encoding peptidases S8 found by functional screening in a metagenomic library of Yucatán underground water. <i>Gene</i> , 2016, 593, 154-161.	1.0	20
567	Germinants and Their Receptors in Clostridia. <i>Journal of Bacteriology</i> , 2016, 198, 2767-2775.	1.0	60
568	Identification and characterization of a serine protease from wheat leaves. <i>European Journal of Plant Pathology</i> , 2016, 146, 293-304.	0.8	7

#	ARTICLE	IF	CITATIONS
569	Using in silico techniques: Isolation and characterization of an insect cuticle-degrading-protease gene from <i>Beauveria bassiana</i> . <i>Microbial Pathogenesis</i> , 2016, 97, 189-197.	1.3	3
570	The new $\text{A}\beta$ amyloid-derived peptide $\text{A}\beta$ 6A2V-TAT(D) prevents $\text{A}\beta$ oligomer formation and protects transgenic <i>C. elegans</i> from $\text{A}\beta$ toxicity. <i>Neurobiology of Disease</i> , 2016, 88, 75-84.	2.1	17
571	Characterization of a salt-activated protease with temperature-dependent secretion in <i>Stenotrophomonas maltophilia</i> FF11 isolated from frozen Antarctic krill. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 829-840.	1.4	13
572	Chemoproteomic profiling of host and pathogen enzymes active in cholera. <i>Nature Chemical Biology</i> , 2016, 12, 268-274.	3.9	53
573	In silico dissection of Type VII Secretion System components across bacteria: New directions towards functional characterization. <i>Journal of Biosciences</i> , 2016, 41, 133-143.	0.5	7
574	Genomic dissection of Australian <i>Bordetella pertussis</i> isolates from the 2008-2012 epidemic. <i>Journal of Infection</i> , 2016, 72, 468-477.	1.7	52
575	Maturation of Fibrinolytic Bacillopeptidase F Involves both Hetero- and Autocatalytic Processes. <i>Applied and Environmental Microbiology</i> , 2016, 82, 318-327.	1.4	12
576	Cholesterol and Its Derivatives Reversibly Inhibit Proteinase K. <i>Journal of Cellular Physiology</i> , 2017, 232, 596-609.	2.0	5
577	Tobacco phytaspase: Successful expression in a heterologous system. <i>Bioengineered</i> , 2017, 8, 457-461.	1.4	0
578	Label-free quantitative secretome analysis of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> highlights the involvement of a novel cysteine protease in its pathogenicity. <i>Journal of Proteomics</i> , 2017, 169, 202-214.	1.2	25
579	Identification of a new subtilisin-like protease NbSLP2 interacting with cytoskeletal protein septin in Microsporidia <i>Nosema bombycis</i> . <i>Journal of Invertebrate Pathology</i> , 2017, 148, 110-117.	1.5	7
580	Metabolic network analysis reveals microbial community interactions in anammox granules. <i>Nature Communications</i> , 2017, 8, 15416.	5.8	489
581	<i>Aeromonas sobria</i> serine protease (ASP): a subtilisin family endopeptidase with multiple virulence activities. <i>Biological Chemistry</i> , 2017, 398, 1055-1068.	1.2	3
582	Phylogenomic evolutionary surveys of subtilase superfamily genes in fungi. <i>Scientific Reports</i> , 2017, 7, 45456.	1.6	48
583	Evolutionary History of Subtilases in Land Plants and Their Involvement in Symbiotic Interactions. <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 489-501.	1.4	38
584	Four Inserts within the Catalytic Domain Confer Extra Stability and Activity to Hyperthermostable Pyrolysin from <i>Pyrococcus furiosus</i> . <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	8
585	A novel metal-tolerant, solvent and surfactant stable protease from a new strain of <i>Bacillus megaterium</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 12, 228-235.	1.5	5
586	Transcriptomic and metabolomics responses to elevated cell wall invertase activity during tomato fruit set. <i>Journal of Experimental Botany</i> , 2017, 68, 4263-4279.	2.4	45

#	ARTICLE	IF	CITATIONS
587	<i>Streptococcus salivarius</i> MS-oral-D6 promotes gingival re-epithelialization in vitro through a secreted serine protease. <i>Scientific Reports</i> , 2017, 7, 11100.	1.6	16
588	<i>Stenotrophomonas maltophilia</i> Serine Protease StmPr1 Induces Matrilysin, Anoikis, and Protease-Activated Receptor 2 Activation in Human Lung Epithelial Cells. <i>Infection and Immunity</i> , 2017, 85, .	1.0	35
589	Substrate-induced changes in dynamics and molecular motions of cuticle-degrading serine protease PL646: a molecular dynamics study. <i>RSC Advances</i> , 2017, 7, 42094-42104.	1.7	20
590	<i>Industrial Enzymes and Biocatalysis</i> . , 2017, , 1571-1638.		5
591	The discovery of novel heat-stable keratinases from <i>Meiothermus taiwanensis</i> WR-220 and other extremophiles. <i>Scientific Reports</i> , 2017, 7, 4658.	1.6	39
592	Non-canonical proteolytic activation of human prothrombin by subtilisin from <i>Bacillus subtilis</i> may shift the procoagulantâ€“anticoagulant equilibrium toward thrombosis. <i>Journal of Biological Chemistry</i> , 2017, 292, 15161-15179.	1.6	28
593	Substrate Specificity of the Secreted Nisin Leader Peptidase NisP. <i>Biochemistry</i> , 2017, 56, 4005-4014.	1.2	35
594	Molecular investigation on the interaction of spermine with proteinase K by multispectroscopic techniques and molecular simulation studies. <i>International Journal of Biological Macromolecules</i> , 2017, 94, 406-414.	3.6	34
595	Simulating the slow to fast switch in cytochrome c oxidase catalysis by introducing a loop flip near the enzyme's cytochrome c (substrate) binding site. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 677-685.	1.4	3
596	Hyperthermophilic Subtilisin-Like Proteases From <i>Thermococcus kodakarensis</i> . , 2017, , 81-117.		2
597	Seven enzymes create extraordinary molecular complexity in an uncultivated bacterium. <i>Nature Chemistry</i> , 2017, 9, 387-395.	6.6	103
598	<i>zmsbt1</i> and <i>zmsbt2</i> , two new subtilisin-like serine proteases genes expressed in early maize kernel development. <i>Planta</i> , 2017, 245, 409-424.	1.6	6
599	<i>Plasmodium berghei</i> PIMMS2 Promotes Ookinete Invasion of the <i>Anopheles gambiae</i> Mosquito Midgut. <i>Infection and Immunity</i> , 2017, 85, .	1.0	13
600	Thermodynamic analysis of Kex2 activity: The acylation and deacylation steps are potassium- and substrate-dependent. <i>Biophysical Chemistry</i> , 2018, 235, 29-39.	1.5	3
601	Diversity and functional evolution of the plasminogen activator system. <i>Biomedicine and Pharmacotherapy</i> , 2018, 98, 886-898.	2.5	43
602	Purification, biochemical, and molecular characterization of novel protease from <i>Bacillus licheniformis</i> strain K7A. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 1033-1048.	3.6	50
603	From structure to function â€“ a family portrait of plant subtilases. <i>New Phytologist</i> , 2018, 218, 901-915.	3.5	108
604	Subtilisinâ€“like proteases in plant defence: the past, the present and beyond. <i>Molecular Plant Pathology</i> , 2018, 19, 1017-1028.	2.0	106

#	ARTICLE	IF	CITATIONS
605	Construction of the Escherichia coli-Bacillus subtilis Shuttle Vector pBE2R and Identification of the Critical Residues Involved in the Autoprocessing of the Propeptide of the Alkaline Protease. Lecture Notes in Electrical Engineering, 2018, , 69-78.	0.3	0
606	Interactions between surfactants and hydrolytic enzymes. Colloids and Surfaces B: Biointerfaces, 2018, 168, 169-177.	2.5	78
607	An overview of <i>Bacillus</i> proteases: from production to application. Critical Reviews in Biotechnology, 2018, 38, 321-334.	5.1	227
608	Cell Wall Proteome Investigation of Bread Wheat (<i>Triticum Aestivum</i>) Developing Grain in Endosperm and Outer Layers. Proteomics, 2018, 18, e1800286.	1.3	5
609	Leveraging single-cell genomics to expand the fungal tree of life. Nature Microbiology, 2018, 3, 1417-1428.	5.9	101
610	Draft genome sequence, disease-resistance genes, and phenotype of a <i>Paenibacillus terrae</i> strain (NK3-4) with the potential to control plant diseases. Genome, 2018, 61, 725-734.	0.9	7
611	A genome wide survey reveals multiple nematocyst-specific genes in Myxozoa. BMC Evolutionary Biology, 2018, 18, 138.	3.2	8
612	Solution behaviour of lysozyme in the presence of novel biodegradable gemini surfactants. International Journal of Biological Macromolecules, 2018, 117, 301-307.	3.6	7
613	Updates to Clostridium difficile Spore Germination. Journal of Bacteriology, 2018, 200, .	1.0	50
614	Purification and characterization of a harsh conditions-resistant protease from a new strain of Staphylococcus saprophyticus. Agriculture and Natural Resources, 2018, 52, 16-23.	0.4	5
615	Clostridioides difficile Biology: Sporulation, Germination, and Corresponding Therapies for C. difficile Infection. Frontiers in Cellular and Infection Microbiology, 2018, 8, 29.	1.8	102
616	Screening of potential bioremediation enzymes from hot spring bacteria using conventional plate assays and liquid chromatography - Tandem mass spectrometry (Lc-Ms/Ms). Journal of Environmental Management, 2018, 223, 787-796.	3.8	33
617	Development of Versatile Vectors for Heterologous Expression in Bacillus. Microorganisms, 2018, 6, 51.	1.6	8
618	A mini-review on the enzyme-mediated manipulation of proteins/peptides. Chinese Chemical Letters, 2018, 29, 1017-1021.	4.8	11
619	<i>Bordetella pertussis</i> and <i>Bordetella bronchiseptica</i> filamentous hemagglutinins are processed at different sites. FEBS Open Bio, 2018, 8, 1256-1266.	1.0	4
620	Halolysin SptA, a Serine Protease, Contributes to Growth-Phase Transition of Haloarchaeon Natrinema sp. J7-2, and Its Expression Involves Cooperative Action of Multiple Cis-Regulatory Elements. Frontiers in Microbiology, 2018, 9, 1799.	1.5	7
621	<i>Plasmodium falciparum</i> subtilisinâ€like ookinete protein SOPT plays an important and conserved role during ookinete infection of the <i>Anopheles stephensi</i> midgut. Molecular Microbiology, 2018, 109, 458-473.	1.2	8
622	Crystal structure of a cold-active protease (Pro21717) from the psychrophilic bacterium, Pseudoalteromonas arctica PAMC 21717, at 1.4 Å.. resolution: Structural adaptations to cold and functional analysis of a laundry detergent enzyme. PLoS ONE, 2018, 13, e0191740.	1.1	16



#	ARTICLE	IF	CITATIONS
623	Identification of a novel protease from the thermophilic <i>Anoxybacillus kamchatkensis</i> M1V and its application as laundry detergent additive. <i>Extremophiles</i> , 2019, 23, 687-706.	0.9	36
624	Heterologous expression and characterization of a novel subtilisin-like protease from a thermophilic <i>Thermus thermophilus</i> HB8. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 528-535.	3.6	9
625	Pathogen proteases and host protease inhibitors in molluscan infectious diseases. <i>Journal of Invertebrate Pathology</i> , 2019, 166, 107214.	1.5	16
626	A Role for the VPS Retromer in <i>Brucella</i> Intracellular Replication Revealed by Genomewide siRNA Screening. <i>MSphere</i> , 2019, 4, .	1.3	11
627	Stabilization of Proteins by Covalent Cyclization. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 702-712.	1.4	24
628	Identification of pathogenicity-related genes and the role of a subtilisin-related peptidase S8 (PePRT) in autophagy and virulence of <i>Penicillium expansum</i> on apples. <i>Postharvest Biology and Technology</i> , 2019, 149, 209-220.	2.9	27
629	The RstAB System Impacts Virulence, Motility, Cell Morphology, Penicillin Tolerance and Production of Type II Secretion System-Dependent Factors in the Fish and Human Pathogen <i>Photobacterium damsela</i> subsp. <i>damsela</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 897.	1.5	17
630	Molecular evidence for origin, diversification and ancient gene duplication of plant subtilases (SBTs). <i>Scientific Reports</i> , 2019, 9, 12485.	1.6	14
631	Cloning, expression and characterization of a novel alkaline serine protease gene from native Iranian <i>Bacillus</i> sp.; a producer of protease for use in livestock. <i>Gene</i> , 2019, 693, 10-15.	1.0	10
632	Insights Into the Complexity of Yeast Extract Peptides and Their Utilization by <i>Streptococcus thermophilus</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 906.	1.5	21
633	Functional characterization of a subtilisin-like serine protease from <i>Vibrio cholerae</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 9888-9900.	1.6	14
634	NMR structure of CmPII, a non-classical Kazal protease inhibitor: Understanding its conformational dynamics and subtilisin A inhibition. <i>Journal of Structural Biology</i> , 2019, 206, 280-294.	1.3	10
635	PAQR3 modulates blood cholesterol level by facilitating interaction between LDLR and PCSK9. <i>Metabolism: Clinical and Experimental</i> , 2019, 94, 88-95.	1.5	10
636	Communicate and Fuse: How Filamentous Fungi Establish and Maintain an Interconnected Mycelial Network. <i>Frontiers in Microbiology</i> , 2019, 10, 619.	1.5	98
637	Purification, biochemical, and molecular characterization of a novel extracellular thermostable and alkaline $\alpha$ -amylase from <i>Tepidimonas fonticaldi</i> strain HB23. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 558-574.	3.6	25
638	Primary structure and characterization of a protease from <i>Bacillus amyloliquefaciens</i> isolated from meju, a traditional Korean soybean fermentation starter. <i>Process Biochemistry</i> , 2019, 80, 52-57.	1.8	5
639	Identification of a New Serine Alkaline Peptidase from the Moderately Halophilic <i>Virgibacillus natechei</i> sp. nov., Strain FarD <sup>T</sup> and its Application as Bioadditive for Peptide Synthesis and Laundry Detergent Formulations. <i>BioMed Research International</i> , 2019, 2019, 1-17.	0.9	12
640	High-Level Expression and Substrate-Binding Region Modification of a Novel BL312 Milk-Clotting Enzyme To Enhance the Ratio of Milk-Clotting Activity to Proteolytic Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13684-13693.	2.4	7



#	ARTICLE	IF	CITATIONS
641	Gene cloning, expression, molecular modeling and docking study of the protease SAPRH from <i>Bacillus safensis</i> strain RH12. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 876-891.	3.6	12
642	Improved expression, purification and characterization of VPR, a cold active subtilisin-like serine proteinase and the effects of calcium on expression and stability. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 152-162.	1.1	5
643	The state-of-the-art strategies of protein engineering for enzyme stabilization. <i>Biotechnology Advances</i> , 2019, 37, 530-537.	6.0	117
644	Insight derived from molecular dynamics simulation into dynamics and molecular motions of cuticle-degrading serine protease Ver112. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2004-2016.	2.0	6
645	The conformational stability of terminal helices of $\hat{\nu}$ -repressor protein in aqueous dodine and choline-O-sulfate solutions. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 1332-1346.	3.6	5
646	Enzyme applications in textile chemical processing. , 2020, , 91-115.		6
647	The fungal subtilase AsES elicits a PTI-like defence response in <i>Arabidopsis thaliana</i> plants independently of its enzymatic activity. <i>Molecular Plant Pathology</i> , 2020, 21, 147-159.	2.0	10
648	A novel thermostable serine protease from a metagenomic library derived from marine sediments in the East China Sea. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 9229-9238.	1.7	10
649	Temperature-sensitive recombinant subtilisin protease variants that efficiently degrade molecular biology enzymes. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	1
650	AtPME17 is a functional <i>Arabidopsis thaliana</i> pectin methylesterase regulated by its PRO region that triggers PME activity in the resistance to <i>Botrytis cinerea</i> . <i>Molecular Plant Pathology</i> , 2020, 21, 1620-1633.	2.0	43
651	System-wide characterization of subtilases reveals that subtilisin-like protease FgPrb1 of <i>Fusarium graminearum</i> regulates fungal development and virulence. <i>Fungal Genetics and Biology</i> , 2020, 144, 103449.	0.9	13
652	Salt-enhanced processing, proteolytic activity and stability of halophilic thermolysin-like proteinase, salilysin, isolated from a moderate halophile, <i>Chromohalobacter salexigens</i> DSM3043. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 77-86.	3.6	3
653	Identification and homology modeling of a new biotechnologically compatible serine alkaline protease from moderately halotolerant <i>Gracilibacillus boracitolerans</i> strain LO15. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1456-1469.	3.6	8
654	The hydrophobicity of an amino acid residue in a flexible loop of KP-43 protease alters activity toward a macromolecule substrate. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8339-8349.	1.7	5
655	A serine protease secreted from <i>Bacillus subtilis</i> cleaves human plasma transthyretin to generate an amyloidogenic fragment. <i>Communications Biology</i> , 2020, 3, 764.	2.0	12
656	Extracellular Production, Characterization, and Engineering of a Polyextremotolerant Subtilisin-Like Protease From Feather-Degrading <i>Thermoactinomyces vulgaris</i> Strain CDF. <i>Frontiers in Microbiology</i> , 2020, 11, 605771.	1.5	11
657	Modeled Structure of the Cell Envelope Proteinase of <i>Lactococcus lactis</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 613986.	2.0	6
658	Insights into the Maturation of Pernisine, a Subtilisin-Like Protease from the Hyperthermophilic Archaeon <i>Aeropyrum pernix</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	3

#	ARTICLE	IF	CITATIONS
659	Kilbournase, a protease-associated domain subtilase secreted by the fungal corn pathogen <i>Stenocarpella maydis</i> . <i>Fungal Genetics and Biology</i> , 2020, 141, 103399.	0.9	7
660	Tutuilamides Aâ€“C: Vinyl-Chloride-Containing Cyclodepsipeptides from Marine Cyanobacteria with Potent Elastase Inhibitory Properties. <i>ACS Chemical Biology</i> , 2020, 15, 751-757.	1.6	33
661	The Subtilisin-Like Protease Bcser2 Affects the Sclerotial Formation, Conidiation and Virulence of <i>Botrytis cinerea</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 603.	1.8	25
662	Cloning, Expression, and Structural Elucidation of a Biotechnologically Potential Alkaline Serine Protease From a Newly Isolated Haloalkaliphilic <i>Bacillus lehensis</i> JO-26. <i>Frontiers in Microbiology</i> , 2020, 11, 941.	1.5	35
663	Computational approach for the identification of putative allergens from Cucurbitaceae family members. <i>Journal of Food Science and Technology</i> , 2021, 58, 267-280.	1.4	2
664	Insertion loop-mediated folding propagation governs efficient maturation of hyperthermophilic <i>Tk</i> â€“subtilisin at high temperatures. <i>FEBS Letters</i> , 2021, 595, 452-461.	1.3	2
665	Antihypertensive potential of fermented milk: the contribution of lactic acid bacteria proteolysis system and the resultant angiotensin-converting enzyme inhibitory peptide. <i>Food and Function</i> , 2021, 12, 11121-11131.	2.1	13
666	Isolation, Identification and Sequence Analysis of Subtilisin Gene (Quaking Homolog) Encoding a Fibrinolytic Enzyme from <i>Bacillus subtilis</i> . , 2021, 83, .		0
668	<i>Haloferax mediterranei</i> Halolysin R4 Confers Antagonistic and Defensive Capabilities. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	10
669	Crystal structure of inhibitor-bound human MSPL that can activate high pathogenic avian influenza. <i>Life Science Alliance</i> , 2021, 4, e202000849.	1.3	7
670	Bacilli as sources of agrobiotechnology: recent advances and future directions. <i>Green Chemistry Letters and Reviews</i> , 2021, 14, 246-271.	2.1	27
671	Recombinant Production and Characterization of an Extracellular Subtilisin-Like Serine Protease from <i>Acinetobacter baumannii</i> of Fermented Food Origin. <i>Protein Journal</i> , 2021, 40, 419-435.	0.7	6
672	Proteolytic Maturation of the Outer Membrane <i>c</i> -Type Cytochrome OmcZ by a Subtilisin-Like Serine Protease Is Essential for Optimal Current Production by <i>Geobacter sulfurreducens</i> . <i>Applied and Environmental Microbiology</i> , 2021, 87, e0261720.	1.4	5
673	PCSK9 Biology and Its Role in Atherothrombosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5880.	1.8	70
674	Gene Analysis, Cloning, and Heterologous Expression of Protease from a Micromycete <i>Aspergillus ochraceus</i> Capable of Activating Protein C of Blood Plasma. <i>Microorganisms</i> , 2021, 9, 1936.	1.6	2
675	Semysynthetic biflavonoid Morelloflavone-7,4â€“ <sup>2</sup> ,7â€“ <sup>3</sup> ,3â€“ <sup>4</sup> ,4â€“ <sup>5</sup> -penta-O-butanoyl is a more potent inhibitor of Proprotein Convertases Subtilisin/Kexin PC1/3 than Kex2 and Furin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 130016.	1.1	1
677	Molecular Biology Of Actinorhizal Symbioses. , 2007, , 235-259.		9
678	Enzyme Stabilization by Directed Evolution. , 2000, 22, 55-76.		9

#	ARTICLE	IF	CITATIONS
679	Fungi as Biological Control Agents of Plant-Parasitic Nematodes. Progress in Biological Control, 2020, , 333-384.	0.5	12
680	Algorithm for Grounding Mutation Mentions from Text to Protein Sequences. Lecture Notes in Computer Science, 2010, , 122-131.	1.0	4
681	Plant proteolytic enzymes: possible roles during programmed cell death. , 2000, , 155-171.		10
682	Multi-domain, cell-envelope proteinases of lactic acid bacteria. , 1999, , 139-155.		4
683	Serine Proteases as Metabolic Regulators in Yeast. , 2017, , 399-422.		1
684	Differential effects of 'resurrecting' Csp pseudoproteases during <i>Clostridioides difficile</i> spore germination. Biochemical Journal, 2020, 477, 1459-1478.	1.7	5
685	Purification and characterization of a 315 kDa keratinolytic subtilisin-like serine protease from <i>Microsporium canis</i> and evidence of its secretion in naturally infected cats. Medical Mycology, 1998, 36, 395-404.	0.3	17
686	<i>amontillado</i> , the Drosophila Homolog of the Prohormone Processing Protease PC2, Is Required During Embryogenesis and Early Larval Development. Genetics, 2003, 163, 227-237.	1.2	39
687	A novel member of the subtilisin-like protease family from <i>Bacillus subtilis</i> . Microbiology (United Kingdom), 2007, 157, 1011-1018.	0.7	18
688	EprS, an autotransporter serine protease, plays an important role in various pathogenic phenotypes of <i>Pseudomonas aeruginosa</i> . Microbiology (United Kingdom), 2016, 162, 318-329.	0.7	3
690	A subtilisin-like serine protease involved in the regulation of stomatal density and distribution in <i>Arabidopsis thaliana</i> . Genes and Development, 2000, 14, 1119-1131.	2.7	374
691	A novel streptococcal surface protease promotes virulence, resistance to opsonophagocytosis, and cleavage of human fibrinogen. Journal of Clinical Investigation, 2003, 111, 61-70.	3.9	45
692	A novel streptococcal surface protease promotes virulence, resistance to opsonophagocytosis, and cleavage of human fibrinogen. Journal of Clinical Investigation, 2003, 111, 61-70.	3.9	80
693	Structure and Function Relationship of the Autotransport and Proteolytic Activity of EspP from Shiga Toxin-Producing <i>Escherichia coli</i> . PLoS ONE, 2009, 4, e6100.	1.1	32
694	Functional Insight into the C-Terminal Extension of Halolysin SptA from Haloarchaeon <i>Natrinema</i> sp. J7. PLoS ONE, 2011, 6, e23562.	1.1	22
695	Recombining Low Homology, Functionally Rich Regions of Bacterial Subtilisins by Combinatorial Fragment Exchange. PLoS ONE, 2011, 6, e24319.	1.1	5
696	Truncated Cotton Subtilase Promoter Directs Guard Cell-Specific Expression of Foreign Genes in Tobacco and Arabidopsis. PLoS ONE, 2013, 8, e59802.	1.1	12
697	Proprotein Convertase 1/3 (PC1/3) in the Rat Alveolar Macrophage Cell Line NR8383: Localization, Trafficking and Effects on Cytokine Secretion. PLoS ONE, 2013, 8, e61557.	1.1	19

#	ARTICLE	IF	CITATIONS
698	Biochemical and Molecular Characterization of a Serine Keratinase from <i>Brevibacillus brevis</i> US575 with Promising Keratin-Biodegradation and Hide-Dehairing Activities. <i>PLoS ONE</i> , 2013, 8, e76722.	1.1	115
699	Properties of Hemolysin and Protease Produced by <i>Aeromonas trota</i> . <i>PLoS ONE</i> , 2014, 9, e91149.	1.1	15
700	Codon Optimisation Is Key for Pernisine Expression in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2015, 10, e0123288.	1.1	9
701	Comparative Analysis of Secretome Profiles of Manganese(II)-Oxidizing Ascomycete Fungi. <i>PLoS ONE</i> , 2016, 11, e0157844.	1.1	49
702	Involvement of the Arg566 residue of <i>Aeromonas sobria</i> serine protease in substrate specificity. <i>PLoS ONE</i> , 2017, 12, e0186392.	1.1	3
703	Ribosome profiling reveals changes in translational status of soybean transcripts during immature cotyledon development. <i>PLoS ONE</i> , 2018, 13, e0194596.	1.1	20
704	Isolation and characterization of a cDNA encoding a mammalian cathepsin L-like cysteine proteinase from <i>Acanthamoeba healyi</i> . <i>Korean Journal of Parasitology</i> , 2002, 40, 17.	0.5	14
705	Production and Characterization of Thermo-alkaline Extracellular Protease from <i>Halobacterium</i> sp. AF1. <i>Asian Journal of Biotechnology</i> , 2011, 3, 345-356.	0.3	7
706	A Single Ser85Ala Mutation Enhances the Catalytic Efficiency of Subtilisin E from <i>Bacillus subtilis</i> 168. <i>Biotechnology</i> , 2003, 3, 49-55.	0.5	3
707	Phylogenetic analysis of <i>Amphioxus</i> genes of the proprotein convertase family, including aPC6C, a marker of epithelial fusions during embryology. <i>International Journal of Biological Sciences</i> , 2006, 2, 125-132.	2.6	6
708	The PCSK9 discovery, an inactive protease with varied functions in hypercholesterolemia, viral infections, and cancer. <i>Journal of Lipid Research</i> , 2021, 62, 100130.	2.0	32
709	The Role of Streptococcal Cell-Envelope Proteases in Bacterial Evasion of the Innate Immune System. <i>Journal of Innate Immunity</i> , 2022, 14, 69-88.	1.8	6
710	Minimalistic mycoplasmas harbor different functional toxin-antitoxin systems. <i>PLoS Genetics</i> , 2021, 17, e1009365.	1.5	7
711	Conclusions: Future Perspectives. , 2002, , 343-345.		0
712	Genetics of Proteolysis in <i>Lactococcus lactis</i> . , 2003, , 189-223.		1
713	Modeling and Optimization of Directed Evolution Protocols. , 2003, , .		0
715	Feasibility as a Laundry Detergent Additive of an Alkaline Protease from <i>Bacillus clausii</i> C5 Transformed by Chromosomal Integration. <i>KSBB Journal</i> , 2012, 27, 352-360.	0.1	0
716	<i>Dichelobacter</i> (Sheep Footrot) Basic Serine Proteinase. , 2013, , 3213-3217.		0

#	ARTICLE	IF	CITATIONS
717	Dentilisin. , 2013, , 3217-3220.		0
718	BiP (Grp78): A Target for Escherichia coli Subtilase Cytotoxin. Heat Shock Proteins, 2013, , 309-322.	0.2	0
719	Serine proteases and ovine footrot. Microbiology Australia, 2013, 34, 37.	0.1	0
720	ASP Peptidase. , 2013, , 3209-3213.		0
721	Plasmodium Subtilisins. , 2013, , 3260-3265.		1
723	Bacillus amyloliquefaciens 35ÂM can exclusively produce and secrete proteases when cultured in soybean-meal-based medium. Colloids and Surfaces B: Biointerfaces, 2022, 209, 112188.	2.5	6
724	Comparative scrutinize of BSA and HEWL in the vicinity of metallo-catanionic aggregates derived from single chain metallosurfactant and anionic surfactant. Journal of Molecular Liquids, 2022, 345, 117818.	2.3	2
727	A subtilisin-like serine protease involved in the regulation of stomatal density and distribution in Arabidopsis thaliana. Genes and Development, 2000, 14, 1119-31.	2.7	325
728	Purification and characterization of Ak.1 protease, a thermostable subtilisin with a disulphide bond in the substrate-binding cleft. Biochemical Journal, 2000, 350 Pt 1, 321-8.	1.7	3
730	From Naturally-Sourced Protease Inhibitors to New Treatments for Fungal Infections. Journal of Fungi (Basel, Switzerland), 2021, 7, 1016.	1.5	13
731	Characterization and application of a novel halotolerant protease with no collagenase activity for cleaner dehairing of goatskin. Process Biochemistry, 2022, 113, 203-215.	1.8	8
732	Characterisation of rapid alkalinisation factors in <i>Physcomitrium patens</i> reveals functional conservation in tip growth. New Phytologist, 2022, 233, 2442-2457.	3.5	11
733	A putative SUBTILISIN-LIKE SERINE PROTEASE 1 (SUBSrP1) regulates anther cuticle biosynthesis and panicle development in rice. Journal of Advanced Research, 2022, 42, 273-287.	4.4	19
734	Sequence analysis and crystal structure of a glycosylated protease from Euphorbia resinifera latex for its proteolytic activity aspect. Biotechnology and Applied Biochemistry, 2021, , .	1.4	1
735	Hydrolytic Enzymes as Potentiators of Antimicrobials against an Inter-Kingdom Biofilm Model. Microbiology Spectrum, 2022, 10, e0258921.	1.2	5
736	Genome-Wide Analyses of Aspartic Proteases on Potato Genome (Solanum tuberosum): Generating New Tools to Improve the Resistance of Plants to Abiotic Stress. Plants, 2022, 11, 544.	1.6	4
737	Sec-Dependent Secretion of Subtilase SptE in <i>Haloarchaea</i> Facilitates Its Proper Folding and Heterocatalytic Processing by Halolysin SptA Extracellularly. Applied and Environmental Microbiology, 2022, 88, e0024622.	1.4	5
738	Bioprospecting of Ribosomally Synthesized and Post-translationally Modified Peptides Through Genome Characterization of a Novel Probiotic Lactiplantibacillus plantarum UTNGt21A Strain: A Promising Natural Antimicrobials Factory. Frontiers in Microbiology, 2022, 13, 868025.	1.5	3

#	ARTICLE	IF	CITATIONS
749	Riemerella anatipestifer T9SS Effector SspA Functions in Bacterial Virulence and Defending Natural Host Immunity. Applied and Environmental Microbiology, 2022, 88, e0240921.	1.4	9
750	Aerosol capture and coronavirus spike protein deactivation by enzyme functionalized antiviral membranes. Communications Materials, 2022, 3, .	2.9	6
751	Genome-Wide Comprehensive Survey of the Subtilisin-Like Proteases Gene Family Associated With Rice Caryopsis Development. Frontiers in Plant Science, 0, 13, .	1.7	3
752	Biochemical characterization of a novel oxidatively stable, halotolerant, and high alkaline subtilisin from <i>Alkalihalobacillus okhensis</i> . FEBS Open Bio, 2022, 12, 1729-1746.	1.0	6
753	Heterologous expression of Ts8, a neurotoxin from Tityus serrulatus venom, evidences its antifungal activity. Toxicon, 2022, 218, 47-56.	0.8	1
754	Extracellular microbial proteases with specificity for plant proteins in food fermentation. International Journal of Food Microbiology, 2022, 381, 109889.	2.1	22
756	Phylogenetic survey of the subtilase family and a data-mining-based search for new subtilisins from Bacillaceae. Frontiers in Microbiology, 0, 13, .	1.5	4
757	The antifungal activity of a serine protease and the enzyme production of characteristics of Bacillus licheniformis TG116. Archives of Microbiology, 2022, 204, .	1.0	5
758	Subtilisin-like Serine Protease 1 (SUB1) as an Emerging Antimalarial Drug Target: Current Achievements in Inhibitor Discovery. Journal of Medicinal Chemistry, 2022, 65, 12535-12545.	2.9	6
759	Crystal structure of a Burkholderia peptidase and modification of the substrate-binding site for enhanced hydrolytic activity toward gluten-derived pro-immunogenic peptides. International Journal of Biological Macromolecules, 2022, 222, 2258-2269.	3.6	3
760	Auto- and Hetero-Catalytic Processing of the N-Terminal Propeptide Promotes the C-Terminal Fibronectin Type III Domain-Mediated Dimerization of a Thermostable Vpr-like Protease. Applied and Environmental Microbiology, 0, , .	1.4	0
761	Identification of Exoenzymes Secreted by Entomopathogenic Fungus Beauveria pseudobassiana RGM 2184 and Their Effect on the Degradation of Cocoons and Pupae of Quarantine Pest Lobesia botrana. Journal of Fungi (Basel, Switzerland), 2022, 8, 1083.	1.5	1
762	Modulation of PC1/3 activity by a rare double-site homozygous mutation. Frontiers in Pediatrics, 0, 10, .	0.9	1
764	Xylem Sap Proteins from Vitis vinifera L. Chardonnay. , 2008, , .		13
765	Discovery of a secreted Verticillium dahliae protease that cleaves cotton CRR1 and induces plant cell death. Physiological and Molecular Plant Pathology, 2023, 123, 101941.	1.3	0
766	Recent Update on the Development of PCSK9 Inhibitors for Hypercholesterolemia Treatment. Journal of Medicinal Chemistry, 2022, 65, 15513-15539.	2.9	17
767	Mycoparasites, Gut Dwellers, and Saprotrophs: Phylogenomic Reconstructions and Comparative Analyses of Kickxellomycotina Fungi. Genome Biology and Evolution, 2023, 15, .	1.1	6
770	Hyperthermophilic subtilisin-like proteases from Thermococcus kodakarensis. , 2023, , 89-127.		0

#	ARTICLE	IF	CITATIONS
771	Biochemical and biophysical properties of a recombinant serine peptidase from <i>Purpureocillium lilacinum</i> . <i>Biophysical Chemistry</i> , 2023, 296, 106978.	1.5	0
773	Structure of <i>Geobacter</i> cytochrome OmcZ identifies mechanism of nanowire assembly and conductivity. <i>Nature Microbiology</i> , 2023, 8, 284-298.	5.9	27
774	Synergistic Mutations Create <i>Bacillus</i> Subtilisin Variants with Enhanced Poly-L-Lactic Acid Depolymerization Activity. <i>Biomacromolecules</i> , 2023, 24, 1141-1154.	2.6	1
775	Nature-inspired protein ligation and its applications. <i>Nature Reviews Chemistry</i> , 2023, 7, 234-255.	13.8	19
776	Heterologous expression and characterization of <i>Bacillus velezensis</i> SW5 serine protease involved in the hydrolysis of anchovy protein. <i>Journal of the Science of Food and Agriculture</i> , 2023, 103, 3468-3478.	1.7	2
777	Crystal structure of a subtilisin-like autotransporter passenger domain reveals insights into its cytotoxic function. <i>Nature Communications</i> , 2023, 14, .	5.8	0
778	Effect of PCSK9 on atherosclerotic cardiovascular diseases and its mechanisms: Focus on immune regulation. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	1.1	4
779	Differentiated extracts from freshwater and terrestrial mollusks inhibit virulence factor production in <i>Cryptococcus neoformans</i> . <i>Scientific Reports</i> , 2023, 13, .	1.6	2