

Jan J Enghild

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2056437/publications.pdf>

Version: 2024-02-01

278
papers

13,367
citations

23500

58
h-index

32761

100
g-index

288
all docs

288
docs citations

288
times ranked

14574
citing authors

#	ARTICLE	IF	CITATIONS
1	A Protein Corona Modulates Interactions of α -Synuclein with Nanoparticles and Alters the Rates of the Microscopic Steps of Amyloid Formation. <i>ACS Nano</i> , 2022, 16, 1102-1118.	7.3	9
2	The low-density lipoprotein receptor-related protein 1 (LRP1) interactome in the human cornea. <i>Experimental Eye Research</i> , 2022, 219, 109081.	1.2	5
3	Structural Remodelling of the Carbon-Phosphorus Enzymatic Machinery by a Dual ATP-Binding Cassette Module. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
4	Cryo-EM structures of human A2M1 elucidate the protease-inhibitory mechanism of the A2M family. <i>Nature Communications</i> , 2022, 13, .	5.8	4
5	The conformational change of the protease inhibitor α 2-macroglobulin is triggered by the retraction of the cleaved bait region from a central channel. <i>Journal of Biological Chemistry</i> , 2022, 298, 102230.	1.6	1
6	Latency, thermal stability, and identification of an inhibitory compound of mirolysin, a secretory protease of the human periodontopathogen <i>Tannerella forsythia</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1267-1281.	2.5	3
7	ITIH4 acts as a protease inhibitor by a novel inhibitory mechanism. <i>Science Advances</i> , 2021, 7, .	4.7	22
8	PorZ, an Essential Component of the Type IX Secretion System of <i>Porphyromonas gingivalis</i> , Delivers Anionic Lipopolysaccharide to the PorU Sortase for Transpeptidase Processing of T9SS Cargo Proteins. <i>MBio</i> , 2021, 12, .	1.8	17
9	Superoxide dismutase 3 is expressed in bone tissue and required for normal bone homeostasis and mineralization. <i>Free Radical Biology and Medicine</i> , 2021, 164, 399-409.	1.3	8
10	An Integrative Structural Biology Analysis of Von Willebrand Factor Binding and Processing by ADAMTS-13 in Solution. <i>Journal of Molecular Biology</i> , 2021, 433, 166954.	2.0	3
11	The last meal of Tollund Man: new analyses of his gut content. <i>Antiquity</i> , 2021, 95, 1195-1212.	0.5	10
12	Development of selective protease inhibitors via engineering of the bait region of human α 2-macroglobulin. <i>Journal of Biological Chemistry</i> , 2021, 297, 100879.	1.6	9
13	Mutation-induced dimerization of transforming growth factor- β -induced protein may drive protein aggregation in granular corneal dystrophy. <i>Journal of Biological Chemistry</i> , 2021, 297, 100858.	1.6	3
14	Identification of polyphenol oxidases in potato tuber (<i>Solanum tuberosum</i>) and purification and characterization of the major polyphenol oxidases. <i>Food Chemistry</i> , 2021, 365, 130454.	4.2	6
15	Structural Investigations of Human A2M Identify a Hollow Native Conformation That Underlies Its Distinctive Protease-Trapping Mechanism. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100090.	2.5	21
16	A novel approach for production of an active N-terminally truncated Ulp1 (SUMO protease 1) catalytic domain from <i>Escherichia coli</i> inclusion bodies. <i>Protein Expression and Purification</i> , 2020, 166, 105507.	0.6	10
17	Unfolding and partial refolding of a cellulase from the SDS-denatured state: From β -sheet to α -helix and back. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129434.	1.1	18
18	The interactome of stabilized α -synuclein oligomers and neuronal proteins. <i>FEBS Journal</i> , 2020, 287, 2037-2054.	2.2	9

#	ARTICLE	IF	CITATIONS
19	Plasmin inhibition by bacterial serpin: Implications in gum disease. <i>FASEB Journal</i> , 2020, 34, 619-630.	0.2	12
20	Transport of a Peptide from Bovine κ -Casein across Models of the Intestinal and Blood-Brain Barriers. <i>Nutrients</i> , 2020, 12, 3157.	1.7	8
21	κ -2-Macroglobulin-like protein 1 can conjugate and inhibit proteases through their hydroxyl groups, because of an enhanced reactivity of its thiol ester. <i>Journal of Biological Chemistry</i> , 2020, 295, 16732-16742.	1.6	6
22	STEEP mediates STING ER exit and activation of signaling. <i>Nature Immunology</i> , 2020, 21, 868-879.	7.0	82
23	Tracing the <i>In Vivo</i> Fate of Nanoparticles with a "Non-Self" Biological Identity. <i>ACS Nano</i> , 2020, 14, 10666-10679.	7.3	12
24	Biochemical mechanisms of aggregation in TGFBI-linked corneal dystrophies. <i>Progress in Retinal and Eye Research</i> , 2020, 77, 100843.	7.3	48
25	Protein Composition of the Subretinal Fluid Suggests Selective Diffusion of Vitreous Proteins in Retinal Detachment. <i>Translational Vision Science and Technology</i> , 2020, 9, 16.	1.1	9
26	Modulation of Small RNA Signatures in Schwann-Cell-Derived Extracellular Vesicles by the p75 Neurotrophin Receptor and Sortilin. <i>Biomedicines</i> , 2020, 8, 450.	1.4	14
27	Mapping and identification of soft corona proteins at nanoparticles and their impact on cellular association. <i>Nature Communications</i> , 2020, 11, 4535.	5.8	122
28	Structural and functional insights into oligopeptide acquisition by the RagAB transporter from <i>Porphyromonas gingivalis</i> . <i>Nature Microbiology</i> , 2020, 5, 1016-1025.	5.9	46
29	Inter- α -inhibitor heavy chain-1 has an integrin-like 3D structure mediating immune regulatory activities and matrix stabilization during ovulation. <i>Journal of Biological Chemistry</i> , 2020, 295, 5278-5291.	1.6	18
30	Kallikrein-Related Peptidase 14 Activates Zymogens of Membrane Type Matrix Metalloproteinases (MT-MMPs) - A CleavEx Based Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4383.	1.8	5
31	Protein Analysis of the TGFBI ^{R124H} Mouse Model Gives Insight into Phenotype Development of Granular Corneal Dystrophy. <i>Proteomics - Clinical Applications</i> , 2020, 14, e1900072.	0.8	2
32	FAM20C phosphorylation of the RGDSVYGLR motif in osteopontin inhibits interaction with the α ₂ β 3 integrin. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4809-4818.	1.2	12
33	Apolipoprotein E Triggers Complement Activation in Joint Synovial Fluid of Rheumatoid Arthritis Patients by Binding C1q. <i>Journal of Immunology</i> , 2020, 204, 2779-2790.	0.4	20
34	Substituting the Thiol Ester of Human A2M or C3 with a Disulfide Produces Native Proteins with Altered Proteolysis-Induced Conformational Changes. <i>Biochemistry</i> , 2020, 59, 4799-4809.	1.2	6
35	Matrix-degrading protease ADAMTS-5 cleaves inter- α -inhibitor and releases active heavy chain 2 in synovial fluids from arthritic patients. <i>Journal of Biological Chemistry</i> , 2019, 294, 15495-15504.	1.6	10
36	Proteolytic processing and activation of gingipain zymogens secreted by T9SS of <i>Porphyromonas gingivalis</i> . <i>Biochimie</i> , 2019, 166, 161-172.	1.3	14

#	ARTICLE	IF	CITATIONS
37	Sortilin gates neurotensin and BDNF signaling to control peripheral neuropathic pain. <i>Science Advances</i> , 2019, 5, eaav9946.	4.7	35
38	The serine protease HtrA1 cleaves misfolded transforming growth factor β -induced protein (TGFBIp) and induces amyloid formation. <i>Journal of Biological Chemistry</i> , 2019, 294, 11817-11828.	1.6	11
39	<i>Staphylococcus saccharolyticus</i> Isolated From Blood Cultures and Prosthetic Joint Infections Exhibits Excessive Genome Decay. <i>Frontiers in Microbiology</i> , 2019, 10, 478.	1.5	12
40	Conservation of the Amyloid Interactome Across Diverse Fibrillar Structures. <i>Scientific Reports</i> , 2019, 9, 3863.	1.6	13
41	Imperfect repeats in the functional amyloid protein FapC reduce the tendency to fragment during fibrillation. <i>Protein Science</i> , 2019, 28, 633-642.	3.1	36
42	Frequently used bioinformatics tools overestimate the damaging effect of allelic variants. <i>Genes and Immunity</i> , 2019, 20, 10-22.	2.2	12
43	A Novel Biological Role for Peptidyl-Arginine Deiminases: Citrullination of Cathelicidin LL-37 Controls the Immunostimulatory Potential of Cell-Free DNA. <i>Journal of Immunology</i> , 2018, 200, 2327-2340.	0.4	27
44	Proteomic profiling of <i>TGFBI</i> null mouse corneas reveals only minor changes in matrix composition supportive of <i>TGFBI</i> knockdown as therapy against linked corneal dystrophies. <i>FEBS Journal</i> , 2018, 285, 101-114.	2.2	24
45	A Screening Method for the Isolation of Bacteria Capable of Degrading Toxic Steroidal Glycoalkaloids Present in Potato. <i>Frontiers in Microbiology</i> , 2018, 9, 2648.	1.5	21
46	β -Synucleins from Animal Species Show Low Fibrillation Propensities and Weak Oligomer Membrane Disruption. <i>Biochemistry</i> , 2018, 57, 5145-5158.	1.2	15
47	Small-Molecule Probes for Affinity-Guided Introduction of Biocompatible Handles on Metal-Binding Proteins. <i>Bioconjugate Chemistry</i> , 2018, 29, 3016-3025.	1.8	16
48	Serum Amyloid P Component (SAP) Interactome in Human Plasma Containing Physiological Calcium Levels. <i>Biochemistry</i> , 2017, 56, 896-902.	1.2	14
49	Female versus male biological identities of nanoparticles determine the interaction with immune cells in fish. <i>Environmental Science: Nano</i> , 2017, 4, 895-906.	2.2	31
50	Reactive Center Loop Insertion in β -1-Antitrypsin Captured by Accelerated Molecular Dynamics Simulation. <i>Biochemistry</i> , 2017, 56, 634-646.	1.2	20
51	Mirolysin, a LysargiNase from <i>Tannerella forsythia</i> , proteolytically inactivates the human cathelicidin, LL-37. <i>Biological Chemistry</i> , 2017, 398, 395-409.	1.2	18
52	Human Lysozyme Peptidase Resistance Is Perturbed by the Anionic Glycolipid Biosurfactant Rhamnolipid Produced by the Opportunistic Pathogen <i>Pseudomonas aeruginosa</i> . <i>Biochemistry</i> , 2017, 56, 260-270.	1.2	6
53	Structural and Functional Implications of Human Transforming Growth Factor β -Induced Protein, TGFBIp, in Corneal Dystrophies. <i>Structure</i> , 2017, 25, 1740-1750.e2.	1.6	24
54	Transcriptome analysis of the response of Burmese python to digestion. <i>GigaScience</i> , 2017, 6, 1-18.	3.3	17

#	ARTICLE	IF	CITATIONS
55	Characterisation of protein families in spider digestive fluids and their role in extra-oral digestion. <i>BMC Genomics</i> , 2017, 18, 600.	1.2	39
56	Activation of Complement by Pigment Epithelium-Derived Factor in Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2017, 199, 1113-1121.	0.4	4
57	Analysis of Factor D Isoforms in Malpuech-Michels-Mingarelli-Carnevale Patients Highlights the Role of MASP-3 as a Maturase in the Alternative Pathway of Complement. <i>Journal of Immunology</i> , 2017, 199, 2158-2170.	0.4	43
58	Critical Influence of Cosolutes and Surfaces on the Assembly of Serpin-Derived Amyloid Fibrils. <i>Biophysical Journal</i> , 2017, 113, 580-596.	0.2	20
59	Mutation-Induced Deamidation of Corneal Dystrophy-Related Transforming Growth Factor β -Induced Protein. <i>Biochemistry</i> , 2017, 56, 6470-6480.	1.2	4
60	Ant-egg-cataract revisited. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 119-125.	1.0	1
61	An Aberrant Phosphorylation of Amyloid Precursor Protein Tyrosine Regulates Its Trafficking and the Binding to the Clathrin Endocytic Complex in Neural Stem Cells of Alzheimer's Disease Patients. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 59.	1.4	28
62	Extracellular superoxide dismutase is present in secretory vesicles of human neutrophils and released upon stimulation. <i>Free Radical Biology and Medicine</i> , 2016, 97, 478-488.	1.3	29
63	Detection of proteolytic signatures for Parkinson's disease. <i>Future Neurology</i> , 2016, 11, 15-32.	0.9	0
64	LASIK surgery of granular corneal dystrophy type 2 patients leads to accumulation and differential proteolytic processing of transforming growth factor β -induced protein (TGFB β). <i>Proteomics</i> , 2016, 16, 539-543.	1.3	20
65	Combinatorial Biomolecular Nanopatterning for High-Throughput Screening of Stem Cell Behavior. <i>Advanced Materials</i> , 2016, 28, 1472-1476.	11.1	17
66	The outer-membrane export signal of <i>Porphyromonas gingivalis</i> type IX secretion system (T9SS) is a conserved C-terminal β -sandwich domain. <i>Scientific Reports</i> , 2016, 6, 23123.	1.6	52
67	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
68	Disulfide Bond Pattern of Transforming Growth Factor β -Induced Protein. <i>Biochemistry</i> , 2016, 55, 5610-5621.	1.2	10
69	How Glycosaminoglycans Promote Fibrillation of Salmon Calcitonin. <i>Journal of Biological Chemistry</i> , 2016, 291, 16849-16862.	1.6	15
70	Dynamic protein coronas revealed as a modulator of silver nanoparticle sulphidation in vitro. <i>Nature Communications</i> , 2016, 7, 11770.	5.8	136
71	Structural and functional probing of PorZ, an essential bacterial surface component of the type-IX secretion system of human oral-microbiomic <i>Porphyromonas gingivalis</i> . <i>Scientific Reports</i> , 2016, 6, 37708.	1.6	58
72	Keratin 12 missense mutation induces the unfolded protein response and apoptosis in Meesmann epithelial corneal dystrophy. <i>Human Molecular Genetics</i> , 2016, 25, 1176-1191.	1.4	22

#	ARTICLE	IF	CITATIONS
73	Enzymatic and Structural Characterization of the Major Endopeptidase in the Venus Flytrap Digestion Fluid. <i>Journal of Biological Chemistry</i> , 2016, 291, 2271-2287.	1.6	16
74	Carbamylated LL-37 as a modulator of the immune response. <i>Innate Immunity</i> , 2016, 22, 218-229.	1.1	32
75	Antagonism between <i>Staphylococcus epidermidis</i> and <i>Propionibacterium acnes</i> and its genomic basis. <i>BMC Genomics</i> , 2016, 17, 152.	1.2	131
76	Transglutaminase 2-Catalyzed Intramolecular Cross-Linking of Osteopontin. <i>Biochemistry</i> , 2016, 55, 294-303.	1.2	14
77	The Compact and Biologically Relevant Structure of Inter- β -inhibitor Is Maintained by the Chondroitin Sulfate Chain and Divalent Cations. <i>Journal of Biological Chemistry</i> , 2016, 291, 4658-4670.	1.6	7
78	The spider hemolymph clot proteome reveals high concentrations of hemocyanin and von Willebrand factor-like proteins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 233-241.	1.1	24
79	Near-complete ^1H , ^{13}C , ^{15}N resonance assignments of dimethylsulfoxide-denatured TGFBIp FAS1-4 A546T. <i>Biomolecular NMR Assignments</i> , 2016, 10, 25-29.	0.4	2
80	SILAC-MS Based Characterization of LPS and Resveratrol Induced Changes in Adipocyte Proteomics – Resveratrol as Ameliorating Factor on LPS Induced Changes. <i>PLoS ONE</i> , 2016, 11, e0159747.	1.1	17
81	Hepatocytes respond differently to major dietary trans fatty acid isomers, elaidic acid and trans-vaccenic acid. <i>Proteome Science</i> , 2015, 13, 31.	0.7	16
82	Protein Composition of TGFBI-R124C- and TGFBI-R555W- Associated Aggregates Suggests Multiple Mechanisms Leading to Lattice and Granular Corneal Dystrophy. , 2015, 56, 4653.		28
83	New Insights to Clathrin and Adaptor Protein 2 for the Design and Development of Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2015, 16, 29446-29453.	1.8	21
84	KLIKK proteases of <i>Tannerella forsythia</i> : putative virulence factors with a unique domain structure. <i>Frontiers in Microbiology</i> , 2015, 6, 312.	1.5	40
85	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
86	Metal Ion-dependent Heavy Chain Transfer Activity of TSG-6 Mediates Assembly of the Cumulus-Oocyte Matrix. <i>Journal of Biological Chemistry</i> , 2015, 290, 28708-28723.	1.6	46
87	Characterization of the gila monster (<i>Heloderma suspectum suspectum</i>) venom proteome. <i>Journal of Proteomics</i> , 2015, 117, 1-11.	1.2	25
88	The effects of hypochlorous acid and neutrophil proteases on the structure and function of extracellular superoxide dismutase. <i>Free Radical Biology and Medicine</i> , 2015, 81, 38-46.	1.3	10
89	Miropin, a Novel Bacterial Serpin from the Periodontopathogen <i>Tannerella forsythia</i> , Inhibits a Broad Range of Proteases by Using Different Peptide Bonds within the Reactive Center Loop. <i>Journal of Biological Chemistry</i> , 2015, 290, 658-670.	1.6	42
90	The amido-pentadienoate-functionality of the rakicidins is a thiol reactive electrophile – development of a general synthetic strategy. <i>Chemical Communications</i> , 2015, 51, 12427-12430.	2.2	22

#	ARTICLE	IF	CITATIONS
91	ADAM10 controls collagen signaling and cell migration on collagen by shedding the ectodomain of discoidin domain receptor 1 (DDR1). <i>Molecular Biology of the Cell</i> , 2015, 26, 659-673.	0.9	41
92	Optimized co-solute paramagnetic relaxation enhancement for the rapid NMR analysis of a highly fibrillogenic peptide. <i>Journal of Biomolecular NMR</i> , 2015, 62, 129-142.	1.6	26
93	Fibril Core of Transforming Growth Factor Beta-Induced Protein (TGFBIp) Facilitates Aggregation of Corneal TGFBIp. <i>Biochemistry</i> , 2015, 54, 2943-2956.	1.2	19
94	Calcium Regulates the Activity and Structural Stability of Tpr, a Bacterial Calpain-like Peptidase. <i>Journal of Biological Chemistry</i> , 2015, 290, 27248-27260.	1.6	11
95	Early Events in the Amyloid Formation of the A546T Mutant of Transforming Growth Factor β^2 -Induced Protein in Corneal Dystrophies Compared to the Nonfibrillating R555W and R555Q Mutants. <i>Biochemistry</i> , 2015, 54, 5546-5556.	1.2	6
96	Characterization of the gila monster (<i>Heloderma suspectum suspectum</i>) venom proteome. <i>Data in Brief</i> , 2015, 3, 137-142.	0.5	12
97	Clearance Kinetics and Matrix Binding Partners of the Receptor for Advanced Glycation End Products. <i>PLoS ONE</i> , 2014, 9, e88259.	1.1	16
98	Insight into the Protein Composition of Immunoglobulin Light Chain Deposits of Eyelid, Orbital and Conjunctival Amyloidosis. <i>Journal of Proteomics and Bioinformatics</i> , 2014, s8, .	0.4	7
99	Comparison of two phenotypically distinct lattice corneal dystrophies caused by mutations in the transforming growth factor beta induced (<i>TGFB</i>) gene. <i>Proteomics - Clinical Applications</i> , 2014, 8, 168-177.	0.8	24
100	Proteomics and the Eye. <i>Proteomics - Clinical Applications</i> , 2014, 8, 127-129.	0.8	5
101	Peptidyl Arginine Deiminase from <i>Porphyromonas gingivalis</i> Abolishes Anaphylatoxin C5a Activity. <i>Journal of Biological Chemistry</i> , 2014, 289, 32481-32487.	1.6	83
102	Proteome reference maps of the <i>Lotus japonicus</i> nodule and root. <i>Proteomics</i> , 2014, 14, 230-240.	1.3	21
103	Spider genomes provide insight into composition and evolution of venom and silk. <i>Nature Communications</i> , 2014, 5, 3765.	5.8	235
104	Incorporation of Pentraxin 3 into Hyaluronan Matrices Is Tightly Regulated and Promotes Matrix Cross-linking. <i>Journal of Biological Chemistry</i> , 2014, 289, 30481-30498.	1.6	67
105	The Autolysis of Human HtrA1 Is Governed by the Redox State of Its N-Terminal Domain. <i>Biochemistry</i> , 2014, 53, 3851-3857.	1.2	19
106	Proteomics of Fuchs's Endothelial Corneal Dystrophy Support That the Extracellular Matrix of Descemet's Membrane Is Disordered. <i>Journal of Proteome Research</i> , 2014, 13, 4659-4667.	1.8	36
107	Template-directed covalent conjugation of DNA to native antibodies, transferrin and other metal-binding proteins. <i>Nature Chemistry</i> , 2014, 6, 804-809.	6.6	152
108	Carbamylation of immunoglobulin abrogates activation of the classical complement pathway. <i>European Journal of Immunology</i> , 2014, 44, 3403-3412.	1.6	23

#	ARTICLE	IF	CITATIONS
109	A Common Polymorphism in Extracellular Superoxide Dismutase Affects Cardiopulmonary Disease Risk by Altering Protein Distribution. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 659-666.	5.1	31
110	Unconditioned commercial embryo culture media contain a large variety of non-declared proteins: a comprehensive proteomics analysis. <i>Human Reproduction</i> , 2014, 29, 2421-2430.	0.4	63
111	Coagulation Factor XIIIa Substrates in Human Plasma. <i>Journal of Biological Chemistry</i> , 2014, 289, 6526-6534.	1.6	55
112	The Role of Stable β -Synuclein Oligomers in the Molecular Events Underlying Amyloid Formation. <i>Journal of the American Chemical Society</i> , 2014, 136, 3859-3868.	6.6	218
113	Preparation of uniformly ^{13}C , ^{15}N -labeled recombinant human amylin for solid-state NMR investigation. <i>Protein Expression and Purification</i> , 2014, 99, 119-130.	0.6	7
114	Secreted major Venus flytrap chitinase enables digestion of Arthropod prey. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 374-383.	1.1	33
115	Distal Renal Tubules Are Deficient in Aggresome Formation and Autophagy upon Aldosterone Administration. <i>PLoS ONE</i> , 2014, 9, e101258.	1.1	8
116	Proteome Analysis of Human Sebaceous Follicle Infundibula Extracted from Healthy and Acne-Affected Skin. <i>PLoS ONE</i> , 2014, 9, e107908.	1.1	50
117	Identification of Transglutaminase Reactive Residues in Human Osteopontin and Their Role in Polymerization. <i>PLoS ONE</i> , 2014, 9, e113650.	1.1	14
118	The Human Eye Proteome Project: Perspectives on an emerging proteome. <i>Proteomics</i> , 2013, 13, 2500-2511.	1.3	75
119	Species Differences Take Shape at Nanoparticles: Protein Corona Made of the Native Repertoire Assists Cellular Interaction. <i>Environmental Science & Technology</i> , 2013, 47, 14367-14375.	4.6	75
120	Mutation in transforming growth factor beta induced protein associated with granular corneal dystrophy type 1 reduces the proteolytic susceptibility through local structural stabilization. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2812-2822.	1.1	33
121	Monodisperse and LPS-free <i>Aggregatibacter actinomycetemcomitans</i> leukotoxin: Interactions with human β_2 integrins and erythrocytes. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 546-558.	1.1	30
122	Inhibition of gingipains by their profragments as the mechanism protecting <i>Porphyromonas gingivalis</i> against premature activation of secreted proteases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4218-4228.	1.1	21
123	Hydrogen peroxide induce modifications of human extracellular superoxide dismutase that results in enzyme inhibition. <i>Redox Biology</i> , 2013, 1, 24-31.	3.9	80
124	Off-pathway aggregation can inhibit fibrillation at high protein concentrations. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 677-687.	1.1	12
125	Murine Extracellular Superoxide Dismutase Is Converted into the Inactive Fold by the Ser195Cys Mutation. <i>Biochemistry</i> , 2013, 52, 3369-3375.	1.2	3
126	The Insoluble TGFBIp Fraction of the Cornea Is Covalently Linked via a Disulfide Bond to Type XII Collagen. <i>Biochemistry</i> , 2013, 52, 2821-2827.	1.2	21

#	ARTICLE	IF	CITATIONS
127	Inactivation of Epidermal Growth Factor by <i>Porphyromonas gingivalis</i> as a Potential Mechanism for Periodontal Tissue Damage. <i>Infection and Immunity</i> , 2013, 81, 55-64.	1.0	46
128	Investigations on Collectin Liver 1. <i>Journal of Biological Chemistry</i> , 2013, 288, 23407-23420.	1.6	69
129	Differential Regulation of Extracellular Tissue Inhibitor of Metalloproteinases-3 Levels by Cell Membrane-bound and Shed Low Density Lipoprotein Receptor-related Protein 1. <i>Journal of Biological Chemistry</i> , 2013, 288, 332-342.	1.6	64
130	Inter- α -inhibitor Impairs TSG-6-induced Hyaluronan Cross-linking. <i>Journal of Biological Chemistry</i> , 2013, 288, 29642-29653.	1.6	60
131	Aldosterone and angiotensin II induce protein aggregation in renal proximal tubules. <i>Physiological Reports</i> , 2013, 1, e00064.	0.7	11
132	Effects of Elaidic Acid on Lipid Metabolism in HepG2 Cells, Investigated by an Integrated Approach of Lipidomics, Transcriptomics and Proteomics. <i>PLoS ONE</i> , 2013, 8, e74283.	1.1	35
133	Ribosomal Protein L22 (RPL22) accumulates as aggregates in distal renal tubules after aldosterone administration. <i>FASEB Journal</i> , 2013, 27, 705.5.	0.2	0
134	Serine protease HtrA1 accumulates in corneal transforming growth factor beta induced protein (TGFBIp) amyloid deposits. <i>Molecular Vision</i> , 2013, 19, 861-76.	1.1	26
135	Vesicular signalling and immune modulation as hedonic fingerprints: proteomic profiling in the chronic mild stress depression model. <i>Journal of Psychopharmacology</i> , 2012, 26, 1569-1583.	2.0	24
136	Polymorphic Fibrillation of the Destabilized Fourth Fasciclin-1 Domain Mutant A546T of the Transforming Growth Factor- β -induced Protein (TGFBIp) Occurs through Multiple Pathways with Different Oligomeric Intermediates. <i>Journal of Biological Chemistry</i> , 2012, 287, 34730-34742.	1.6	21
137	Structural insights into triple-helical collagen cleavage by matrix metalloproteinase 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12461-12466.	3.3	185
138	Disruption of gingipain oligomerization into non-covalent cell-surface attached complexes. <i>Biological Chemistry</i> , 2012, 393, 971-977.	1.2	15
139	Unique Structural Features Facilitate Lizard Tail Autotomy. <i>PLoS ONE</i> , 2012, 7, e51803.	1.1	37
140	Human Complement C3 Is a Substrate for Transglutaminases. A Functional Link between Non-Protease-Based Members of the Coagulation and Complement Cascades. <i>Biochemistry</i> , 2012, 51, 4735-4742.	1.2	24
141	The Neuroendocrine Protein 7B2 Is Intrinsically Disordered. <i>Biochemistry</i> , 2012, 51, 7456-7464.	1.2	8
142	Synthesis and Evaluation of Silanediols as Highly Selective Uncompetitive Inhibitors of Human Neutrophil Elastase. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7900-7908.	2.9	29
143	Human Cornea Proteome: Identification and Quantitation of the Proteins of the Three Main Layers Including Epithelium, Stroma, and Endothelium. <i>Journal of Proteome Research</i> , 2012, 11, 4231-4239.	1.8	92
144	Composition and proteolytic processing of corneal deposits associated with mutations in the TGFBI gene. <i>Experimental Eye Research</i> , 2012, 96, 163-170.	1.2	50

#	ARTICLE	IF	CITATIONS
145	<sc>MS D</sc>ata <sc>M</sc>iner: A web-based software tool to analyze, compare, and share mass spectrometry protein identifications. <i>Proteomics</i> , 2012, 12, 2792-2796.	1.3	45
146	The Protein Composition of the Digestive Fluid from the Venus Flytrap Sheds Light on Prey Digestion Mechanisms. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1306-1319.	2.5	83
147	The C-terminal proteolytic processing of extracellular superoxide dismutase is redox regulated. <i>Free Radical Biology and Medicine</i> , 2012, 52, 191-197.	1.3	15
148	Identification of a potential biomarker panel for the intake of the common dietary trans fat elaidic acid (trans-9-C18:1). <i>Journal of Proteomics</i> , 2012, 75, 2685-2696.	1.2	7
149	Human inter- α -inhibitor is a substrate for factor XIIIa and tissue transglutaminase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 1624-1630.	1.1	10
150	Lack of the Receptor for Advanced Glycation End-Products Attenuates E. coli Pneumonia in Mice. <i>PLoS ONE</i> , 2011, 6, e20132.	1.1	47
151	The role of higher-order protein structure in supporting binding by heteroclitic monoclonal antibodies: The monoclonal antibody KIM185 to CD18 also binds C4-binding protein. <i>Molecular Immunology</i> , 2011, 49, 38-47.	1.0	4
152	Hydrogen exchange mass spectrometry as an analytical tool for the analysis of amyloid fibrillogenesis. <i>International Journal of Mass Spectrometry</i> , 2011, 302, 167-173.	0.7	6
153	Human Phenotypically Distinct TGFBI Corneal Dystrophies Are Linked to the Stability of the Fourth FAS1 Domain of TGFBIp. <i>Journal of Biological Chemistry</i> , 2011, 286, 4951-4958.	1.6	55
154	Inhibition of Staphylococcus aureus cysteine proteases by human serpin potentially limits staphylococcal virulence. <i>Biological Chemistry</i> , 2011, 392, 483-9.	1.2	27
155	Reactive-site mutants of N-TIMP-3 that selectively inhibit ADAMTS-4 and ADAMTS-5: biological and structural implications. <i>Biochemical Journal</i> , 2010, 431, 113-122.	1.7	59
156	The concentration of extracellular superoxide dismutase in plasma is maintained by LRP-mediated endocytosis. <i>Free Radical Biology and Medicine</i> , 2010, 49, 894-899.	1.3	18
157	Divorcing folding from function: How acylation affects the membrane-perturbing properties of an antimicrobial peptide. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 806-820.	1.1	21
158	Evolutionary conservation of heavy chain protein transfer between glycosaminoglycans. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 1011-1019.	1.1	13
159	Functional amyloid in <i>Pseudomonas</i> . <i>Molecular Microbiology</i> , 2010, 77, 1009-1020.	1.2	256
160	The Role of the Receptor for Advanced Glycation End-Products in a Murine Model of Silicosis. <i>PLoS ONE</i> , 2010, 5, e9604.	1.1	32
161	The TSG-6/HC2-mediated Transfer Is a Dynamic Process Shuffling Heavy Chains between Glycosaminoglycans. <i>Journal of Biological Chemistry</i> , 2010, 285, 21988-21993.	1.6	18
162	A novel matrix metalloprotease-like enzyme (karilysin) of the periodontal pathogen <i>Tannerella forsythia</i> ATCC 43037. <i>Biological Chemistry</i> , 2010, 391, 105-17.	1.2	60

#	ARTICLE	IF	CITATIONS
163	Flexibility of the Thrombin-activatable Fibrinolysis Inhibitor Pro-domain Enables Productive Binding of Protein Substrates. <i>Journal of Biological Chemistry</i> , 2010, 285, 38243-38250.	1.6	8
164	Differential expression and processing of transforming growth factor beta induced protein (TGFB1p) in the normal human cornea during postnatal development and aging. <i>Experimental Eye Research</i> , 2010, 90, 57-62.	1.2	33
165	NMR Reveals Two-Step Association of Congo Red to Amyloid β^2 in Low-Molecular-Weight Aggregates. <i>Journal of Physical Chemistry B</i> , 2010, 114, 16003-16010.	1.2	27
166	Integrative Analysis of Epigenetic Modulation in Melanoma Cell Response to Decitabine: Clinical Implications. <i>PLoS ONE</i> , 2009, 4, e4563.	1.1	56
167	A New Pathway of Staphylococcal Pathogenesis: Apoptosis-Like Death Induced by Staphopain B in Human Neutrophils and Monocytes. <i>Journal of Innate Immunity</i> , 2009, 1, 98-108.	1.8	59
168	Transfer of Inter- β -inhibitor Heavy Chains to Hyaluronan by Surface-linked Hyaluronan-TSG-6 Complexes. <i>Journal of Biological Chemistry</i> , 2009, 284, 2320-2331.	1.6	21
169	The Proteome of Seed Development in the Model Legume <i>Lotus japonicus</i> . <i>Plant Physiology</i> , 2009, 149, 1325-1340.	2.3	76
170	Stable intermediates determine proteins' primary unfolding sites in the presence of surfactants. <i>Biopolymers</i> , 2009, 91, 221-231.	1.2	28
171	Purification, crystallization and preliminary X-ray diffraction of wild-type and mutant recombinant human transforming growth factor β^2 -induced protein (TGFB1p). <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 299-303.	0.7	13
172	Biochemical characterization of bovine plasma thrombin-activatable fibrinolysis inhibitor (TAFI).. <i>BMC Biochemistry</i> , 2009, 10, 13.	4.4	8
173	The C-terminal domains of ADAMTS-4 and ADAMTS-5 promote association with N-TIMP-3. <i>Matrix Biology</i> , 2009, 28, 463-469.	1.5	58
174	Structural and functional characterization of SplA, an exclusively specific protease of <i>Staphylococcus aureus</i> . <i>Biochemical Journal</i> , 2009, 419, 555-564.	1.7	38
175	Potential clinical importance of the activation peptide of prostate-specific antigen. <i>International Journal of Clinical and Experimental Pathology</i> , 2009, 2, 588-98.	0.5	0
176	Investigating the biomarker potential of glycoproteins using comparative glycoprofiling application to tissue inhibitor of metalloproteinases-1. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 455-463.	1.1	30
177	Enzymatic Activity of the <i>Staphylococcus aureus</i> SplB Serine Protease is Induced by Substrates Containing the Sequence Trp-Glu-Leu-Gln. <i>Journal of Molecular Biology</i> , 2008, 379, 343-356.	2.0	43
178	Structure of Activated Thrombin-Activatable Fibrinolysis Inhibitor, a Molecular Link between Coagulation and Fibrinolysis. <i>Molecular Cell</i> , 2008, 31, 598-606.	4.5	37
179	Large scale isolation and purification of soluble RAGE from lung tissue. <i>Protein Expression and Purification</i> , 2008, 61, 99-101.	0.6	10
180	Focus on molecules: Transforming growth factor beta induced protein (TGFB1p). <i>Experimental Eye Research</i> , 2008, 87, 298-299.	1.2	43

#	ARTICLE	IF	CITATIONS
181	Catalytic Properties of ADAM12 and Its Domain Deletion Mutants. <i>Biochemistry</i> , 2008, 47, 537-547.	1.2	59
182	The Folding of Human Active and Inactive Extracellular Superoxide Dismutases Is an Intracellular Event. <i>Journal of Biological Chemistry</i> , 2008, 283, 15031-15036.	1.6	20
183	TSG-6 Transfers Proteins between Glycosaminoglycans via a Ser28-mediated Covalent Catalytic Mechanism. <i>Journal of Biological Chemistry</i> , 2008, 283, 33919-33926.	1.6	23
184	A New Autocatalytic Activation Mechanism for Cysteine Proteases Revealed by <i>Prevotella intermedia</i> Interpain A. <i>Journal of Biological Chemistry</i> , 2008, 283, 2871-2882.	1.6	47
185	The Crystal Structure of Thrombin-activable Fibrinolysis Inhibitor (TAFI) Provides the Structural Basis for Its Intrinsic Activity and the Short Half-life of TAFI α . <i>Journal of Biological Chemistry</i> , 2008, 283, 29416-29423.	1.6	31
186	The Transfer of Heavy Chains from Bikunin Proteins to Hyaluronan Requires Both TSG-6 and HC2. <i>Journal of Biological Chemistry</i> , 2008, 283, 18530-18537.	1.6	33
187	Atypical asymmetric lattice corneal dystrophy associated with a novel homozygous mutation (Val624Met) in the TGFBI gene. <i>Molecular Vision</i> , 2008, 14, 495-9.	1.1	13
188	Thrombin-activable Fibrinolysis Inhibitor (TAFI) Zymogen Is an Active Carboxypeptidase. <i>Journal of Biological Chemistry</i> , 2007, 282, 3066-3076.	1.6	35
189	Heparin Binding Induces a Conformational Change in Pigment Epithelium-derived Factor. <i>Journal of Biological Chemistry</i> , 2007, 282, 6661-6667.	1.6	17
190	Proteolytic Activities of Human ADAMTS-5. <i>Journal of Biological Chemistry</i> , 2007, 282, 18294-18306.	1.6	225
191	Rapid and Individual-specific Glycoprofiling of the Low Abundance N-Glycosylated Protein Tissue Inhibitor of Metalloproteinases-1. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 638-647.	2.5	52
192	The Major Allergen from Birch Tree Pollen, Bet v 1, Binds and Permeabilizes Membranes. <i>Biochemistry</i> , 2007, 46, 3356-3365.	1.2	62
193	Optimal control based NCO and NCA experiments for spectral assignment in biological solid-state NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2007, 188, 216-230.	1.2	48
194	The subunit composition of human extracellular superoxide dismutase (EC-SOD) regulate enzymatic activity. <i>BMC Biochemistry</i> , 2007, 8, 19.	4.4	9
195	Developmental expression of the receptor for advanced glycation end-products (RAGE) and its response to hyperoxia in the neonatal rat lung. <i>BMC Developmental Biology</i> , 2007, 7, 15.	2.1	41
196	Proteomic Investigation of the Ventral Rat Hippocampus Links DRP-2 to Escitalopram Treatment Resistance and SNAP to Stress Resilience in the Chronic Mild Stress Model of Depression. <i>Journal of Molecular Neuroscience</i> , 2007, 32, 132-144.	1.1	93
197	Evidence against a blood derived origin for transforming growth factor beta induced protein in corneal disorders caused by mutations in the TGFBI gene. <i>Molecular Vision</i> , 2007, 13, 997-1004.	1.1	8
198	Evidence for a Two-Step Mechanism Involved in the Formation of Covalent HCA-TSG-6 Complexes. <i>Biochemistry</i> , 2006, 45, 7661-7668.	1.2	29

#	ARTICLE	IF	CITATIONS
199	Post-translational Modifications of Human Thrombin-Activatable Fibrinolysis Inhibitor (TAFI): Evidence for a Large Shift in the Isoelectric Point and Reduced Solubility upon Activation. <i>Biochemistry</i> , 2006, 45, 1525-1535.	1.2	29
200	Extracellular superoxide dismutase exists as an octamer. <i>FEBS Letters</i> , 2006, 580, 1485-1489.	1.3	18
201	EC-SOD inhibits PMN Chemotaxis by Preventing Oxidative Fragmentation of Collagen. <i>FASEB Journal</i> , 2006, 20, A1161.	0.2	0
202	The human cornea proteome: bioinformatic analyses indicate import of plasma proteins into the cornea. <i>Molecular Vision</i> , 2006, 12, 451-60.	1.1	13
203	The high concentration of Arg213-Gly extracellular superoxide dismutase (EC-SOD) in plasma is caused by a reduction of both heparin and collagen affinities. <i>Biochemical Journal</i> , 2005, 385, 427-432.	1.7	40
204	A Dataset of Human Cornea Proteins Identified by Peptide Mass Fingerprinting and Tandem Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 1406-1408.	2.5	34
205	Desmosome Signaling. <i>Journal of Biological Chemistry</i> , 2005, 280, 23778-23784.	1.6	220
206	The TSG-6 and β 1 Interaction Promotes a Transesterification Cleaving the Protein-Glycosaminoglycan-Protein (PGP) Cross-link. <i>Journal of Biological Chemistry</i> , 2005, 280, 11936-11942.	1.6	46
207	Extracellular superoxide dismutase: structural and functional considerations of a protein shaped by two different disulfide bridge patterns. <i>Biomedicine and Pharmacotherapy</i> , 2005, 59, 175-182.	2.5	24
208	Regulation of Insulin-Like Growth Factor (IGF)-I Action by Matrix Metalloproteinase-3 Involves Selective Disruption of IGF-I/IGF-Binding Protein-3 Complexes. <i>Endocrinology</i> , 2004, 145, 620-626.	1.4	60
209	The Intracellular Proteolytic Processing of Extracellular Superoxide Dismutase (EC-SOD) is a Two-step Event. <i>Journal of Biological Chemistry</i> , 2004, 279, 22152-22157.	1.6	45
210	Extracellular Superoxide Dismutase (EC-SOD) Binds to Type I Collagen and Protects Against Oxidative Fragmentation. <i>Journal of Biological Chemistry</i> , 2004, 279, 13705-13710.	1.6	153
211	Proteomic Analysis of the Soluble Fraction from Human Corneal Fibroblasts with Reference to Ocular Transparency. <i>Molecular and Cellular Proteomics</i> , 2004, 3, 660-674.	2.5	33
212	Altered Proteolytic Activities of ADAMTS-4 Expressed by C-terminal Processing. <i>Journal of Biological Chemistry</i> , 2004, 279, 10109-10119.	1.6	187
213	Purification and Characterization of Mouse Soluble Receptor for Advanced Glycation End Products (sRAGE). <i>Journal of Biological Chemistry</i> , 2004, 279, 50019-50024.	1.6	190
214	Proteomic analysis of hyperoxia-induced responses in the human choriocarcinoma cell line JEG-3. <i>Proteomics</i> , 2004, 4, 861-867.	1.3	40
215	The Structure of Rabbit Extracellular Superoxide Dismutase Differs from the Human Protein. <i>Biochemistry</i> , 2004, 43, 14275-14281.	1.2	18
216	Purification and Structural Characterization of Transforming Growth Factor Beta Induced Protein (TGFB β) from Porcine and Human Corneas. <i>Biochemistry</i> , 2004, 43, 16374-16384.	1.2	42

#	ARTICLE	IF	CITATIONS
217	Proteomic analysis of pulmonary edema fluid and plasma in patients with acute lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L1095-L1104.	1.3	91
218	Enhanced bleomycin-induced pulmonary damage in mice lacking extracellular superoxide dismutase. Free Radical Biology and Medicine, 2003, 35, 763-771.	1.3	111
219	The dual nature of human extracellular superoxide dismutase: One sequence and two structures. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13875-13880.	3.3	62
220	Pigment-epithelium-derived factor (PEDF) occurs at a physiologically relevant concentration in human blood: purification and characterization. Biochemical Journal, 2003, 374, 199-206.	1.7	136
221	Transforming growth factor beta induced protein accumulation in granular corneal dystrophy type III (Reis-BÄ¼cklers dystrophy). Identification by mass spectrometry in 15 year old two-dimensional protein gels. Molecular Vision, 2003, 9, 355-9.	1.1	13
222	Regulation of receptor for advanced glycation end products during bleomycin-induced lung injury. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, S77-81.	1.4	38
223	Furin Proteolytically Processes the Heparin-binding Region of Extracellular Superoxide Dismutase. Journal of Biological Chemistry, 2002, 277, 16505-16511.	1.6	57
224	Calbindin D28k Exhibits Properties Characteristic of a Ca ²⁺ Sensor. Journal of Biological Chemistry, 2002, 277, 16662-16672.	1.6	113
225	Structural and functional characterization of tissue factor pathway inhibitor following degradation by matrix metalloproteinase-8. Biochemical Journal, 2002, 367, 451-458.	1.7	38
226	Effects of metalloporphyrin catalytic antioxidants in experimental brain ischemia. Free Radical Biology and Medicine, 2002, 33, 947-961.	1.3	96
227	A catalytic antioxidant (AEOL 10150) attenuates expression of inflammatory genes in stroke. Free Radical Biology and Medicine, 2002, 33, 1141-1152.	1.3	50
228	New member of the trefoil factor family of proteins is an Î± ₂ -macroglobulin protease inhibitor. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2002, 1598, 131-139.	1.1	5
229	Covalent complexes of antigen and Î± ₂ -macroglobulin: evidence for dramatically-increased immunogenicity. Vaccine, 2001, 20, 554-562.	1.7	17
230	Altered expression of extracellular superoxide dismutase in mouse lung after bleomycin treatment. Free Radical Biology and Medicine, 2001, 31, 1198-1207.	1.3	67
231	Secretion of extracellular superoxide dismutase in neonatal lungs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 279, L977-L984.	1.3	53
232	Purification and Characterization of Extracellular Superoxide Dismutase in Mouse Lung. Biochemical and Biophysical Research Communications, 2000, 275, 542-548.	1.0	58
233	The Heparin-binding Domain of Extracellular Superoxide Dismutase Is Proteolytically Processed Intracellularly during Biosynthesis. Journal of Biological Chemistry, 1999, 274, 14818-14822.	1.6	90
234	Histologie Distribution and Biochemical Properties of Î± ₂ -Microglobulin in Human Placenta. American Journal of Reproductive Immunology, 1999, 41, 52-60.	1.2	25

#	ARTICLE	IF	CITATIONS
235	Organization of the Inter- α -Inhibitor Heavy Chains on the Chondroitin Sulfate Originating from Ser10 of Bikunin: Posttranslational Modification of α -1-Derived Bikunin. <i>Biochemistry</i> , 1999, 38, 11804-11813.	1.2	75
236	Angiostatin inhibits endothelial and melanoma cellular invasion by blocking matrix-enhanced plasminogen activation. <i>Biochemical Journal</i> , 1999, 340, 77-84.	1.7	101
237	Autocrine regulation of growth stimulation in human epithelial ovarian carcinoma by serine-proteinase-catalysed release of the urinary-type-plasminogen-activator N-terminal fragment. <i>Biochemical Journal</i> , 1999, 341, 765-769.	1.7	15
238	Angiostatin inhibits endothelial and melanoma cellular invasion by blocking matrix-enhanced plasminogen activation. <i>Biochemical Journal</i> , 1999, 340, 77.	1.7	50
239	Autocrine regulation of growth stimulation in human epithelial ovarian carcinoma by serine-proteinase-catalysed release of the urinary-type-plasminogen-activator N-terminal fragment. <i>Biochemical Journal</i> , 1999, 341, 765.	1.7	7
240	α -1-Microglobulin chromophores are located to three lysine residues semiburied in the lipocalin pocket and associated with a novel lipophilic compound. <i>Protein Science</i> , 1999, 8, 2611-2620.	3.1	38
241	Preparation and electron paramagnetic resonance characterization of spin labeled monoderivatives of horse cytochrome c. <i>BBA - Proteins and Proteomics</i> , 1998, 1386, 50-58.	2.1	5
242	Posttranslational Modifications of Human Inter- α -Inhibitor: Identification of Glycans and Disulfide Bridges in Heavy Chains 1 and 2. <i>Biochemistry</i> , 1998, 37, 408-416.	1.2	25
243	α -1-Microglobulin Is Found Both in Blood and in Most Tissues. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 887-893.	1.3	40
244	Comparative Properties of Two Cysteine Proteinases (Gingipains R), the Products of Two Related but Individual Genes of <i>Porphyromonas gingivalis</i> . <i>Journal of Biological Chemistry</i> , 1998, 273, 21648-21657.	1.6	155
245	Human Procarboxypeptidase U, or Thrombin-activable Fibrinolysis Inhibitor, Is a Substrate for Transglutaminases. <i>Journal of Biological Chemistry</i> , 1998, 273, 27220-27224.	1.6	102
246	Evidence for a Novel O-Linked Sialylated Trisaccharide on Ser-248 of Human Plasminogen 2. <i>Journal of Biological Chemistry</i> , 1997, 272, 7408-7411.	1.6	36
247	Mouse Extracellular Superoxide Dismutase: Primary Structure, Tissue-specific Gene Expression, Chromosomal Localization, and Lung <i>In Situ</i> Hybridization. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1997, 17, 393-403.	1.4	139
248	Assignment of a single disulphide bridge in human α -2-antiplasmin: implications for the structural and functional properties. <i>Biochemical Journal</i> , 1997, 323, 847-852.	1.7	15
249	The Paradigm That All Oxygen-Respiring Eukaryotes Have Cytosolic CuZn-Superoxide Dismutase and That Mn-Superoxide Dismutase Is Localized to the Mitochondria Does Not Apply to a Large Group of Marine Arthropods. <i>Biochemistry</i> , 1997, 36, 13381-13388.	1.2	71
250	Prothrombin, Albumin and Immunoglobulin A form Covalent Complexes with α 1-Microglobulin in Human Plasma. <i>FEBS Journal</i> , 1997, 245, 676-683.	0.2	76
251	Hamster antithrombin III: Purification, characterization and acute phase response. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1996, 115, 135-141.	0.7	10
252	Human extracellular superoxide dismutase is a tetramer composed of two disulphide-linked dimers: a simplified, high-yield purification of extracellular superoxide dismutase. <i>Biochemical Journal</i> , 1996, 317, 51-57.	1.7	105

#	ARTICLE	IF	CITATIONS
253	Structural and functional analysis of the spontaneous re-formation of the thiol ester bond in human α_2 -macroglobulin, rat α_1 -inhibitor-3 and chemically modified derivatives. <i>Biochemical Journal</i> , 1996, 318, 539-545.	1.7	16
254	Huntingtin and DRPLA proteins selectively interact with the enzyme GAPDH. <i>Nature Medicine</i> , 1996, 2, 347-350.	15.2	429
255	Activated Human Plasma Carboxypeptidase B Is Retained in the Blood by Binding to α_2 -Macroglobulin and Pregnancy Zone Protein. <i>Journal of Biological Chemistry</i> , 1996, 271, 12937-12943.	1.6	36
256	Degradation of Interleukin 1β by Matrix Metalloproteinases. <i>Journal of Biological Chemistry</i> , 1996, 271, 14657-14660.	1.6	326
257	Biosynthesis of Bikunin Proteins in the Human Carcinoma Cell Line HepG2 and in Primary Human Hepatocytes. <i>Journal of Biological Chemistry</i> , 1995, 270, 18700-18709.	1.6	55
258	α_1 -Microglobulin Destroys the Proteinase Inhibitory Activity of α_1 -Inhibitor-3 by Complex Formation. <i>Journal of Biological Chemistry</i> , 1995, 270, 4478-4483.	1.6	11
259	Sodium Dodecyl Sulfate-stable Complexes between Serpins and Active or Inactive Proteinases Contain the Region COOH-terminal to the Reactive Site Loop. <i>Journal of Biological Chemistry</i> , 1995, 270, 14859-14862.	1.6	27
260	Formation of the α_1 -microglobulin chromophore in mammalian and insect cells: a novel post-translational mechanism?. <i>FEBS Letters</i> , 1995, 362, 50-54.	1.3	36
261	The effect of residue 1106 on the thioester-mediated covalent binding reaction of human complement protein C4 and the monomeric rat α_2 -macroglobulin α_1 . <i>FEBS Letters</i> , 1995, 368, 87-91.	1.3	12
262	Protein Structure of Fetal Antigen 1 (FA1). A Novel Circulating Human Epidermal-Growth-Factor-Like Protein Expressed in Neuroendocrine Tumors and its Relation to the Gene Products of Dlk and pG2. <i>FEBS Journal</i> , 1994, 225, 83-92.	0.2	136
263	Establishment of two distinct protein domains in blue crab <i>Callinectes sapidus</i> metallothionein-I Resonance in Chemistry, 1993, 31, S96-S103.	1.1	11
264	Streptokinase and human fibronectin share a common epitope: implications for regulations of fibrinolysis and rheumatoid arthritis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1993, 1180, 283-288.	1.8	16
265	[7] α -Macroglobulins: Detection and characterization. <i>Methods in Enzymology</i> , 1993, 223, 121-141.	0.4	49
266	Expression of a functional α -macroglobulin receptor binding domain in <i>Escherichia coli</i> . <i>FEBS Letters</i> , 1992, 313, 198-202.	1.3	21
267	Conformation of the reactive site loop of α_1 -proteinase inhibitor probed by limited proteolysis. <i>Biochemistry</i> , 1992, 31, 2720-2728.	1.2	207
268	Bovine corneal protein 54K (BCP54) is a homologue of the tumor-associated (class 3) rat aldehyde dehydrogenase (RATALD). <i>Gene</i> , 1991, 98, 201-207.	1.0	55
269	Mechanism of insulin incorporation into α_2 -macroglobulin: implications for the study of peptide and growth factor binding. <i>Biochemistry</i> , 1991, 30, 1551-1560.	1.2	52
270	Analysis of the plasma elimination kinetics and conformational stabilities of native, proteinase-complexed and reactive site cleaved serpins: comparison of α_1 -proteinase inhibitor, α_1 -antichymotrypsin, antithrombin III, α_2 -antiplasmin, angiotensinogen, and ovalbumin. <i>Biochemistry</i> , 1991, 30, 1723-1730.	1.2	224

#	ARTICLE	IF	CITATIONS
271	Substrate specificities and activation mechanisms of matrix metalloproteinases. Biochemical Society Transactions, 1991, 19, 715-718.	1.6	169
272	Matrix metalloproteinase 2 from human rheumatoid synovial fibroblasts. Purification and activation of the precursor and enzymic properties. FEBS Journal, 1990, 194, 721-730.	0.2	386
273	An unusual specificity in the activation of neutrophil serine proteinase zymogens. Biochemistry, 1990, 29, 5304-5308.	1.2	91
274	Mechanisms of activation of tissue procollagenase by matrix metalloproteinase 3 (stromelysin). Biochemistry, 1990, 29, 10261-10270.	1.2	419
275	Stepwise activation mechanisms of the precursor of matrix metalloproteinase 3 (stromelysin) by proteinases and (4-aminophenyl)mercuric acetate. Biochemistry, 1990, 29, 5783-5789.	1.2	375
276	.alpha.-Macroglobulin from Limulus polyphemus exhibits proteinase inhibitory activity and participates in a hemolytic system. Biochemistry, 1990, 29, 10070-10080.	1.2	86
277	Polypeptide Chain Structure of Inter- α -Trypsin Inhibitor and Pre- α -Trypsin Inhibitor: Evidence for Chain Assembly by Glycan and Comparison with other α -Kunin-Containing Proteins. , 1990, , 79-91.		2
278	A conserved region in .alpha.-macroglobulins participates in binding to the mammalian .alpha.-macroglobulin receptor. Biochemistry, 1989, 28, 1406-1412.	1.2	71