

Jan J Enghild

List of Publications by Year in descending order

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278
papers

13,367
citations

23567

58
h-index

32842

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.	14.6	9
2	The low-density lipoprotein receptor-related protein 1 (LRP1) interactome in the human cornea. <i>Experimental Eye Research</i> , 2022, 219, 109081.	2.6	5
3	Structural Remodelling of the Carbon α -Phosphorus Enzymatic Machinery by a Dual ATP α -Binding Cassette Module. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
4	Cryo-EM structures of human A2M1 elucidate the protease-inhibitory mechanism of the A2M family. <i>Nature Communications</i> , 2022, 13, .	12.8	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.	3.4	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.	5.2	3
7	ITIH4 acts as a protease inhibitor by a novel inhibitory mechanism. <i>Science Advances</i> , 2021, 7, .	10.3	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, .	4.1	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.	2.9	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.	4.2	3
11	The last meal of Tollund Man: new analyses of his gut content. <i>Antiquity</i> , 2021, 95, 1195-1212.	1.0	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.	3.4	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.	3.4	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.	8.2	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.	3.8	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.	1.3	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.	2.4	18
18	The interactome of stabilized α -synuclein oligomers and neuronal proteins. <i>FEBS Journal</i> , 2020, 287, 2037-2054.	4.7	9

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19	Plasmin inhibition by bacterial serpin: Implications in gum disease. <i>FASEB Journal</i> , 2020, 34, 619-630.	0.5	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.	4.1	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.	3.4	6
22	STEEP mediates STING ER exit and activation of signaling. <i>Nature Immunology</i> , 2020, 21, 868-879.	14.5	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.	14.6	12
24	Biochemical mechanisms of aggregation in TGFBI-linked corneal dystrophies. <i>Progress in Retinal and Eye Research</i> , 2020, 77, 100843.	15.5	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.	2.2	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.	3.2	14
27	Mapping and identification of soft corona proteins at nanoparticles and their impact on cellular association. <i>Nature Communications</i> , 2020, 11, 4535.	12.8	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.	13.3	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.	3.4	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.	4.1	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.	1.6	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.	2.6	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.	0.8	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.	2.5	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.	3.4	10
36	Proteolytic processing and activation of gingipain zymogens secreted by T9SS of <i>Porphyromonas gingivalis</i> . <i>Biochimie</i> , 2019, 166, 161-172.	2.6	14

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37	Sortilin gates neurotensin and BDNF signaling to control peripheral neuropathic pain. <i>Science Advances</i> , 2019, 5, eaav9946.	10.3	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.	3.4	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.	3.5	12
40	Conservation of the Amyloid Interactome Across Diverse Fibrillar Structures. <i>Scientific Reports</i> , 2019, 9, 3863.	3.3	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.	7.6	36
42	Frequently used bioinformatics tools overestimate the damaging effect of allelic variants. <i>Genes and Immunity</i> , 2019, 20, 10-22.	4.1	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.	0.8	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.	4.7	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.	3.5	21
46	β -Synucleins from Animal Species Show Low Fibrillation Propensities and Weak Oligomer Membrane Disruption. <i>Biochemistry</i> , 2018, 57, 5145-5158.	2.5	15
47	Small-Molecule Probes for Affinity-Guided Introduction of Biocompatible Handles on Metal-Binding Proteins. <i>Bioconjugate Chemistry</i> , 2018, 29, 3016-3025.	3.6	16
48	Serum Amyloid P Component (SAP) Interactome in Human Plasma Containing Physiological Calcium Levels. <i>Biochemistry</i> , 2017, 56, 896-902.	2.5	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.	4.3	31
50	Reactive Center Loop Insertion in β -1-Antitrypsin Captured by Accelerated Molecular Dynamics Simulation. <i>Biochemistry</i> , 2017, 56, 634-646.	2.5	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.	2.5	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.	2.5	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.	3.3	24
54	Transcriptome analysis of the response of Burmese python to digestion. <i>GigaScience</i> , 2017, 6, 1-18.	6.4	17

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55	Characterisation of protein families in spider digestive fluids and their role in extra-oral digestion. <i>BMC Genomics</i> , 2017, 18, 600.	2.8	39
56	Activation of Complement by Pigment Epithelium-Derived Factor in Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2017, 199, 1113-1121.	0.8	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.	0.8	43
58	Critical Influence of Cosolutes and Surfaces on the Assembly of Serpin-Derived Amyloid Fibrils. <i>Biophysical Journal</i> , 2017, 113, 580-596.	0.5	20
59	Mutation-Induced Deamidation of Corneal Dystrophy-Related Transforming Growth Factor β -Induced Protein. <i>Biochemistry</i> , 2017, 56, 6470-6480.	2.5	4
60	Ant-egg-cataract revisited. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 119-125.	1.9	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.	2.9	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.	2.9	29
63	Detection of proteolytic signatures for Parkinson's disease. <i>Future Neurology</i> , 2016, 11, 15-32.	0.5	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.	2.2	20
65	Combinatorial Biomolecular Nanopatterning for High-Throughput Screening of Stem Cell Behavior. <i>Advanced Materials</i> , 2016, 28, 1472-1476.	21.0	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.	3.3	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.	4.2	9
68	Disulfide Bond Pattern of Transforming Growth Factor β -Induced Protein. <i>Biochemistry</i> , 2016, 55, 5610-5621.	2.5	10
69	How Glycosaminoglycans Promote Fibrillation of Salmon Calcitonin. <i>Journal of Biological Chemistry</i> , 2016, 291, 16849-16862.	3.4	15
70	Dynamic protein coronas revealed as a modulator of silver nanoparticle sulphidation in vitro. <i>Nature Communications</i> , 2016, 7, 11770.	12.8	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.	3.3	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.	2.9	22

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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.	3.4	16
74	Carbamylated LL-37 as a modulator of the immune response. <i>Innate Immunity</i> , 2016, 22, 218-229.	2.4	32
75	Antagonism between <i>Staphylococcus epidermidis</i> and <i>Propionibacterium acnes</i> and its genomic basis. <i>BMC Genomics</i> , 2016, 17, 152.	2.8	131
76	Transglutaminase 2-Catalyzed Intramolecular Cross-Linking of Osteopontin. <i>Biochemistry</i> , 2016, 55, 294-303.	2.5	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.	3.4	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.	2.3	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.	0.8	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.	2.5	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.	1.7	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.	4.1	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.	3.5	40
85	Mirolase, a novel subtilisin-like serine protease from the periodontopathogen <i>Tannerella forsythia</i> . <i>Biological Chemistry</i> , 2015, 396, 261-275.	2.5	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.	3.4	46
87	Characterization of the gila monster (<i>Heloderma suspectum suspectum</i>) venom proteome. <i>Journal of Proteomics</i> , 2015, 117, 1-11.	2.4	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.	2.9	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.	3.4	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.	4.1	22

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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.	2.1	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.	2.8	26
93	Fibril Core of Transforming Growth Factor Beta-Induced Protein (TGFBIp) Facilitates Aggregation of Corneal TGFBIp. <i>Biochemistry</i> , 2015, 54, 2943-2956.	2.5	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.	3.4	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.	2.5	6
96	Characterization of the gila monster (<i>Heloderma suspectum suspectum</i>) venom proteome. <i>Data in Brief</i> , 2015, 3, 137-142.	1.0	12
97	Clearance Kinetics and Matrix Binding Partners of the Receptor for Advanced Glycation End Products. <i>PLoS ONE</i> , 2014, 9, e88259.	2.5	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.	1.6	24
100	Proteomics and the Eye. <i>Proteomics - Clinical Applications</i> , 2014, 8, 127-129.	1.6	5
101	Peptidyl Arginine Deiminase from <i>Porphyromonas gingivalis</i> Abolishes Anaphylatoxin C5a Activity. <i>Journal of Biological Chemistry</i> , 2014, 289, 32481-32487.	3.4	83
102	Proteome reference maps of the <i>Lotus japonicus</i> nodule and root. <i>Proteomics</i> , 2014, 14, 230-240.	2.2	21
103	Spider genomes provide insight into composition and evolution of venom and silk. <i>Nature Communications</i> , 2014, 5, 3765.	12.8	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.	3.4	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.	2.5	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.	3.7	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.	13.6	152
108	Carbamylation of immunoglobulin abrogates activation of the classical complement pathway. <i>European Journal of Immunology</i> , 2014, 44, 3403-3412.	2.9	23

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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.	0.9	63
111	Coagulation Factor XIIIa Substrates in Human Plasma. <i>Journal of Biological Chemistry</i> , 2014, 289, 6526-6534.	3.4	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.	13.7	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.	1.3	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.	2.3	33
115	Distal Renal Tubules Are Deficient in Aggresome Formation and Autophagy upon Aldosterone Administration. <i>PLoS ONE</i> , 2014, 9, e101258.	2.5	8
116	Proteome Analysis of Human Sebaceous Follicle Infundibula Extracted from Healthy and Acne-Affected Skin. <i>PLoS ONE</i> , 2014, 9, e107908.	2.5	50
117	Identification of Transglutaminase Reactive Residues in Human Osteopontin and Their Role in Polymerization. <i>PLoS ONE</i> , 2014, 9, e113650.	2.5	14
118	The Human Eye Proteome Project: Perspectives on an emerging proteome. <i>Proteomics</i> , 2013, 13, 2500-2511.	2.2	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.	10.0	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.	2.3	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.	2.3	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.	2.4	21
123	Hydrogen peroxide induce modifications of human extracellular superoxide dismutase that results in enzyme inhibition. <i>Redox Biology</i> , 2013, 1, 24-31.	9.0	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.	2.3	12
125	Murine Extracellular Superoxide Dismutase Is Converted into the Inactive Fold by the Ser195Cys Mutation. <i>Biochemistry</i> , 2013, 52, 3369-3375.	2.5	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.	2.5	21

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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.	2.2	46
128	Investigations on Collectin Liver 1. <i>Journal of Biological Chemistry</i> , 2013, 288, 23407-23420.	3.4	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.	3.4	64
130	Inter- α -inhibitor Impairs TSG-6-induced Hyaluronan Cross-linking. <i>Journal of Biological Chemistry</i> , 2013, 288, 29642-29653.	3.4	60
131	Aldosterone and angiotensin II induce protein aggregation in renal proximal tubules. <i>Physiological Reports</i> , 2013, 1, e00064.	1.7	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.	2.5	35
133	Ribosomal Protein L22 (RPL22) accumulates as aggregates in distal renal tubules after aldosterone administration. <i>FASEB Journal</i> , 2013, 27, 705.5.	0.5	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.	4.0	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.	3.4	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.	7.1	185
138	Disruption of gingipain oligomerization into non-covalent cell-surface attached complexes. <i>Biological Chemistry</i> , 2012, 393, 971-977.	2.5	15
139	Unique Structural Features Facilitate Lizard Tail Autotomy. <i>PLoS ONE</i> , 2012, 7, e51803.	2.5	37
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