Bertrand Friguet

List of Publications by Year
in descending order

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157	12,089	22099	27345
papers	citations	59 h-index	106 g-index

159	159	159	12886
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Glyoxal Induces Senescence in Human Keratinocytes through Oxidative Stress and Activation of the Protein Kinase B/FOXO3a/p27KIP1 Pathway. Journal of Investigative Dermatology, 2022, 142, 2068-2078.e7.	0.3	7
2	Effects of cellular senescence on metabolic pathways in non-immune and immune cells. Mechanisms of Ageing and Development, 2021, 194, 111428.	2.2	14
3	Proteostasis and Skin Aging. , 2021, , 181-196.		0
4	Proteome Oxidative Modifications and Impairment of Specific Metabolic Pathways During Cellular Senescence and Aging. Proteomics, 2020, 20, e1800421.	1.3	14
5	Mitochondrial Lon protease - depleted HeLa cells exhibit proteome modifications related to protein quality control, stress response and energy metabolism. Free Radical Biology and Medicine, 2020, 148, 83-95.	1.3	5
6	Lack of consensus on an aging biology paradigm? A global survey reveals an agreement to disagree, and the need for an interdisciplinary framework. Mechanisms of Ageing and Development, 2020, 191, 111316.	2.2	67
7	Immunosenescence, Oxidative Stress, and Cancers. , 2020, , 513-531.		0
8	Effects of the selective inhibition of proteasome caspase-like activity by CLi a derivative of nor-cerpegin in dystrophic mdx mice. PLoS ONE, 2019, 14, e0215821.	1.1	3
9	Impairment of glyoxalase-1, an advanced glycation end-product detoxifying enzyme, induced by inflammation in age-related osteoarthritis. Arthritis Research and Therapy, 2019, 21, 18.	1.6	26
10	Oxidatively Modified Proteins and Maintenance Systems as Biomarkers of Aging. Healthy Ageing and Longevity, 2019, , 101-120.	0.2	0
11	Proteome oxidative carbonylation during oxidative stress-induced premature senescence of WI-38 human fibroblasts. Mechanisms of Ageing and Development, 2018, 170, 59-71.	2.2	13
12	The Oxidized Protein Repair Enzymes Methionine Sulfoxide Reductases and Their Roles in Protecting against Oxidative Stress, in Ageing and in Regulating Protein Function. Antioxidants, 2018, 7, 191.	2.2	58
13	Improvement of Dystrophic Muscle Fragility by Short-Term Voluntary Exercise through Activation of Calcineurin Pathway in mdx Mice. American Journal of Pathology, 2018, 188, 2662-2673.	1.9	20
14	The role of Pitx2 and Pitx3 in muscle stem cells gives new insights into P38Î± MAP kinase and redox regulation of muscle regeneration. ELife, 2018, 7, .	2.8	52
15	The Oxygen Paradox, the French Paradox, and age-related diseases. GeroScience, 2017, 39, 499-550.	2.1	59
16	Circadian Rhythms and Proteostasis in Aging. Healthy Ageing and Longevity, 2017, , 163-191.	0.2	3
17	Circadian modulation of proteasome activity and accumulation of oxidized protein in human embryonic kidney HEK 293 cells and primary dermal fibroblasts. Free Radical Biology and Medicine, 2016, 94, 195-207.	1.3	19
18	The glyoxalase enzymes are differentially localized in epidermis and regulated during ageing and photoageing. Experimental Dermatology, 2016, 25, 492-494.	1.4	10

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19	Impaired energy metabolism of senescent muscle satellite cells is associated with oxidative modifications of glycolytic enzymes. Aging, 2016, 8, 3375-3389.	1.4	38
20	CD4+ T cell surface alpha enolase is lower in older adults. Mechanisms of Ageing and Development, 2015, 152, 56-62.	2.2	2
21	The Transcription Factor E4F1 Coordinates CHK1-Dependent Checkpoint and Mitochondrial Functions. Cell Reports, 2015, 11, 220-233.	2.9	38
22	Photosensitized Oxidation of Lens Proteins Exposed to UVA-Visible Light at Low Oxygen Concentration: Its Effect on the Proteasome System. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 239-274.	0.4	0
23	Anti-Inflammatory and Antiatherogenic Effects of the NLRP3 Inflammasome Inhibitor Arglabin in ApoE ₂ .Ki Mice Fed a High-Fat Diet. Circulation, 2015, 131, 1061-1070.	1.6	141
24	NLRP3 inflammasome: From a danger signal sensor to a regulatory node of oxidative stress and inflammatory diseases. Redox Biology, 2015, 4, 296-307.	3.9	566
25	Mitochondrial proteases and protein quality control in ageing and longevity. Ageing Research Reviews, 2015, 23, 56-66.	5.0	46
26	Proteasomes, Sir2, and Hxk2 Form an Interconnected Aging Network That Impinges on the AMPK/Snf1-Regulated Transcriptional Repressor Mig1. PLoS Genetics, 2015, 11, e1004968.	1.5	37
27	MARK-AGE biomarkers of ageing. Mechanisms of Ageing and Development, 2015, 151, 2-12.	2.2	189
28	Photosensitizing Activity of Endogenous Eye Lens Chromophores: An Attempt to Unravel Their Contributions to Photoâ€Aging and Cataract Disease. Photochemistry and Photobiology, 2015, 91, 767-779.	1.3	18
29	Protein modification and maintenance systems as biomarkers of ageing. Mechanisms of Ageing and Development, 2015, 151, 71-84.	2.2	45
30	Response to Letter Regarding Article, â€œAnti-inflammatory and Antiatherogenic Effects of the Inflammasome NLRP3 Inhibitor Arglabin in ApoE2.Ki Mice Fed a High-Fat Dietâ€. Circulation, 2015, 132, e250-1.	1.6	5
31	Oxidative proteome alterations during skeletal muscle ageing. Redox Biology, 2015, 5, 267-274.	3.9	63
32	AMPK Signaling Involvement for the Repression of the IL-1Î²-Induced Group IIA Secretory Phospholipase A2 Expression in VSMCs. PLoS ONE, 2015, 10, e0132498.	1.1	11
33	Oxidative Modifications in Crystallin Proteins and Lens Epithelial Cells Associated with Photosensitized Reactions Mediated by the Major Chromophore Arising from Glucose Degradation. Journal of the Brazilian Chemical Society, 2015, , .	0.6	2
34	Immunosenescence, Oxidative Stress, and Cancers. , 2015, , 377-393.		0
35	Autophagy Impairment in Muscle Induces Neuromuscular Junction Degeneration and Precocious Aging. Cell Reports, 2014, 8, 1509-1521.	2.9	309
36	Proteomics of muscle chronological ageing in post-menopausal women. BMC Genomics, 2014, 15, 1165.	1.2	64

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37	Effect of Lon protease knockdown on mitochondrial function in HeLa cells. Biochimie, 2014, 100, 38-47.	1.3	24
38	Proteome Modulation in H9c2 Cardiac Cells by microRNAs miR-378 and miR-378. Molecular and Cellular Proteomics, 2014, 13, 18-29.	2.5	25
39	Prevention of dicarbonyl-mediated advanced glycation by glyoxalases: implication in skin aging. Biochemical Society Transactions, 2014, 42, 518-522.	1.6	12
40	Annonacin, a natural lipophilic mitochondrial complex I inhibitor, increases phosphorylation of tau in the brain of FTDP-17 transgenic mice. Experimental Neurology, 2014, 253, 113-125.	2.0	39
41	Protein damage, repair and proteolysis. Molecular Aspects of Medicine, 2014, 35, 1-71.	2.7	189
42	Oxidative proteome modifications target specific cellular pathways during oxidative stress, cellular senescence and aging. Experimental Gerontology, 2013, 48, 620-625.	1.2	53
43	Proteome alteration in oxidative stress-sensitive methionine sulfoxide reductase-silenced HEK293 cells. Free Radical Biology and Medicine, 2013, 65, 1023-1036.	1.3	12
44	Deletion of the mitochondrial Pim1/Lon protease in yeast results in accelerated aging and impairment of the proteasome. Free Radical Biology and Medicine, 2013, 56, 9-16.	1.3	62
45	Proteomic quantification and identification of carbonylated proteins upon oxidative stress and during cellular aging. Journal of Proteomics, 2013, 92, 63-70.	1.2	102
46	Expression and modification proteomics during skeletal muscle ageing. Biogerontology, 2013, 14, 339-352.	2.0	43
47	Differential expression and glycative damage affect specific mitochondrial proteins with aging in rat liver. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 2057-2067.	1.8	28
48	Clearance of Genetic Variants of Amyloid Î² Peptide by Neuronal and Non-neuronal Cells. Protein and Peptide Letters, 2013, 20, 550-561.	0.4	0
49	Changes of the Proteasomal System During the Aging Process. Progress in Molecular Biology and Translational Science, 2012, 109, 249-275.	0.9	55
50	Aging of the dopaminergic system and motor behavior in mice intoxicated with the parkinsonian toxin 1â€methylâ€4â€phenylâ€1,2,3,6â€tetrahydropyridine. Journal of Neurochemistry, 2012, 122, 1032-1046.	2.1	9
51	Photosensitized reactions mediated by the major chromophore arising from glucose decomposition, result in oxidation and cross-linking of lens proteins and activation of the proteasome. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 564-572.	1.8	7
52	Catalase, a target of glycation damage in rat liver mitochondria with aging. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1527-1534.	1.8	43
53	Protein Oxidative Damage at the Crossroads of Cellular Senescence, Aging, and Age-Related Diseases. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-8.	1.9	81
54	Oxidative stress-induced proteome alterations target different cellular pathways in human myoblasts. Free Radical Biology and Medicine, 2011, 51, 1522-1532.	1.3	40

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55	Dietary fatty acids and oxidative stress in the heart mitochondria. Mitochondrion, 2011, 11, 97-103.	1.6	21
56	Muscle Creatine Kinase Deficiency Triggers Both Actin Depolymerization and Desmin Disorganization by Advanced Glycation End Products in Dilated Cardiomyopathy. Journal of Biological Chemistry, 2011, 286, 35007-35019.	1.6	54
57	Repeated exposures to UVB induce differentiation rather than senescence of human keratinocytes lacking p16INK-4A. Biogerontology, 2010, 11, 167-181.	2.0	26
58	Reduced oxygen tension results in reduced human T cell proliferation and increased intracellular oxidative damage and susceptibility to apoptosis upon activation. Free Radical Biology and Medicine, 2010, 48, 26-34.	1.3	27
59	Protein modification and replicative senescence of WIâ€38 human embryonic fibroblasts. Aging Cell, 2010, 9, 252-272.	3.0	113
60	Regulation of Selenoproteins and Methionine Sulfoxide Reductases A and B1 by Age, Calorie Restriction, and Dietary Selenium in Mice. Antioxidants and Redox Signaling, 2010, 12, 829-838.	2.5	59
61	Identification of Novel Oxidized Protein Substrates and Physiological Partners of the Mitochondrial ATP-dependent Lon-like Protease Pim1. Journal of Biological Chemistry, 2010, 285, 11445-11457.	1.6	88
62	Simultaneous chemical and photochemical protein crosslinking induced by irradiation of eye lens proteins in the presence of ascorbate: the photosensitizing role of an UVAâ€“visible-absorbing decomposition product of vitamin C. Photochemical and Photobiological Sciences, 2010, 9, 1351-1358.	1.6	11
63	Oxidized Mitochondrial Protein Degradation and Repair in Aging and Oxidative Stress. Antioxidants and Redox Signaling, 2010, 13, 539-549.	2.5	115
64	Protein stability and resistance to oxidative stress are determinants of longevity in the longest-living rodent, the naked mole-rat. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3059-3064.	3.3	368
65	Overexpression of Methionine Sulfoxide Reductases A and B2 Protects MOLT-4 Cells Against Zinc-Induced Oxidative Stress. Antioxidants and Redox Signaling, 2009, 11, 215-226.	2.5	35
66	The Proteasome Is an Integral Part of Solar Ultraviolet A Radiation-induced Gene Expression. Journal of Biological Chemistry, 2009, 284, 30076-30086.	1.6	59
67	Frataxin deficiency causes upregulation of mitochondrial Lon and ClpP proteases and severe loss of mitochondrial Feâ€“S proteins. FEBS Journal, 2009, 276, 1036-1047.	2.2	70
68	Advanced Glycation Endproducts Induce Photocrosslinking and Oxidation of Bovine Lens Proteins Through Typeâ€Ⅰ Mechanism. Photochemistry and Photobiology, 2009, 85, 185-194.	1.3	25
69	Impact of Hydrogen Peroxide on the Activity, Structure, and Conformational Stability of the Oxidized Protein Repair Enzyme Methionine Sulfoxide Reductase A. Journal of Molecular Biology, 2009, 393, 58-66.	2.0	21
70	Proteasome Activity and Immunosenescence. , 2009, , 729-749.		2
71	Mitochondrial protein quality control: Implications in ageing. Biotechnology Journal, 2008, 3, 757-764.	1.8	66
72	Viewpoint 4. Experimental Dermatology, 2008, 17, 233-235.	1.4	0

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73	Zinc supplementation in the elderly subjects: Effect on oxidized protein degradation and repair systems in peripheral blood lymphocytes. Experimental Gerontology, 2008, 43, 483-487.	1.2	19
74	Towards the control of intracellular protein turnover: Mitochondrial Lon protease inhibitors versus proteasome inhibitors. Biochimie, 2008, 90, 260-269.	1.3	49
75	Autosensitized oxidation of glycated bovine lens proteins irradiated with UVA-visible light at low oxygen concentration. Photochemical and Photobiological Sciences, 2008, 7, 718-724.	1.6	7
76	Overexpression of Mitochondrial Methionine Sulfoxide Reductase B2 Protects Leukemia Cells from Oxidative Stress-induced Cell Death and Protein Damage. Journal of Biological Chemistry, 2008, 283, 16673-16681.	1.6	83
77	Endogenous C-terminal fragments of beta-amyloid precursor protein from Xenopus laevis skin exudate. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2007, 146, 530-539.	0.7	0
78	Glycation damage targets glutamate dehydrogenase in the rat liver mitochondrial matrix during aging. FEBS Journal, 2007, 274, 5949-5961.	2.2	29
79	Impairment of methionine sulfoxide reductase during UV irradiation and photoaging. Experimental Gerontology, 2007, 42, 859-863.	1.2	30
80	Proteasome and Photoaging: The Effects of UV Irradiation. Annals of the New York Academy of Sciences, 2007, 1100, 280-290.	1.8	23
81	Protein Oxidative Modifications and Replicative Senescence of WIâ€38 Human Embryonic Fibroblasts. Annals of the New York Academy of Sciences, 2007, 1119, 88-96.	1.8	35
82	Maintenance of proteins and aging: The role of oxidized protein repair. Free Radical Research, 2006, 40, 1269-1276.	1.5	67
83	Proteasome Function in Aging and Oxidative Stress: Implications in Protein Maintenance Failure. Antioxidants and Redox Signaling, 2006, 8, 205-216.	2.5	110
84	The ubiquitinâ€“proteasome system at the crossroads of stress-response and ageing pathways: A handle for skin care?. Ageing Research Reviews, 2006, 5, 60-90.	5.0	36
85	Inactivation of the proteasome by 4-hydroxy-2-nonenal is site specific and dependant on 20S proteasome subtypes. Archives of Biochemistry and Biophysics, 2006, 453, 135-142.	1.4	120
86	Oxidized protein degradation and repair in ageing and oxidative stress. FEBS Letters, 2006, 580, 2910-2916.	1.3	190
87	Methionine Sulfoxide Reductases: Relevance to Aging and Protection against Oxidative Stress. Annals of the New York Academy of Sciences, 2006, 1067, 37-44.	1.8	106
88	Alterations in mitochondrial and cytosolic methionine sulfoxide reductase activity during cardiac ischemia and reperfusion. Experimental Gerontology, 2006, 41, 663-667.	1.2	39
89	Mitochondrial protein oxidation and degradation in response to oxidative stress and aging. Experimental Gerontology, 2006, 41, 653-657.	1.2	136
90	Inflammatory/immune responses in ageing: Relevant factors and putative targets for intervention. Mechanisms of Ageing and Development, 2006, 127, 515-516.	2.2	0

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91	A structural model of 20S immunoproteasomes: effect of LMP2 codon 60 polymorphism on expression, activity, intracellular localisation and insight into the regulatory mechanisms. Biological Chemistry, 2006, 387, 417-429.	1.2	32
92	Algae Extract-Mediated Stimulation and Protection of Proteasome Activity Within Human Keratinocytes Exposed to UVA and UVB Irradiation. Antioxidants and Redox Signaling, 2006, 8, 136-143.	2.5	51
93	Protein maintenance in aging and replicative senescence: a role for the peptide methionine sulfoxide reductases. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2005, 1703, 261-266.	1.1	62
94	Overexpression of MsrA protects WI-38 SV40 human fibroblasts against HO-mediated oxidative stress. Free Radical Biology and Medicine, 2005, 39, 1332-1341.	1.3	68
95	Repeated exposure of human skin fibroblasts to UVB at subcytotoxic level triggers premature senescence through the TGF-Î²1 signaling pathway. Journal of Cell Science, 2005, 118, 743-758.	1.2	222
96	Oxidized SOD1 alters proteasome activities in vitro and in the cortex of SOD1 overexpressing mice. FEBS Letters, 2005, 579, 3613-3618.	1.3	24
97	Cystathionine Î² Synthase Deficiency Promotes Oxidative Stress, Fibrosis, and Steatosis in Mice Liver. Gastroenterology, 2005, 128, 1405-1415.	0.6	163
98	Essential Role of Methionine Residues in Calmodulin Binding to Bordetella pertussis Adenylate Cyclase, as Probed by Selective Oxidation and Repair by the Peptide Methionine Sulfoxide Reductases. Journal of Biological Chemistry, 2004, 279, 30210-30218.	1.6	48
99	Are Expanded Polyglutamine Proteins a Proteasome Substrate?. Rejuvenation Research, 2004, 7, 239-242.	0.9	4
100	Age-related impairment of mitochondrial matrix aconitase and ATP-stimulated protease in rat liver and heart. FEBS Journal, 2004, 271, 4559-4564.	0.2	73
101	Enzymatic reactions involved in the repair of oxidized proteins. Experimental Gerontology, 2004, 39, 1117-1123.	1.2	81
102	Evidence of Preferential Protein Targets for Age-Related Modifications in Peripheral Blood Lymphocytes. Annals of the New York Academy of Sciences, 2004, 1019, 211-214.	1.8	17
103	Algae Extract Protection Effect on Oxidized Protein Level in HumanStratum Corneum. Annals of the New York Academy of Sciences, 2004, 1019, 219-222.	1.8	21
104	Age-dependent protein modifications and declining proteasome activity in the human lens. Archives of Biochemistry and Biophysics, 2004, 427, 197-203.	1.4	88
105	The peptide methionine sulfoxide reductases, MsrA and MsrB (hCBS-1), are downregulated during replicative senescence of human WI-38 fibroblasts. FEBS Letters, 2004, 558, 74-78.	1.3	71
106	Characterization and role of protozoan parasite proteasomes. Trends in Parasitology, 2003, 19, 55-59.	1.5	64
107	Cellular senescence in human keratinocytes: unchanged proteolytic capacity and increased protein load. Experimental Gerontology, 2003, 38, 619-629.	1.2	28
108	Changes in rat liver mitochondria with aging. FEBS Journal, 2003, 270, 2295-2302.	0.2	113

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109	Dysfunction of mitochondrial complex I and the proteasome: interactions between two biochemical deficits in a cellular model of Parkinson's disease. Journal of Neurochemistry, 2003, 86, 1297-1307.	2.1	239
110	Increased level of glycoxidation product NÎµ-(carboxymethyl)lysine in rat serum and urine proteins with aging: Link with glycoxidative damage accumulation in kidney. Archives of Biochemistry and Biophysics, 2003, 411, 215-222.	1.4	29
111	Impact of ageing on proteasome structure and function in human lymphocytes. International Journal of Biochemistry and Cell Biology, 2003, 35, 728-739.	1.2	124
112	Potentiation of Tumor Necrosis Factor-Induced NF-ÎºB Activation by Deacetylase Inhibitors Is Associated with a Delayed Cytoplasmic Reappearance of IÎºBÎ±. Molecular and Cellular Biology, 2003, 23, 6200-6209.	1.1	89
113	Central Role of the Proteasome in Senescence and Survival of Human Fibroblasts. Journal of Biological Chemistry, 2003, 278, 28026-28037.	1.6	288
114	Subcellular localization of methionine sulphoxide reductase A (MsrA): evidence for mitochondrial and cytosolic isoforms in rat liver cells. Biochemical Journal, 2003, 373, 531-537.	1.7	106
115	The Proteasome in Aging. , 2003, , 213-231.		3
116	Redox Control of 20S Proteasome. Methods in Enzymology, 2002, 353, 253-262.	0.4	16
117	Age-Dependent Declines in Proteasome Activity in the Heart. Archives of Biochemistry and Biophysics, 2002, 397, 298-304.	1.4	221
118	Impairment of proteasome structure and function in aging. International Journal of Biochemistry and Cell Biology, 2002, 34, 1461-1474.	1.2	271
119	Protein Repair and Degradation during Aging. Scientific World Journal, The, 2002, 2, 248-254.	0.8	35
120	Age-related increase of protein glycation in peripheral blood lymphocytes is restricted to preferential target proteins. Experimental Gerontology, 2002, 37, 1207-1215.	1.2	54
121	Impairment of proteasome function upon UVA- and UVB-irradiation of human keratinocytes. Free Radical Biology and Medicine, 2002, 32, 1157-1170.	1.3	78
122	Proteolysis, free radicals, and aging1,2 1Guest Editor: Earl Stadtman 2This article is part of a series of reviews on â€œOxidatively Modified Proteins in Aging and Disease.â€•The full list of papers may be found on the homepage of the journal.. Free Radical Biology and Medicine, 2002, 33, 29-36.	1.3	114
123	Aging of Proteins and the Proteasome. Progress in Molecular and Subcellular Biology, 2002, 29, 17-33.	0.9	12
124	UV and proteasomes. European Journal of Dermatology, 2002, 12, XVII-XVIII.	0.3	2
125	Proteasome: a new target of UV radiations. European Journal of Dermatology, 2002, 12, XXVII-XXVIII.	0.3	4
126	Rat peptide methionine sulphoxide reductase: cloning of the cDNA, and down-regulation of gene expression and enzyme activity during aging. Biochemical Journal, 2001, 355, 819-825.	1.7	133

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127	Proteasome Inhibition in Glyoxal-treated Fibroblasts and Resistance of Glycated Glucose-6-phosphate Dehydrogenase to 20 S Proteasome Degradation in Vitro. Journal of Biological Chemistry, 2001, 276, 45662-45668.	1.6	111
128	Oxidative Modification and Inactivation of the Proteasome during Coronary Occlusion/Reperfusion. Journal of Biological Chemistry, 2001, 276, 30057-30063.	1.6	328
129	Increase of Oxidatively Modified Protein Is Associated With a Decrease of Proteasome Activity and Content in Aging Epidermal Cells. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2000, 55, B220-B227.	1.7	178
130	Inhibition of nitric oxide synthase activity by early and advanced glycation end products in cultured rabbit proximal tubular epithelial cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2000, 1502, 481-494.	1.8	51
131	Protein Degradation by the Proteasome and Its Implications in Aging. Annals of the New York Academy of Sciences, 2000, 908, 143-154.	1.8	152
132	The secondary fungal metabolite gliotoxin targets proteolytic activities of the proteasome. Chemistry and Biology, 1999, 6, 689-698.	6.2	133
133	Conformational Changes in the 20S Proteasome upon Macromolecular Ligand Binding Analyzed with Monoclonal Antibodies. Archives of Biochemistry and Biophysics, 1999, 362, 325-328.	1.4	18
134	Affinity. , 1998, , 43-47.		1
135	Protection from oxidative inactivation of the 20S proteasome byheat-shock protein 90. Biochemical Journal, 1998, 333, 407-415.	1.7	129
136	Antiviral Activity of the Proteasome on Incoming Human Immunodeficiency Virus Type 1. Journal of Virology, 1998, 72, 3845-3850.	1.5	140
137	Inhibition of the multicatalytic proteinase (proteasome) by 4-hydroxy-2-nonenal cross-linked protein. FEBS Letters, 1997, 405, 21-25.	1.3	246
138	The carboxy-terminus of IÎºBÎ± determines susceptibility to degradation by the catalytic core of the proteasome. Oncogene, 1997, 15, 1841-1850.	2.6	35
139	Proteasome inactivation upon aging and on oxidation-effect of HSP 90. , 1997, 24, 45-50.		107
140	Chemical Characterization of a Protein-4-hydroxy-2-nonenal Cross-Link: Immunochemical Detection in Mitochondria Exposed to Oxidative Stress. Archives of Biochemistry and Biophysics, 1996, 328, 158-164.	1.4	133
141	Age-Related Decline of Rat Liver Multicatalytic Proteinase Activity and Protection from Oxidative Inactivation by Heat-Shock Protein 90. Archives of Biochemistry and Biophysics, 1996, 331, 232-240.	1.4	214
142	Incomplete Polypeptides of In Vitro Translation for Epitope Localization. , 1996, 66, 355-362.		1
143	Importance of Residues 2â€“9 in the Immunoreactivity, Subunit Interactions, and Activity of the Î²2 Subunit of Escherichia coli Tryptophan Synthase. Journal of Biological Chemistry, 1995, 270, 4255-4261.	1.6	8
144	Under proper experimental conditions the solid-phase antigen does not disrupt the liquid phase equilibrium when measuring dissociation constants by competition ELISA. Journal of Immunological Methods, 1995, 182, 145-147.	0.6	15

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145	In vitro gene expression for the localization of antigenic determinants: application to the E. coli tryptophan synthase Î²2 subunit. Journal of Immunological Methods, 1993, 158, 243-249.	0.6	11
146	Folding on the ribosome of Escherichia coli tryptophan synthase Î² subunit nascent chains probed with a conformation-dependent monoclonal antibody. Journal of Molecular Biology, 1992, 228, 351-358.	2.0	64
147	Peptide/antibody recognition: Synthetic peptides derived from the E. coli tryptophan synthase Î²2 subunit interact with high affinity with an anti-Î²2 monoclonal antibody. Molecular Immunology, 1991, 28, 523-531.	1.0	17
148	Inflammation and anti-tumor resistance. V. Production of a cytostatic factor following cooperation of elicited polymorphonuclear leukocytes and macrophages. International Journal of Cancer, 1990, 46, 533-538.	2.3	8
149	An early immunoreactive folding intermediate of the tryptophan synthase Î²2 subunit is a â€˜molten globuleâ€™. FEBS Letters, 1990, 263, 51-56.	1.3	108
150	Renaturation of guanidine-unfolded tryptophan synthase by multi-mixing stopped-flow dilution in D2O. FEBS Letters, 1988, 241, 251-256.	1.3	4
151	Epitope localization in antigen-monoclonal-antibody complexes by small-angle X-ray scattering. An approach to domain organization in the beta2 subunit of Escherichia coli tryptophan synthase. FEBS Journal, 1987, 164, 103-109.	0.2	14
152	Conformational effects of ligand binding on the .beta.2 subunit of Escherichia coli tryptophan-synthase analyzed with monoclonal antibodies. Biochemistry, 1986, 25, 2502-2508.	1.2	39
153	Conformational changes induced by domain assembly within the beta2 subunit of Escherichia coli tryptophan synthase analysed with monoclonal antibodies. FEBS Journal, 1986, 160, 593-597.	0.2	34
154	Measurements of the true affinity constant in solution of antigen-antibody complexes by enzyme-linked immunosorbent assay. Journal of Immunological Methods, 1985, 77, 305-319.	0.6	1,210
155	Structural and functional influence of enzyme-antibody interactions: effects of eight different monoclonal antibodies on the enzymatic activity of Escherichia coli tryptophan synthase. Biochemistry, 1984, 23, 97-104.	1.2	71
156	Some monoclonal antibodies raised with a native protein bind preferentially to the denatured antigen. Molecular Immunology, 1984, 21, 673-677.	1.0	212
157	A convenient enzyme-linked immunosorbent assay for testing whether monoclonal antibodies recognize the same antigenic site. Application to hybridomas specific for the Î²2-subunit of Escherichia coli tryptophan synthase. Journal of Immunological Methods, 1983, 60, 351-358.	0.6	236