Didier Attaix

List of Publications by Year
in descending order

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113	5,702	81434	93651
papers	citations	41 h-index	72 g-index

117	117	117	7342
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proteasomes and Ubiquitin. , 2022, , 728-732.		0
2	Mitophagy and Mitochondria Biogenesis Are Differentially Induced in Rat Skeletal Muscles during Immobilization and/or Remobilization. International Journal of Molecular Sciences, 2020, 21, 3691.	1.8	13
3	Muscle wasting in patients with endâ€stage renal disease or earlyâ€stage lung cancer: common mechanisms at work. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 323-337.	2.9	30
4	A muscleâ€specific <scp>MuRF1â€E2</scp> network requires stabilization of <scp>MuRF1â€E2</scp> complexes by telethonin, a newly identified substrate. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 129-145.	2.9	36
5	UBE2E1 Is Preferentially Expressed in the Cytoplasm of Slow-Twitch Fibers and Protects Skeletal Muscles from Exacerbated Atrophy upon Dexamethasone Treatment. Cells, 2018, 7, 214.	1.8	7
6	Targeting Colon Luminal Lipid Peroxidation Limits Colon Carcinogenesis Associated with Red Meat Consumption. Cancer Prevention Research, 2018, 11, 569-580.	0.7	19
7	Cellular Mechanisms of Protein Degradation Among Tissues. , 2016, , 27-37.		1
8	UBE2D2 is not involved in MuRF1-dependent muscle wasting during hindlimb suspension. International Journal of Biochemistry and Cell Biology, 2016, 79, 488-493.	1.2	20
9	Upregulation of MuRF1 and MAFbx participates to muscle wasting upon gentamicin-induced acute kidney injury. International Journal of Biochemistry and Cell Biology, 2016, 79, 505-516.	1.2	12
10	Proteolysis â^' A master regulator in health and disease. International Journal of Biochemistry and Cell Biology, 2016, 79, 402.	1.2	1
11	Docosahexaenoic acidâ€supplementation prior to fasting prevents muscle atrophy in mice. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 587-603.	2.9	26
12	UBE2B is implicated in myofibrillar protein loss in catabolic C2C12 myotubes. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 377-387.	2.9	22
13	Lower skeletal muscle capillarization in hypertensive elderly men. Experimental Gerontology, 2016, 76, 80-88.	1.2	29
14	The delayed recovery of the remobilized rat tibialis anterior muscle reflects a defect in proliferative and terminal differentiation that impairs early regenerative processes. Journal of Cachexia, Sarcopenia and Muscle, 2015, 6, 73-83.	2.9	13
15	Role of E2-Ub-conjugating enzymes during skeletal muscle atrophy. Frontiers in Physiology, 2015, 6, 59.	1.3	38
16	Muscle wasting. Current Opinion in Clinical Nutrition and Metabolic Care, 2015, 18, 213-214.	1.3	5
17	Skeletal Muscle Lipid Content and Oxidative Activity in Relation to Muscle Fiber Type in Aging and Metabolic Syndrome. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 566-576.	1.7	93
18	Proteomics of muscle chronological ageing in post-menopausal women. BMC Genomics, 2014, 15, 1165.	1.2	64

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19	Apoptosis in capillary endothelial cells in ageing skeletal muscle. Aging Cell, 2014, 13, 254-262.	3.0	77
20	Too little or too much are inadequate. Current Opinion in Clinical Nutrition and Metabolic Care, 2014, 17, 211-212.	1.3	2
21	A dedication to Alfred L. Goldberg. International Journal of Biochemistry and Cell Biology, 2013, 45, 2120.	1.2	0
22	Recent progress in elucidating signalling proteolytic pathways in muscle wasting: Potential clinical implications. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, S1-S5.	1.1	9
23	Deciphering the ubiquitin proteome: Limits and advantages of high throughput global affinity purification-mass spectrometry approaches. International Journal of Biochemistry and Cell Biology, 2013, 45, 2136-2146.	1.2	18
24	The nutrition swing. Current Opinion in Clinical Nutrition and Metabolic Care, 2013, 16, 241-242.	1.3	2
25	Calcium and Î±-tocopherol suppress cured-meat promotion of chemically induced colon carcinogenesis in rats and reduce associated biomarkers in human volunteers. American Journal of Clinical Nutrition, 2013, 98, 1255-1262.	2.2	85
26	Muscle wasting. Current Opinion in Clinical Nutrition and Metabolic Care, 2012, 15, 209-210.	1.3	8
27	Survival. Current Opinion in Clinical Nutrition and Metabolic Care, 2012, 15, 211-212.	1.3	5
28	The Missing Link: Mul1 Signals Mitophagy and Muscle Wasting. Cell Metabolism, 2012, 16, 551-552.	7.2	7
29	The worsening of tibialis anterior muscle atrophy during recovery post-immobilization correlates with enhanced connective tissue area, proteolysis, and apoptosis. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1335-E1347.	1.8	35
30	Curcumin treatment prevents increased proteasome and apoptosome activities in rat skeletal muscle during reloading and improves subsequent recovery. Journal of Nutritional Biochemistry, 2012, 23, 245-251.	1.9	42
31	Would you buy a new tool to improve your practice?. Current Opinion in Clinical Nutrition and Metabolic Care, 2011, 14, 221-222.	1.3	7
32	Lack of muscle recovery after immobilization in old rats does not result from a defect in normalization of the ubiquitinâ€“proteasome and the caspaseâ€dependent apoptotic pathways. Journal of Physiology, 2011, 589, 511-524.	1.3	39
33	Muscle actin is polyubiquitinylated in vitro and in vivo and targeted for breakdown by the E3 ligase MuRF1. FASEB Journal, 2011, 25, 3790-3802.	0.2	121
34	MAFbx/Atrogin-1 expression is a poor index of muscle proteolysis. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 223-224.	1.3	59
35	Lysosomal and proteasome-dependent proteolysis are differentially regulated by insulin and/or amino acids following feeding in young, mature and old rats. Journal of Nutritional Biochemistry, 2009, 20, 570-576.	1.9	14
36	Skeletal muscle proteolysis in aging. Current Opinion in Clinical Nutrition and Metabolic Care, 2009, 12, 37-41.	1.3	129

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37	Coordinate expression of the 19S regulatory complex and evidence for ubiquitin-dependent telethonin degradation in the unloaded soleus muscle. International Journal of Biochemistry and Cell Biology, 2008, 40, 2544-2552.	1.2	17
38	Pressure support ventilation attenuates ventilator-induced protein modifications in the diaphragm. Critical Care, 2008, 12, R116.	2.5	118
39	The ubiquitin-proteasome and the mitochondria-associated apoptotic pathways are sequentially downregulated during recovery after immobilization-induced muscle atrophy. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E1181-E1190.	1.8	66
40	Role of the ubiquitin-proteasome pathway in muscle atrophy in cachexia. Current Opinion in Supportive and Palliative Care, 2008, 2, 262-266.	0.5	39
41	Myostatin Gene Deletion Prevents Glucocorticoid-Induced Muscle Atrophy. Endocrinology, 2007, 148, 452-460.	1.4	238
42	A New Method of Purification of Proteasome Substrates Reveals Polyubiquitination of 20 S Proteasome Subunits*. Journal of Biological Chemistry, 2007, 282, 5302-5309.	1.6	28
43	FoxO3 Controls Dangerous Proteolytic Liaisons. Cell Metabolism, 2007, 6, 425-427.	7.2	29
44	Effects of ornithine Î±-ketoglutarate on protein metabolism in Yoshida sarcoma-bearing rats. Clinical Nutrition, 2007, 26, 624-630.	2.3	13
45	MÃ©tabolisme protÃ©ique. , 2007, , 75-92.		1
46	Liver protein synthesis stays elevated after chemotherapy in tumour-bearing mice. Cancer Letters, 2006, 239, 78-83.	3.2	5
47	Mechanisms of skeletal muscle atrophy. Current Opinion in Rheumatology, 2006, 18, 631-635.	2.0	98
48	Effect of Energy Substrates on Protein Degradation in Isolated Small Intestinal Enterocytes From Rats. Journal of Parenteral and Enteral Nutrition, 2006, 30, 497-502.	1.3	0
49	A leucine-supplemented diet restores the defective postprandial inhibition of proteasome-dependent proteolysis in aged rat skeletal muscle. Journal of Physiology, 2005, 569, 489-499.	1.3	128
50	USP19 is a ubiquitin-specific protease regulated in rat skeletal muscle during catabolic states. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E693-E700.	1.8	84
51	Regulation of skeletal muscle proteolysis by amino acids. , 2005, 15, 18-22.		20
52	Lysosomal proteolysis in skeletal muscle. International Journal of Biochemistry and Cell Biology, 2005, 37, 2098-2114.	1.2	191
53	Altered responses in skeletal muscle protein turnover during aging in anabolic and catabolic periods. International Journal of Biochemistry and Cell Biology, 2005, 37, 1962-1973.	1.2	107
54	Ubiquitin-proteasome-dependent proteolytic activity remains elevated after zymosan-induced sepsis in rats while muscle mass recovers. International Journal of Biochemistry and Cell Biology, 2005, 37, 2217-2225.	1.2	15

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55	The ubiquitinâ€“proteasome system and skeletal muscle wasting. Essays in Biochemistry, 2005, 41, 173-186.	2.1	140
56	The ubiquitinâ€“proteasome system and skeletal muscle wasting. Essays in Biochemistry, 2005, 41, 173.	2.1	159
57	The ubiquitin-proteasome pathway: limitations and opportunities. The Journal of Supportive Oncology, 2005, 3, 221-2.	2.3	5
58	Glucocorticoids regulate mRNA levels for subunits of the 19 S regulatory complex of the 26 S proteasome in fast-twitch skeletal muscles. Biochemical Journal, 2004, 378, 239-246.	1.7	68
59	The role of ubiquitinâ€“proteasome-dependent proteolysis in the remodelling of skeletal muscle. Proceedings of the Nutrition Society, 2004, 63, 357-361.	0.4	68
60	The role of adrenal hormones in the response of glutamine synthetase to fasting in adult and old rats. Clinical Nutrition, 2003, 22, 569-575.	2.3	16
61	Ubiquitinâ€proteasomeâ€dependent muscle proteolysis responds slowly to insulin release and refeeding in starved rats. Journal of Physiology, 2003, 546, 765-776.	1.3	44
62	Class III phosphoinositide 3-kinaseâ€“Beclin1 complex mediates the amino acid-dependent regulation of autophagy in C2C12 myotubes. Biochemical Journal, 2003, 376, 577-586.	1.7	198
63	Down-regulation of genes in the lysosomal and ubiquitin-proteasome proteolytic pathways in calpain-3-deficient muscle. International Journal of Biochemistry and Cell Biology, 2003, 35, 676-684.	1.2	25
64	Regulation of proteolysis during reloading of the unweighted soleus muscle. International Journal of Biochemistry and Cell Biology, 2003, 35, 665-675.	1.2	62
65	Mechanisms of ubiquitination and proteasome-dependent proteolysis in skeletal muscle.. , 2003, , 219-235.		11
66	Torbafylline (HWA 448) inhibits enhanced skeletal muscle ubiquitinâ€“proteasome-dependent proteolysis in cancer and septic rats. Biochemical Journal, 2002, 361, 185-192.	1.7	59
67	Torbafylline (HWA 448) inhibits enhanced skeletal muscle ubiquitinâ€™proteasome-dependent proteolysis in cancer and septic rats. Biochemical Journal, 2002, 361, 185.	1.7	46
68	Increased muscle proteolysis after local trauma mainly reflects macrophage-associated lysosomal proteolysis. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E326-E335.	1.8	58
69	Chemotherapy inhibits skeletal muscle ubiquitin-proteasome-dependent proteolysis. Cancer Research, 2002, 62, 2771-7.	0.4	26
70	Regulation of proteolysis. Current Opinion in Clinical Nutrition and Metabolic Care, 2001, 4, 45-49.	1.3	59
71	Nutritional and hormonal control of protein breakdown. American Journal of Kidney Diseases, 2001, 37, S108-S111.	2.1	15
72	Identification of cathepsin L as a differentially expressed message associated with skeletal muscle wasting. Biochemical Journal, 2001, 360, 143-150.	1.7	142

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73	Identification of cathepsin L as a differentially expressed message associated with skeletal muscle wasting. Biochemical Journal, 2001, 360, 143.	1.7	96
74	Differential regulation of the lysosomal, Ca2+-dependent and ubiquitin/proteasome-dependent proteolytic pathways in fast-twitch and slow-twitch rat muscle following hyperinsulinaemia. Clinical Science, 2001, 101, 551.	1.8	14
75	Differential regulation of the lysosomal, Ca2+-dependent and ubiquitin/proteasome-dependent proteolytic pathways in fast-twitch and slow-twitch rat muscle following hyperinsulinaemia. Clinical Science, 2001, 101, 551-558.	1.8	23
76	La protÃ©olyse ubiquitine-protÃ©asome-dÃ©pendante : une machinerie complexe spÃ©cialisÃ©e dans la destruction sÃ©lective et hautement rÃ©gulÃ©e des protÃ©ines. Nutrition Clinique Et Metabolisme, 2001, 15, 23-31.	0.2	1
77	Differential regulation of the lysosomal, Ca2+-dependent and ubiquitin/proteasome-dependent proteolytic pathways in fast-twitch and slow-twitch rat muscle following hyperinsulinaemia. Clinical Science, 2001, 101, 551-8.	1.8	6
78	Fasting does not increase mRNA levels of proteolytic systems in small intestinal mucosa of the rat. Journal of Nutritional Biochemistry, 2000, 11, 496-499.	1.9	4
79	Lower recovery of muscle protein lost during starvation in old rats despite a stimulation of protein synthesis. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E608-E616.	1.8	28
80	Effects of underfeeding and refeeding on weight and cellularity of splanchnic organs in ewes.. Journal of Animal Science, 1999, 77, 2279.	0.2	31
81	Manipulation of the ubiquitin-proteasome pathway in cachexia: pentoxifylline suppresses the activation of 20S and 26S proteasomes in muscles from tumor-bearing rats. Molecular Biology Reports, 1999, 26, 95-101.	1.0	68
82	Adaptation of the ubiquitin-proteasome proteolytic pathway in cancer cachexia. Molecular Biology Reports, 1999, 26, 77-82.	1.0	51
83	Effects of alimentary whole proteins versus their smallpeptide hydrolysates on liver and skeletal muscle during the acute inflammation phase in the rat. Clinical Nutrition, 1998, 17, 169-176.	2.3	7
84	The Critical Role of the Ubiquitin-Proteasome Pathway in Muscle Wasting in Comparison to Lysosomal and Ca2+-Dependent Systems. Advances in Molecular and Cell Biology, 1998, , 235-266.	0.1	45
85	Ubiquitin-proteasome-dependent proteolysis in skeletal muscle. Reproduction, Nutrition, Development, 1998, 38, 153-165.	1.9	96
86	Glucocorticoids Do Not Regulate the Expression of Proteolytic Genes in Skeletal Muscle from Cushingâ€™s Syndrome Patients*. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3161-3164.	1.8	25
87	Expression of subunits of the 19S complex and of the PA28 activator in rat skeletal muscle. Molecular Biology Reports, 1997, 24, 95-102.	1.0	27
88	No alteration in gene expression of components of the ubiquitin proteasome proteolytic pathway in dystrophin-deficient muscles. FEBS Letters, 1996, 393, 292-296.	1.3	42
89	Gastrointestinal tract protein synthesis and mRNA levels for proteolytic systems in adult fasted rats. American Journal of Physiology - Endocrinology and Metabolism, 1996, 271, E232-E238.	1.8	25
90	Increased mRNA levels for components of the lysosomal, Ca2+-activated, and ATP-ubiquitin-dependent proteolytic pathways in skeletal muscle from head trauma patients.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 2714-2718.	3.3	206

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91	Euglycemic hyperinsulinemia and hyperaminoacidemia decrease skeletal muscle ubiquitin mRNA in goats. American Journal of Physiology - Endocrinology and Metabolism, 1996, 271, E505-E512.	1.8	15
92	Glutamine synthetase induction by glucocorticoids is preserved in skeletal muscle of aged rats. American Journal of Physiology - Endocrinology and Metabolism, 1996, 271, E1061-E1066.	1.8	18
93	Coordinate activation of lysosomal, Ca2+-activated and ATP-ubiquitin-dependent proteinases in the unweighted rat soleus muscle. Biochemical Journal, 1996, 316, 65-72.	1.7	247
94	A High Protein Diet Does Not Improve Protein Synthesis in the Nonweight-Bearing Rat Tibialis Anterior Muscle. Journal of Nutrition, 1996, 126, 266-272.	1.3	23
95	Muscle wasting in a rat model of long-lasting sepsis results from the activation of lysosomal, Ca2+ -activated, and ubiquitin-proteasome proteolytic pathways.. Journal of Clinical Investigation, 1996, 97, 1610-1617.	3.9	190
96	Nutrient Regulation of Skeletal Muscle Protein Metabolism in Animals. The Involvement of Hormones and Substrates. Nutrition Research Reviews, 1995, 8, 67-91.	2.1	40
97	Sensitivity and protein turnover response to glucocorticoids are different in skeletal muscle from adult and old rats. Lack of regulation of the ubiquitin-proteasome proteolytic pathway in aging.. Journal of Clinical Investigation, 1995, 96, 2113-2119.	3.9	149
98	Regulation of ATP-ubiquitin-dependent proteolysis in muscle wasting. Reproduction, Nutrition, Development, 1994, 34, 583-597.	1.9	32
99	Insulin-like growth factor-1 and insulin resistance in skeletal muscles of adult and old rats.. Endocrinology, 1994, 134, 1475-1484.	1.4	126
100	Increased ATP-ubiquitin-dependent proteolysis in skeletal muscles proximal to the tumor of Yoshide-sarcoma-bearing rats. Reproduction, Nutrition, Development, 1994, 34, 637-638.	1.9	7
101	Increased ATP-ubiquitin-dependent proteolysis in skeletal muscles of tumor-bearing rats. Cancer Research, 1994, 54, 5568-73.	0.4	168
102	Role of protein intake on protein synthesis and fiber distribution in the unweighted soleus muscle. Journal of Applied Physiology, 1993, 75, 1226-1232.	1.2	28
103	Pentoxifylline decreases body weight loss and muscle protein wasting characteristics of sepsis. American Journal of Physiology - Endocrinology and Metabolism, 1993, 265, E660-E666.	1.8	26
104	Changes in small intestinal mucosa morphology and cell renewal in suckling, prolonged-suckling, and weaned lambs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1991, 261, R811-R818.	0.9	13
105	Whole-body and tissue protein synthesis during brief and prolonged fasting in the rat. Clinical Science, 1991, 81, 611-619.	1.8	64
106	Brief fasting decreases protein synthesis in the brain of adult rats. Neurochemical Research, 1991, 16, 843-847.	1.6	7
107	Effect of Colostrum Feeding on Protein Metabolism in the Small Intestine of Newborn Lambs. Neonatology, 1990, 57, 30-36.	0.9	23
108	Contribution of liver, skin and skeletal muscle to whole-body protein synthesis in the young lamb. British Journal of Nutrition, 1988, 60, 77-84.	1.2	50

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109	Respective influences of age and weaning on skeletal and visceral muscle protein synthesis in the lamb. Biochemical Journal, 1988, 256, 791-795.	1.7	34
110	Orientations et coordination hormonale du mÃ©tabolisme protÃ©ique chez les ruminants. Reproduction, Nutrition, Development, 1988, 28, 19-37.	1.9	2
111	Protein synthesis and growth in the gastrointestinal tract of the young preruminant lamb. British Journal of Nutrition, 1987, 58, 159-169.	1.2	27
112	Assessment of in vivo protein synthesis in lamb tissues with [3H]valine flooding doses. Biochimica Et Biophysica Acta - General Subjects, 1986, 882, 389-397.	1.1	36
113	Protein synthesis in small intestine and liver during postnatal development in the lamb. Reproduction, Nutrition, Development, 1986, 26, 703-704.	1.9	10