

Lydie Combaret

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,392
citations

361413

20
h-index

330143

37
g-index

37
all docs

37
docs citations

37
times ranked

1969
citing authors

#	ARTICLE	IF	CITATIONS
1	The ubiquitin-proteasome system and skeletal muscle wasting. <i>Essays in Biochemistry</i> , 2005, 41, 173.	4.7	159
2	The ubiquitin-proteasome system and skeletal muscle wasting. <i>Essays in Biochemistry</i> , 2005, 41, 173-186.	4.7	140
3	Skeletal muscle proteolysis in aging. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009, 12, 37-41.	2.5	129
4	Muscle actin is polyubiquitinated <i>in vitro</i> and <i>in vivo</i> and targeted for breakdown by the E3 ligase MuRF1. <i>FASEB Journal</i> , 2011, 25, 3790-3802.	0.5	121
5	Skeletal Muscle Lipid Content and Oxidative Activity in Relation to Muscle Fiber Type in Aging and Metabolic Syndrome. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 566-576.	3.6	93
6	Apoptosis in capillary endothelial cells in ageing skeletal muscle. <i>Aging Cell</i> , 2014, 13, 254-262.	6.7	77
7	The ubiquitin-proteasome and the mitochondria-associated apoptotic pathways are sequentially downregulated during recovery after immobilization-induced muscle atrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1181-E1190.	3.5	66
8	Proteomics of muscle chronological ageing in post-menopausal women. <i>BMC Genomics</i> , 2014, 15, 1165.	2.8	64
9	Regulation of proteolysis during reloading of the unweighted soleus muscle. <i>International Journal of Biochemistry and Cell Biology</i> , 2003, 35, 665-675.	2.8	62
10	Curcumin treatment prevents increased proteasome and apoptosome activities in rat skeletal muscle during reloading and improves subsequent recovery. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 245-251.	4.2	42
11	A muscle-specific MuRF1 network requires stabilization of MuRF1 complexes by telethonin, a newly identified substrate. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 129-145.	7.3	36
12	The worsening of tibialis anterior muscle atrophy during recovery post-immobilization correlates with enhanced connective tissue area, proteolysis, and apoptosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E1335-E1347.	3.5	35
13	Ubiquitin Ligases at the Heart of Skeletal Muscle Atrophy Control. <i>Molecules</i> , 2021, 26, 407.	3.8	31
14	Muscle wasting in patients with end-stage renal disease or early-stage lung cancer: common mechanisms at work. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 323-337.	7.3	30
15	Lower skeletal muscle capillarization in hypertensive elderly men. <i>Experimental Gerontology</i> , 2016, 76, 80-88.	2.8	29
16	A New Method of Purification of Proteasome Substrates Reveals Polyubiquitination of 20 S Proteasome Subunits*. <i>Journal of Biological Chemistry</i> , 2007, 282, 5302-5309.	3.4	28
17	Docosahexaenoic acid supplementation prior to fasting prevents muscle atrophy in mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 587-603.	7.3	26
18	High intensity interval training promotes total and visceral fat mass loss in obese Zucker rats without modulating gut microbiota. <i>PLoS ONE</i> , 2019, 14, e0214660.	2.5	26

#	ARTICLE	IF	CITATIONS
19	Tissue-Specific Oxidative Stress Modulation by Exercise: A Comparison between MICT and HIIT in an Obese Rat Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	4.0	25
20	UBE2B is implicated in myofibrillar protein loss in catabolic C2C12 myotubes. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 377-387.	7.3	22
21	UBE2D2 is not involved in MuRF1-dependent muscle wasting during hindlimb suspension. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 488-493.	2.8	20
22	4Eâ€BP1 and 4Eâ€BP2 double knockout mice are protected from agingâ€associated sarcopenia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 696-709.	7.3	18
23	Muscle Proteomic and Transcriptomic Profiling of Healthy Aging and Metabolic Syndrome in Men. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4205.	4.1	15
24	The delayed recovery of the remobilized rat tibialis anterior muscle reflects a defect in proliferative and terminal differentiation that impairs early regenerative processes. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2015, 6, 73-83.	7.3	13
25	Mitophagy and Mitochondria Biogenesis Are Differentially Induced in Rat Skeletal Muscles during Immobilization and/or Remobilization. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3691.	4.1	13
26	Upregulation of MuRF1 and MAFbx participates to muscle wasting upon gentamicin-induced acute kidney injury. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 505-516.	2.8	12
27	High-Intensity Interval Training and Î±-Linolenic Acid Supplementation Improve DHA Conversion and Increase the Abundance of Gut Mucosa-Associated Oscillospira Bacteria. <i>Nutrients</i> , 2021, 13, 788.	4.1	11
28	Preventive Effect of Spontaneous Physical Activity on the Gut-Adipose Tissue in a Mouse Model That Mimics Crohnâ€™s Disease Susceptibility. <i>Cells</i> , 2019, 8, 33.	4.1	10
29	UBE2L3, a Partner of MuRF1/TRIM63, Is Involved in the Degradation of Myofibrillar Actin and Myosin. <i>Cells</i> , 2021, 10, 1974.	4.1	9
30	UBE2E1 Is Preferentially Expressed in the Cytoplasm of Slow-Twitch Fibers and Protects Skeletal Muscles from Exacerbated Atrophy upon Dexamethasone Treatment. <i>Cells</i> , 2018, 7, 214.	4.1	7
31	Concurrent BMP Signaling Maintenance and TGF-Î² Signaling Inhibition Is a Hallmark of Natural Resistance to Muscle Atrophy in the Hibernating Bear. <i>Cells</i> , 2021, 10, 1873.	4.1	7
32	Magnesium transport and homeostasis-related gene expression in skeletal muscle of young and old adults: analysis of the transcriptomic data from the PROOF cohort Study. <i>Magnesium Research</i> , 2019, 32, 72-82.	0.5	4
33	Specific shifts in the endocannabinoid system in hibernating brown bears. <i>Frontiers in Zoology</i> , 2020, 17, 35.	2.0	2
34	A Single Bout of Ultra-Endurance Exercise Reveals Early Signs of Muscle Aging in Master Athletes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3713.	4.1	2
35	Targeting the gut to prevent and counteract metabolic disorders and pathologies during aging. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 11185-11210.	10.3	2
36	Activation of the eIF2Î±-ATF4 Pathway by Chronic Paracetamol Treatment Is Prevented by Dietary Supplementation with Cysteine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7196.	4.1	2