Simon S Wing

List of Publications by Year
in descending order

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Version: 2024-02-01

57 papers	3,483 citations	147726 31 h-index	155592 55 g-index
57 all docs	57 docs citations	57 times ranked	4350 citing authors

#	Article	IF	Citations
1	Association of Low Muscle Mass With Cognitive Function During a 3-Year Follow-up Among Adults Aged 65 to 86 Years in the Canadian Longitudinal Study on Aging. JAMA Network Open, 2022, 5, e2219926.	2.8	13
2	Interactions of the super complexes: When mTORC1 meets the proteasome. International Journal of Biochemistry and Cell Biology, 2019, 117, 105638.	1.2	14
3	The deubiquitinating enzyme USP19 modulates adipogenesis and potentiates high-fat-diet-induced obesity and glucose intolerance in mice. Diabetologia, 2019, 62, 136-146.	2.9	17
4	The <scp>AMPK</scp> agonist 5â€aminoimidazoleâ€4â€carboxamide ribonucleotide (AICAR), but not metformin, prevents inflammationâ€associated cachectic muscle wasting. EMBO Molecular Medicine, 2018, 10, .	3.3	58
5	Knockout of USP19 Deubiquitinating Enzyme Prevents Muscle Wasting by Modulating Insulin and Glucocorticoid Signaling. Endocrinology, 2018, 159, 2966-2977.	1.4	11
6	Huwe1 Regulates the Establishment and Maintenance of Spermatogonia by Suppressing DNA Damage Response. Endocrinology, 2017, 158, 4000-4016.	1.4	21
7	Ubiquitin Ligase Huwe1 Modulates Spermatogenesis by Regulating Spermatogonial Differentiation and Entry into Meiosis. Scientific Reports, 2017, 7, 17759.	1.6	17
8	The ubiquitin proteasome system in atrophying skeletal muscle: roles and regulation. American Journal of Physiology - Cell Physiology, 2016, 311, C392-C403.	2.1	117
9	Proteolysis â^' A master regulator in health and disease. International Journal of Biochemistry and Cell Biology, 2016, 79, 402.	1.2	1
10	Deubiquitinating enzymes in skeletal muscle atrophyâ€"An essential role for USP19. International Journal of Biochemistry and Cell Biology, 2016, 79, 462-468.	1.2	22
11	Role of the deubiquitinating enzyme ubiquitin-specific protease-14 in proteostasis in renal cells. American Journal of Physiology - Renal Physiology, 2016, 311, F1035-F1046.	1.3	14
12	The business of deubiquitination â€" location, location, location. F1000Research, 2016, 5, 163.	0.8	18
13	Inactivation of the ubiquitin-specific protease 19 deubiquitinating enzyme protects against muscle wasting. FASEB Journal, 2015, 29, 3889-3898.	0.2	38
14	USP19 deubiquitinating enzyme inhibits muscle cell differentiation by suppressing unfolded-protein response signaling. Molecular Biology of the Cell, 2015, 26, 913-923.	0.9	36
15	A central role for ubiquitination within a circadian clock protein modification code. Frontiers in Molecular Neuroscience, 2014, 7, 69.	1.4	79
16	USP2 Regulates the Intracellular Localization of PER1 and Circadian Gene Expression. Journal of Biological Rhythms, 2014, 29, 243-256.	1.4	32
17	Ubiquitinâ€"Proteasome System in Spermatogenesis. Advances in Experimental Medicine and Biology, 2014, 759, 181-213.	0.8	65
18	Deubiquitinases in skeletal muscle atrophy. International Journal of Biochemistry and Cell Biology, 2013, 45, 2130-2135.	1.2	30

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19	Targeting Protein Synthesis in a Myc/mTOR-Driven Model of Anorexia-Cachexia Syndrome Delays Its Onset and Prolongs Survival. Cancer Research, 2012, 72, 747-756.	0.4	34
20	Ataxin-3 Deubiquitination Is Coupled to Parkin Ubiquitination via E2 Ubiquitin-conjugating Enzyme. Journal of Biological Chemistry, 2012, 287, 531-541.	1.6	64
21	Regulation of behavioral circadian rhythms and clock protein PER1 by the deubiquitinating enzyme USP2. Biology Open, 2012, 1, 789-801.	0.6	38
22	Expression of the Ubiquitin Proteasome System in Neonatal Rat Gonocytes and Spermatogonia: Role in Gonocyte Differentiation1. Biology of Reproduction, 2012, 87, 44.	1.2	33
23	Complement modulates the function of the ubiquitinâ€“proteasome system and endoplasmic reticulum-associated degradation in glomerular epithelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1007-1016.	1.9	20
24	Proteolysis in illness-associated skeletal muscle atrophy: from pathways to networks. Critical Reviews in Clinical Laboratory Sciences, 2011, 48, 49-70.	2.7	62
25	Mice Lacking the USP2 Deubiquitinating Enzyme Have Severe Male Subfertility Associated with Defects in Fertilization and Sperm Motility. Biology of Reproduction, 2011, 85, 594-604.	1.2	64
26	Identification of Distinctive Patterns of USP19-Mediated Growth Regulation in Normal and Malignant Cells. PLoS ONE, 2011, 6, e15936.	1.1	25
27	Skeletal muscle PI3K/Akt signaling and ubiquitinâ€related enzyme mRNA expression in lung cancer cachexia. FASEB Journal, 2011, 25, 1059.21.	0.2	0
28	Mechanisms Involved in 3â€²,5â€²-Cyclic Adenosine Monophosphate-Mediated Inhibition of the Ubiquitin-Proteasome System in Skeletal Muscle. Endocrinology, 2009, 150, 5395-5404.	1.4	41
29	USP19-deubiquitinating enzyme regulates levels of major myofibrillar proteins in L6 muscle cells. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E1283-E1290.	1.8	40
30	Fed-state clamp stimulates cellular mechanisms of muscle protein anabolism and modulates glucose disposal in normal men. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E105-E113.	1.8	19
31	USP19 Deubiquitinating Enzyme Supports Cell Proliferation by Stabilizing KPC1, a Ubiquitin Ligase for p27^{Kip1}. Molecular and Cellular Biology, 2009, 29, 547-558.	1.1	89
32	The UPS in diabetes and obesity. BMC Biochemistry, 2008, 9, S6.	4.4	45
33	Mechanisms involved in cAMP mediated inhibition of the Ubiquitinâ€Proteasome system. FASEB Journal, 2008, 22, 962.5.	0.2	0
34	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
35	Regulated expression of the ubiquitin protein ligase, E3^{Histone}/LASU1/Mule/ARFâ€BP1/HUWE1, during spermatogenesis. Developmental Dynamics, 2007, 236, 2889-2898.	0.8	45
36	Poly(A) binding protein (PABP) homeostasis is mediated by the stability of its inhibitor, Paip2. EMBO Journal, 2006, 25, 1934-1944.	3.5	98

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37	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
38	A proinflammatory tumor that activates protein degradation sensitizes rats to catabolic effects of endotoxin. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E527-E533.	1.8	6
39	Mice Lacking the UBC4-testis Gene Have a Delay in Postnatal Testis Development but Normal Spermatogenesis and Fertility. Molecular and Cellular Biology, 2005, 25, 6346-6354.	1.1	22
40	Characterization of E3 Histone , a Novel Testis Ubiquitin Protein Ligase Which Ubiquitinates Histones. Molecular and Cellular Biology, 2005, 25, 2819-2831.	1.1	126
41	Control of ubiquitination in skeletal muscle wasting. International Journal of Biochemistry and Cell Biology, 2005, 37, 2075-2087.	1.2	33
42	BH3-ligand regulates access of MCL-1 to its E3 ligase. FEBS Letters, 2005, 579, 5603-5608.	1.3	102
43	S-Nitrosylation of IRP2 Regulates Its Stability via the Ubiquitin-Proteasome Pathway. Molecular and Cellular Biology, 2004, 24, 330-337.	1.1	85
44	Deubiquitinating enzymesâ€"the importance of driving in reverse along the ubiquitinâ€"proteasome pathway. International Journal of Biochemistry and Cell Biology, 2003, 35, 590-605.	1.2	169
45	Effect of heart failure on the regulation of skeletal muscle protein synthesis, breakdown, and apoptosis. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E1001-E1008.	1.8	22
46	Characterization of Rat100, a 300-Kilodalton Ubiquitin-Protein Ligase Induced in Germ Cells of the Rat Testis and Similar to the Drosophila Hyperplastic Discs Gene. Endocrinology, 2002, 143, 3740-3747.	1.4	20
47	Ubiquitin-conjugating enzyme E214k/HR6B is dispensable for increased protein catabolism in muscle of fasted mice. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E482-E489.	1.8	27
48	Control of ubiquitination of proteins in rat tissues by ubiquitin conjugating enzymes and isopeptidases. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E739-E745.	1.8	36
49	Divergent N-terminal Sequences of a Deubiquitinating Enzyme Modulate Substrate Specificity. Journal of Biological Chemistry, 2001, 276, 20357-20363.	1.6	41
50	Divergent N-Terminal Sequences Target an Inducible Testis Deubiquitinating Enzyme to Distinct Subcellular Structures. Molecular and Cellular Biology, 2000, 20, 6568-6578.	1.1	68
51	Identification of Rabbit Reticulocyte E217K as a UBC7 Homologue and Functional Characterization of Its Core Domain Loop. Journal of Biological Chemistry, 1999, 274, 14685-14691.	1.6	9
52	The Tyrosine Kinase Negative Regulator c-Cbl as a RING-Type, E2-Dependent Ubiquitin-Protein Ligase. Science, 1999, 286, 309-312.	6.0	963
53	Activation of a UBC4-Dependent Pathway of Ubiquitin Conjugation during Postnatal Development of the Rat Testis. Developmental Biology, 1999, 212, 217-228.	0.9	53
54	Identification of Amino Acid Residues in a Class I Ubiquitin-conjugating Enzyme Involved in Determining Specificity of Conjugation of Ubiquitin to Proteins. Journal of Biological Chemistry, 1998, 273, 18435-18442.	1.6	14

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55	Preproparathyroid Hormone-related Protein, a Secreted Peptide, Is a Substrate for the Ubiquitin Proteolytic System. Journal of Biological Chemistry, 1997, 272, 6706-6713.	1.6	30
56	Insulin-like growth factor I stimulates degradation of an mRNA transcript encoding the 14 kDa ubiquitin-conjugating enzyme. Biochemical Journal, 1996, 319, 455-461.	1.7	50
57	Endocrine regulation of protein breakdown in skeletal muscle. Diabetes/metabolism Reviews, 1988, 4, 751-772.	0.4	175