

Chad Slawson

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

4,879
citations

257450

24
h-index

233421

45
g-index

65
all docs

65
docs citations

65
times ranked

5032
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Liver Regeneration by Hepatocyte O-GlcNAcylation in Mice. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1510-1529.	4.5	18
2	A sugary addition to the urea cycle. Journal of Molecular Cell Biology, 2022, , .	3.3	0
3	Ttc21b deficiency attenuates autosomal dominant polycystic kidney disease in a kidney tubular- and maturation-dependent manner. Kidney International, 2022, 102, 577-591.	5.2	9
4	Mapping the O-GlcNAc Modified Proteome: Applications for Health and Disease. Frontiers in Molecular Biosciences, 2022, 9, .	3.5	6
5	Chromosomal localization of Ewing sarcoma EWSR1/FLI1 protein promotes the induction of aneuploidy. Journal of Biological Chemistry, 2021, 296, 100164.	3.4	5
6	O-GlcNAcylation and O-GlcNAc Cycling Regulate Gene Transcription: Emerging Roles in Cancer. Cancers, 2021, 13, 1666.	3.7	62
7	The Role of O-GlcNAcylation in Immune Cell Activation. Frontiers in Endocrinology, 2021, 12, 596617.	3.5	17
8	O-GlcNAc controls mitochondrial quality control mechanisms and mitochondrial stress response proteins. FASEB Journal, 2021, 35, .	0.5	0
9	Sustained O-GlcNAcylation causes ERK Signal and APP Amplification. FASEB Journal, 2021, 35, .	0.5	0
10	Changes in O-GlcNAcylation Alter Mitochondrial Function. FASEB Journal, 2021, 35, .	0.5	0
11	Editorial: Nutrient Sensing: The Constant in All Other Things. Frontiers in Endocrinology, 2021, 12, 705640.	3.5	0
12	O-GlcNAc cycling mediates energy balance by regulating caloric memory. Appetite, 2021, 165, 105320.	3.7	4
13	A proteolytic method for evaluating O-GlcNAcylation on proteins of similar molecular weight to antibody heavy chain after immunoprecipitation. Analytical Biochemistry, 2020, 611, 114001.	2.4	1
14	OGA Inhibition Alters Energetics and Nutrient Sensing in Alzheimer's Disease Cytoplasmic Hybrids. Journal of Alzheimer's Disease, 2020, 78, 1743-1753.	2.6	1
15	Regulation of GATA-1-Controlled Genes By O-GlcNAcylation in Erythroid Cells. Blood, 2020, 136, 46-47.	1.4	1
16	O-GlcNAc modification of Sox2 regulates self-renewal in pancreatic cancer by promoting its stability. Theranostics, 2019, 9, 3410-3424.	10.0	45
17	Elevated O-GlcNAcylation enhances pro-inflammatory Th17 function by altering the intracellular lipid microenvironment. Journal of Biological Chemistry, 2019, 294, 8973-8990.	3.4	41
18	Disruption of O-GlcNAc homeostasis during mammalian oocyte meiotic maturation impacts fertilization. Molecular Reproduction and Development, 2019, 86, 543-557.	2.0	17

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19	O-GlcNAc homeostasis contributes to cell fate decisions during hematopoiesis. <i>Journal of Biological Chemistry</i> , 2019, 294, 1363-1379.	3.4	33
20	O-GlcNAcylation: The Switch between Termination of Regeneration and Initiation of Hepatic Dysplasia. <i>FASEB Journal</i> , 2019, 33, 369.10.	0.5	0
21	Fine Tuning of Hemoglobin Switching and Erythropoiesis. <i>FASEB Journal</i> , 2019, 33, 620.9.	0.5	0
22	O-GlcNAcylation Is Essential for Erythropoiesis. <i>Blood</i> , 2019, 134, 2218-2218.	1.4	5
23	O-GlcNAc: a novel regulator of immunometabolism. <i>Journal of Bioenergetics and Biomembranes</i> , 2018, 50, 223-229.	2.3	18
24	Modulation of O-GlcNAc Levels in the Liver Impacts Acetaminophen-Induced Liver Injury by Affecting Protein Adduct Formation and Glutathione Synthesis. <i>Toxicological Sciences</i> , 2018, 162, 599-610.	3.1	26
25	O-GlcNAc-Dependent Regulation of Progesterone Receptor Function in Breast Cancer. <i>Hormones and Cancer</i> , 2018, 9, 12-21.	4.9	22
26	Real Talk: The Inter-play Between the mTOR, AMPK, and Hexosamine Biosynthetic Pathways in Cell Signaling. <i>Frontiers in Endocrinology</i> , 2018, 9, 522.	3.5	56
27	New ways of thinking about old things: the role of O-GlcNAc in cellular metabolism. <i>Journal of Bioenergetics and Biomembranes</i> , 2018, 50, 153-154.	2.3	0
28	Elevated O-GlcNAc Exacerbates Pro-inflammatory Cytokine Secretion from CD4 + T cells. <i>FASEB Journal</i> , 2018, 32, 673.9.	0.5	0
29	The sweet side of the cell cycle. <i>Biochemical Society Transactions</i> , 2017, 45, 313-322.	3.4	36
30	A bioenergetics systems evaluation of ketogenic diet liver effects. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 955-962.	1.9	16
31	Sustained O-GlcNAcylation reprograms mitochondrial function to regulate energy metabolism. <i>Journal of Biological Chemistry</i> , 2017, 292, 14940-14962.	3.4	79
32	O-Linked N-Acetylglucosamine (O-GlcNAc) Transferase and O-GlcNAcase Interact with Mi2 ² Protein at the A1 ³ -Globin Promoter. <i>Journal of Biological Chemistry</i> , 2016, 291, 15628-15640.	3.4	21
33	Reduced O-GlcNAcase expression promotes mitotic errors and spindle defects. <i>Cell Cycle</i> , 2016, 15, 1363-1375.	2.6	22
34	Changes in O-Linked N-Acetylglucosamine (O-GlcNAc) Homeostasis Activate the p53 Pathway in Ovarian Cancer Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 18897-18914.	3.4	70
35	Sweet action: The dynamics of O-GlcNAcylation during meiosis in mouse oocytes. <i>Molecular Reproduction and Development</i> , 2015, 82, 915-915.	2.0	8
36	Removal of Abnormal Myofilament O-GlcNAcylation Restores Ca ²⁺ Sensitivity in Diabetic Cardiac Muscle. <i>Diabetes</i> , 2015, 64, 3573-3587.	0.6	82

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37	Effect of one month duration ketogenic and non-ketogenic high fat diets on mouse brain bioenergetic infrastructure. <i>Journal of Bioenergetics and Biomembranes</i> , 2015, 47, 1-11.	2.3	23
38	O-GlcNAcase Expression is Sensitive to Changes in O-GlcNAc Homeostasis. <i>Frontiers in Endocrinology</i> , 2014, 5, 206.	3.5	103
39	Altering O-Linked β -N-Acetylglucosamine Cycling Disrupts Mitochondrial Function. <i>Journal of Biological Chemistry</i> , 2014, 289, 14719-14730.	3.4	81
40	The Mechanism for Tau Tangles (LB102). <i>FASEB Journal</i> , 2014, 28, LB102.	0.5	0
41	NleB, a Bacterial Effector with Glycosyltransferase Activity, Targets GAPDH Function to Inhibit NF- κ B Activation. <i>Cell Host and Microbe</i> , 2013, 13, 87-99.	11.0	126
42	O-Linked N-Acetylglucosamine Cycling Regulates Mitotic Spindle Organization. <i>Journal of Biological Chemistry</i> , 2013, 288, 27085-27099.	3.4	30
43	Quantitative Proteomics to Profile Post-translational Modifications During M Phase: Interplay Between O-GlcNAcylation and Phosphorylation. <i>FASEB Journal</i> , 2013, 27, 555.4.	0.5	0
44	O-GlcNAc: The sweet side of protein regulation. <i>FASEB Journal</i> , 2013, 27, lb181.	0.5	0
45	O-GlcNAcylation Regulates β -Globin Transcription. <i>Blood</i> , 2013, 122, 1020-1020.	1.4	0
46	The regulation of Aurora Kinase B by O-GlcNAcylation. <i>FASEB Journal</i> , 2012, 26, 934.5.	0.5	0
47	Identification of OGT interacting proteins at M phase. <i>FASEB Journal</i> , 2012, 26, 934.7.	0.5	0
48	Quantitative proteomic analysis of proteins and post-translational modifications during the metaphase to anaphase transition after altered O-GlcNAcylation. <i>FASEB Journal</i> , 2012, 26, 978.5.	0.5	0
49	Cross Talk Between O-GlcNAcylation and Phosphorylation: Roles in Signaling, Transcription, and Chronic Disease. <i>Annual Review of Biochemistry</i> , 2011, 80, 825-858.	11.1	1,081
50	O-GlcNAc signalling: implications for cancer cell biology. <i>Nature Reviews Cancer</i> , 2011, 11, 678-684.	28.4	385
51	The E2F-1 associated retinoblastoma-susceptibility gene product is modified by O-GlcNAc. <i>Amino Acids</i> , 2011, 40, 877-883.	2.7	41
52	Extensive Crosstalk Between O-GlcNAcylation and Phosphorylation Regulates Cytokinesis. <i>Science Signaling</i> , 2010, 3, ra2.	3.6	262
53	O-Linked N-Acetylglucosamine Modification on CCAAT Enhancer-binding Protein β . <i>Journal of Biological Chemistry</i> , 2009, 284, 19248-19254.	3.4	66
54	A Mitotic GlcNAcylation/Phosphorylation Signaling Complex Alters the Posttranslational State of the Cytoskeletal Protein Vimentin. <i>Molecular Biology of the Cell</i> , 2008, 19, 4130-4140.	2.1	147

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55	Cycling of O-linked β -N-acetylglucosamine on nucleocytoplasmic proteins. <i>Nature</i> , 2007, 446, 1017-1022.	27.8	1,246
56	Vimentin is a Target of an O-GlcNAc/O-Phosphate Signaling Complex at Mitosis. <i>FASEB Journal</i> , 2007, 21, A615.	0.5	0
57	O-GlcNAc cycling: How a single sugar post-translational modification is changing the Way We think about signaling networks. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 71-83.	2.6	152
58	O-GlcNAc Transferase is a Critical Regulator of Cytokinesis. <i>FASEB Journal</i> , 2006, 20, A37.	0.5	1
59	Perturbations in O-linked β -N-Acetylglucosamine Protein Modification Cause Severe Defects in Mitotic Progression and Cytokinesis. <i>Journal of Biological Chemistry</i> , 2005, 280, 32944-32956.	3.4	247
60	Dynamic interplay between O-GlcNAc and O-phosphate: the sweet side of protein regulation. <i>Current Opinion in Structural Biology</i> , 2003, 13, 631-636.	5.7	124
61	Characterization of the O-GlcNAc protein modification in <i>Xenopus laevis</i> oocyte during oogenesis and progesterone-stimulated maturation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002, 1573, 121-129.	2.4	34
62	Biocatalytic Lactone Generation in Genetically Engineered <i>Escherichia coli</i> and Identification of Products by Gas Chromatography-Mass Spectroscopy. <i>Journal of Chemical Education</i> , 2001, 78, 1533.	2.3	6