Lindsay E Wu

List of Publications by Year
in descending order

40 papers	2,964 citations	361413 20 h-index	302126 39 g-index
48 all docs	48 docs citations	48 times ranked	5340 citing authors

#	Article	IF	Citations
1	The Ratio of Macronutrients, Not Caloric Intake, Dictates Cardiometabolic Health, Aging, and Longevity in Ad Libitum-Fed Mice. Cell Metabolism, 2014, 19, 418-430.	16.2	768
2	Impairment of an Endothelial NAD+-H2S Signaling Network Is a Reversible Cause of Vascular Aging. Cell, 2018, 173, 74-89.e20.	28.9	333
3	IRS1-Independent Defects Define Major Nodes of Insulin Resistance. Cell Metabolism, 2008, 7, 421-433.	16.2	266
4	<scp>SIRT</scp>2 induces the checkpoint kinase BubR1 to increase lifespan. EMBO Journal, 2014, 33, 1438-1453.	7.8	195
5	NAD+ Repletion Rescues Female Fertility during Reproductive Aging. Cell Reports, 2020, 30, 1670-1681.e7.	6.4	169
6	Pigment Epithelium-Derived Factor Contributes to Insulin Resistance in Obesity. Cell Metabolism, 2009, 10, 40-47.	16.2	159
7	Hepatic fat loss in advanced nonalcoholic steatohepatitis: Are alterations in serum adiponectin the cause?. Hepatology, 2013, 57, 2180-2188.	7.3	136
8	Intrinsic Depot-Specific Differences in the Secretome of Adipose Tissue, Preadipocytes, and Adipose Tissueâ€"Derived Microvascular Endothelial Cells. Diabetes, 2010, 59, 3008-3016.	0.6	108
9	Identification of fatty acid binding protein 4 as an adipokine that regulates insulin secretion during obesity. Molecular Metabolism, 2014, 3, 465-473.	6.5	96
10	Silicon nitride as a versatile growth substrate for microspectroscopic imaging and mapping of individual cells. Molecular BioSystems, 2010, 6, 1316.	2.9	72
11	Restoration of normal embryogenesis by mitochondrial supplementation in pig oocytes exhibiting mitochondrial DNA deficiency. Scientific Reports, 2016, 6, 23229.	3.3	65
12	Inhibition of hepatic lipogenesis enhances liver tumorigenesis by increasing antioxidant defence and promoting cell survival. Nature Communications, 2017, 8, 14689.	12.8	65
13	Ultrastructure of the liver microcirculation influences hepatic and systemic insulin activity and provides a mechanism for ageâ€related insulin resistance. Aging Cell, 2016, 15, 706-715.	6.7	60
14	Carcinogenic Chromium(VI) Compounds Formed by Intracellular Oxidation of Chromium(III) Dietary Supplements by Adipocytes. Angewandte Chemie - International Edition, 2016, 55, 1742-1745.	13.8	54
15	Geroncogenesis: Metabolic Changes during Aging as a Driver of Tumorigenesis. Cancer Cell, 2014, 25, 12-19.	16.8	52
16	Quantifying the cellular NAD+ metabolome using a tandem liquid chromatography mass spectrometry approach. Metabolomics, 2018, 14, 15.	3.0	45
17	Dynamic Acetylation of Phosphoenolpyruvate Carboxykinase Toggles Enzyme Activity between Gluconeogenic and Anaplerotic Reactions. Molecular Cell, 2018, 71, 718-732.e9.	9.7	45
18	Systemic VEGF-A Neutralization Ameliorates Diet-Induced Metabolic Dysfunction. Diabetes, 2014, 63, 2656-2667.	0.6	29

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19	Niclosamide reduces glucagon sensitivity via hepatic PKA inhibition in obese mice: Implications for glucose metabolism improvements in type 2 diabetes. Scientific Reports, 2017, 7, 40159.	3.3	23
20	Niclosamide blocks glucagon phosphorylation of Ser552 on Î²-catenin in primary rat hepatocytes via PKA signalling. Biochemical Journal, 2016, 473, 1247-1255.	3.7	19
21	Nicotinamide Impairs Entry into and Exit from Meiosis I in Mouse Oocytes. PLoS ONE, 2015, 10, e0126194.	2.5	17
22	Restoring stem cells â€" all you need is NAD+. Cell Research, 2016, 26, 971-972.	12.0	15
23	<scp>SIRT</scp> 2 controls the pentose phosphate switch. EMBO Journal, 2014, 33, 1287-1288.	7.8	12
24	Exercise-induced benefits on glucose handling in a model of diet-induced obesity are reduced by concurrent nicotinamide mononucleotide. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E176-E189.	3.5	11
25	ISL1 Regulates Peroxisome Proliferator-Activated Receptor Â Activation and Early Adipogenesis via Bone Morphogenetic Protein 4-Dependent and -Independent Mechanisms. Molecular and Cellular Biology, 2014, 34, 3607-3617.	2.3	10
26	The elusive NMN transporter is found. Nature Metabolism, 2019, 1, 8-9.	11.9	9
27	Prospects of Rescuing Young Eggs for Oncofertility. Trends in Endocrinology and Metabolism, 2020, 31, 708-711.	7.1	9
28	Multispectral autofluorescence characteristics of reproductive aging in old and young mouse oocytes. Biogerontology, 2022, 23, 237-249.	3.9	8
29	Carcinogenic Chromium(VI) Compounds Formed by Intracellular Oxidation of Chromium(III) Dietary Supplements by Adipocytes. Angewandte Chemie, 2016, 128, 1774-1777.	2.0	7
30	Risks and rewards of targeting NAD+ homeostasis in the brain. Mechanisms of Ageing and Development, 2021, 198, 111545.	4.6	6
31	Calsyntenin-1 mediates hepatitis C virus replication. Journal of General Virology, 2016, 97, 1877-1887.	2.9	5
32	Sirtuin Activation by Small Molecules. , 2016, , 243-266.		3
33	Impact of nicotinamide mononucleotide on transplanted mouse ovarian tissue. Reproduction, 2021, 161, 215-226.	2.6	3
34	Unique Deep Radiomic Signature Shows NMN Treatment Reverses Morphology of Oocytes from Aged Mice. Biomedicines, 2022, 10, 1544.	3.2	3
35	Transposable Elements Cross Kingdom Boundaries and Contribute to Inflammation and Ageing. BioEssays, 2020, 42, 1900197.	2.5	2
36	Macrophage infiltration and cytokine release in adipose tissue: angiogenesis or inflammation?. Diabetology International, 2010, 1, 26-34.	1.4	1

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37	Hepatic regeneration in aging: Cell type plasticity and redundancies. Advances in Stem Cells and Their Niches, 2020, , 127-171.	0.1	1
38	Circulating <scp>AFABP</scp> promotes insulin secretion. Obesity, 2015, 23, 1525-1525.	3.0	0
39	Extension of physical endurance and protection against physical, chemical and radiological trauma by NAD + precursors. Journal of Science and Medicine in Sport, 2017, 20, S165-S166.	1.3	0
40	Effect of Dietary Nicotinamide Mononucleotide (NMN) on Function and Mechanics of Skeletal Muscle Arteries from Aged Mice. FASEB Journal, 2020, 34, 1-1.	0.5	0