

Lindsay E Wu

List of Publications by Year in descending order

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Version: 2024-02-01

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	Multispectral autofluorescence characteristics of reproductive aging in old and young mouse oocytes. <i>Biogerontology</i> , 2022, 23, 237-249.	3.9	8
2	Unique Deep Radiomic Signature Shows NMN Treatment Reverses Morphology of Oocytes from Aged Mice. <i>Biomedicines</i> , 2022, 10, 1544.	3.2	3
3	Impact of nicotinamide mononucleotide on transplanted mouse ovarian tissue. <i>Reproduction</i> , 2021, 161, 215-226.	2.6	3
4	Exercise-induced benefits on glucose handling in a model of diet-induced obesity are reduced by concurrent nicotinamide mononucleotide. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 321, E176-E189.	3.5	11
5	Risks and rewards of targeting NAD ⁺ homeostasis in the brain. <i>Mechanisms of Ageing and Development</i> , 2021, 198, 111545.	4.6	6
6	Prospects of Rescuing Young Eggs for Oncofertility. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 708-711.	7.1	9
7	NAD ⁺ Repletion Rescues Female Fertility during Reproductive Aging. <i>Cell Reports</i> , 2020, 30, 1670-1681.e7.	6.4	169
8	Transposable Elements Cross Kingdom Boundaries and Contribute to Inflammation and Ageing. <i>BioEssays</i> , 2020, 42, 1900197.	2.5	2
9	Hepatic regeneration in aging: Cell type plasticity and redundancies. <i>Advances in Stem Cells and Their Niches</i> , 2020, , 127-171.	0.1	1
10	Effect of Dietary Nicotinamide Mononucleotide (NMN) on Function and Mechanics of Skeletal Muscle Arteries from Aged Mice. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
11	The elusive NMN transporter is found. <i>Nature Metabolism</i> , 2019, 1, 8-9.	11.9	9
12	Quantifying the cellular NAD ⁺ metabolome using a tandem liquid chromatography mass spectrometry approach. <i>Metabolomics</i> , 2018, 14, 15.	3.0	45
13	Impairment of an Endothelial NAD ⁺ -H ₂ S Signaling Network Is a Reversible Cause of Vascular Aging. <i>Cell</i> , 2018, 173, 74-89.e20.	28.9	333
14	Dynamic Acetylation of Phosphoenolpyruvate Carboxykinase Toggles Enzyme Activity between Gluconeogenic and Anaplerotic Reactions. <i>Molecular Cell</i> , 2018, 71, 718-732.e9.	9.7	45
15	Niclosamide reduces glucagon sensitivity via hepatic PKA inhibition in obese mice: Implications for glucose metabolism improvements in type 2 diabetes. <i>Scientific Reports</i> , 2017, 7, 40159.	3.3	23
16	Inhibition of hepatic lipogenesis enhances liver tumorigenesis by increasing antioxidant defence and promoting cell survival. <i>Nature Communications</i> , 2017, 8, 14689.	12.8	65
17	Extension of physical endurance and protection against physical, chemical and radiological trauma by NAD ⁺ precursors. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S165-S166.	1.3	0
18	Ultrastructure of the liver microcirculation influences hepatic and systemic insulin activity and provides a mechanism for age-related insulin resistance. <i>Aging Cell</i> , 2016, 15, 706-715.	6.7	60

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19	Carcinogenic Chromium(VI) Compounds Formed by Intracellular Oxidation of Chromium(III) Dietary Supplements by Adipocytes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1742-1745.	13.8	54
20	Niclosamide blocks glucagon phosphorylation of Ser552 on β -catenin in primary rat hepatocytes via PKA signalling. <i>Biochemical Journal</i> , 2016, 473, 1247-1255.	3.7	19
21	Sirtuin Activation by Small Molecules. , 2016, , 243-266.		3
22	Restoration of normal embryogenesis by mitochondrial supplementation in pig oocytes exhibiting mitochondrial DNA deficiency. <i>Scientific Reports</i> , 2016, 6, 23229.	3.3	65
23	Restoring stem cells "all you need is NAD+. <i>Cell Research</i> , 2016, 26, 971-972.	12.0	15
24	Carcinogenic Chromium(VI) Compounds Formed by Intracellular Oxidation of Chromium(III) Dietary Supplements by Adipocytes. <i>Angewandte Chemie</i> , 2016, 128, 1774-1777.	2.0	7
25	Calsyntenin-1 mediates hepatitis C virus replication. <i>Journal of General Virology</i> , 2016, 97, 1877-1887.	2.9	5
26	Circulating <i>AFABP</i> promotes insulin secretion. <i>Obesity</i> , 2015, 23, 1525-1525.	3.0	0
27	Nicotinamide Impairs Entry into and Exit from Meiosis I in Mouse Oocytes. <i>PLoS ONE</i> , 2015, 10, e0126194.	2.5	17
28	Identification of fatty acid binding protein 4 as an adipokine that regulates insulin secretion during obesity. <i>Molecular Metabolism</i> , 2014, 3, 465-473.	6.5	96
29	The Ratio of Macronutrients, Not Caloric Intake, Dictates Cardiometabolic Health, Aging, and Longevity in Ad Libitum-Fed Mice. <i>Cell Metabolism</i> , 2014, 19, 418-430.	16.2	768
30	<i>SIRT2</i> induces the checkpoint kinase BubR1 to increase lifespan. <i>EMBO Journal</i> , 2014, 33, 1438-1453.	7.8	195
31	<i>SIRT2</i> controls the pentose phosphate switch. <i>EMBO Journal</i> , 2014, 33, 1287-1288.	7.8	12
32	Gerontogenesis: Metabolic Changes during Aging as a Driver of Tumorigenesis. <i>Cancer Cell</i> , 2014, 25, 12-19.	16.8	52
33	ISL1 Regulates Peroxisome Proliferator-Activated Receptor α Activation and Early Adipogenesis via Bone Morphogenetic Protein 4-Dependent and -Independent Mechanisms. <i>Molecular and Cellular Biology</i> , 2014, 34, 3607-3617.	2.3	10
34	Systemic VEGF-A Neutralization Ameliorates Diet-Induced Metabolic Dysfunction. <i>Diabetes</i> , 2014, 63, 2656-2667.	0.6	29
35	Hepatic fat loss in advanced nonalcoholic steatohepatitis: Are alterations in serum adiponectin the cause?. <i>Hepatology</i> , 2013, 57, 2180-2188.	7.3	136
36	Macrophage infiltration and cytokine release in adipose tissue: angiogenesis or inflammation?. <i>Diabetology International</i> , 2010, 1, 26-34.	1.4	1

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37	Intrinsic Depot-Specific Differences in the Secretome of Adipose Tissue, Preadipocytes, and Adipose Tissue-Derived Microvascular Endothelial Cells. <i>Diabetes</i> , 2010, 59, 3008-3016.	0.6	108
38	Silicon nitride as a versatile growth substrate for microspectroscopic imaging and mapping of individual cells. <i>Molecular BioSystems</i> , 2010, 6, 1316.	2.9	72
39	Pigment Epithelium-Derived Factor Contributes to Insulin Resistance in Obesity. <i>Cell Metabolism</i> , 2009, 10, 40-47.	16.2	159
40	IRS1-Independent Defects Define Major Nodes of Insulin Resistance. <i>Cell Metabolism</i> , 2008, 7, 421-433.	16.2	266