

# AndrÃ© Kleinriders

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4430061/publications.pdf>

Version: 2024-02-01

48  
papers

5,310  
citations

159525

30  
h-index

223716

46  
g-index

51  
all docs

51  
docs citations

51  
times ranked

9421  
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity Hinders the Protective Effect of Selenite Supplementation on Insulin Signaling. <i>Antioxidants</i> , 2022, 11, 862.	2.2	8
2	Central Acting Hsp10 Regulates Mitochondrial Function, Fatty Acid Metabolism, and Insulin Sensitivity in the Hypothalamus. <i>Antioxidants</i> , 2021, 10, 711.	2.2	6
3	Hemiceitin-1 is an essential extracellular matrix component of the dermal epidermal and myotendinous junctions. <i>Scientific Reports</i> , 2021, 11, 17926.	1.6	24
4	Orexin receptors 1 and 2 in serotonergic neurons differentially regulate peripheral glucose metabolism in obesity. <i>Nature Communications</i> , 2021, 12, 5249.	5.8	17
5	HSP60 reduction protects against diet-induced obesity by modulating energy metabolism in adipose tissue. <i>Molecular Metabolism</i> , 2021, 53, 101276.	3.0	14
6	Untangling the effect of insulin action on brain mitochondria and metabolism. <i>Journal of Neuroendocrinology</i> , 2021, 33, e12932.	1.2	27
7	Insulin Receptor. , 2021, , 1-8.		0
8	Insulin Receptor. , 2021, , 831-838.		0
9	Cell autonomous requirement of neurofibromin (Nf1) for postnatal muscle hypertrophic growth and metabolic homeostasis. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1758-1778.	2.9	8
10	Interplay of Dietary Fatty Acids and Cholesterol Impacts Brain Mitochondria and Insulin Action. <i>Nutrients</i> , 2020, 12, 1518.	1.7	11
11	Low steady-state oxidative stress inhibits adipogenesis by altering mitochondrial dynamics and decreasing cellular respiration. <i>Redox Biology</i> , 2020, 32, 101507.	3.9	17
12	Central nervous pathways of insulin action in the control of metabolism and food intake. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 524-534.	5.5	126
13	GPx3 dysregulation impacts adipose tissue insulin receptor expression and sensitivity. <i>JCI Insight</i> , 2020, 5, .	2.3	29
14	1654-P: Deletion of the Mammalian Indy Homolog (Slc13a5) Improves Hepatic Insulin Sensitivity through Vagal Nerve Signaling. <i>Diabetes</i> , 2020, 69, 1654-P.	0.3	0
15	Reduced Oxidative Stress and Enhanced FGF21 Formation in Livers of Endurance-Exercised Rats with Diet-Induced NASH. <i>Nutrients</i> , 2019, 11, 2709.	1.7	15
16	Trimethylamine N-Oxide Binds and Activates PERK to Promote Metabolic Dysfunction. <i>Cell Metabolism</i> , 2019, 30, 1141-1151.e5.	7.2	215
17	Insulin action in the brain regulates mitochondrial stress responses and reduces diet-induced weight gain. <i>Molecular Metabolism</i> , 2019, 21, 68-81.	3.0	41
18	Impact of Brain Insulin Signaling on Dopamine Function, Food Intake, Reward, and Emotional Behavior. <i>Current Nutrition Reports</i> , 2019, 8, 83-91.	2.1	53

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19	Molecular effects of dietary fatty acids on brain insulin action and mitochondrial function. <i>Biological Chemistry</i> , 2019, 400, 991-1003.	1.2	13
20	Regional differences in brain glucose metabolism determined by imaging mass spectrometry. <i>Molecular Metabolism</i> , 2018, 12, 113-121.	3.0	40
21	Editorial: Crosstalk of Mitochondria With Brain Insulin and Leptin Signaling. <i>Frontiers in Endocrinology</i> , 2018, 9, 761.	1.5	8
22	Soybean Oil-Derived Poly-Unsaturated Fatty Acids Enhance Liver Damage in NAFLD Induced by Dietary Cholesterol. <i>Nutrients</i> , 2018, 10, 1326.	1.7	29
23	Mitochondrial Chaperones in the Brain: Safeguarding Brain Health and Metabolism?. <i>Frontiers in Endocrinology</i> , 2018, 9, 196.	1.5	43
24	Insulin regulates astrocyte gliotransmission and modulates behavior. <i>Journal of Clinical Investigation</i> , 2018, 128, 2914-2926.	3.9	138
25	Domain-dependent effects of insulin and IGF-1 receptors on signalling and gene expression. <i>Nature Communications</i> , 2017, 8, 14892.	5.8	111
26	Differential Roles of Insulin and IGF-1 Receptors in Adipose Tissue Development and Function. <i>Diabetes</i> , 2016, 65, 2201-2213.	0.3	114
27	Myeloid-Cell-Derived VEGF Maintains Brain Glucose Uptake and Limits Cognitive Impairment in Obesity. <i>Cell</i> , 2016, 165, 882-895.	13.5	167
28	Insulin and IGF-1 receptors regulate FoxO-mediated signaling in muscle proteostasis. <i>Journal of Clinical Investigation</i> , 2016, 126, 3433-3446.	3.9	132
29	Differential effects of angiotensin-like 4 in brain and muscle on regulation of lipoprotein lipase activity. <i>Molecular Metabolism</i> , 2015, 4, 144-150.	3.0	26
30	Insulin resistance in brain alters dopamine turnover and causes behavioral disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3463-3468.	3.3	314
31	Excessive Cellular Proliferation Negatively Impacts Reprogramming Efficiency of Human Fibroblasts. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1101-1108.	1.6	11
32	ASC-1, PAT2, and P2RX5 are cell surface markers for white, beige, and brown adipocytes. <i>Science Translational Medicine</i> , 2014, 6, 247ra103.	5.8	169
33	Insulin and insulin-like growth factor 1 receptors are required for normal expression of imprinted genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14512-14517.	3.3	43
34	Insulin Receptor Signaling in Normal and Insulin-Resistant States. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a009191-a009191.	2.3	1,058
35	Insulin Action in Brain Regulates Systemic Metabolism and Brain Function. <i>Diabetes</i> , 2014, 63, 2232-2243.	0.3	472
36	Sirt3 Regulates Metabolic Flexibility of Skeletal Muscle Through Reversible Enzymatic Deacetylation. <i>Diabetes</i> , 2013, 62, 3404-3417.	0.3	234

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37	Leptin regulation of Hsp60 impacts hypothalamic insulin signaling. <i>Journal of Clinical Investigation</i> , 2013, 123, 4667-4680.	3.9	101
38	Role for Insulin Signaling in Catecholaminergic Neurons in Control of Energy Homeostasis. <i>Cell Metabolism</i> , 2011, 13, 720-728.	7.2	156
39	Deficiency of the splicing factor Sfrs10 results in early embryonic lethality in mice and has no impact on full-length SMN/Smn splicing. <i>Human Molecular Genetics</i> , 2010, 19, 2154-2167.	1.4	53
40	Hepatic Bax Inhibitor-1 Inhibits IRE1 $\beta$ and Protects from Obesity-associated Insulin Resistance and Glucose Intolerance. <i>Journal of Biological Chemistry</i> , 2010, 285, 6198-6207.	1.6	98
41	VKORC1 deficiency in mice causes early postnatal lethality due to severe bleeding. <i>Thrombosis and Haemostasis</i> , 2009, 101, 1044-1050.	1.8	58
42	Enhanced Stat3 Activation in POMC Neurons Provokes Negative Feedback Inhibition of Leptin and Insulin Signaling in Obesity. <i>Journal of Neuroscience</i> , 2009, 29, 11582-11593.	1.7	153
43	PLRG1 Is an Essential Regulator of Cell Proliferation and Apoptosis during Vertebrate Development and Tissue Homeostasis. <i>Molecular and Cellular Biology</i> , 2009, 29, 3173-3185.	1.1	49
44	Riboflavin kinase couples TNF receptor 1 to NADPH oxidase. <i>Nature</i> , 2009, 460, 1159-1163.	13.7	197
45	CNS-targets in control of energy and glucose homeostasis. <i>Current Opinion in Pharmacology</i> , 2009, 9, 794-804.	1.7	49
46	Secondary Consequences of $\beta$ Cell Inexcitability: Identification and Prevention in a Murine Model of KATP-Induced Neonatal Diabetes Mellitus. <i>Cell Metabolism</i> , 2009, 9, 140-151.	7.2	92
47	MyD88 Signaling in the CNS Is Required for Development of Fatty Acid-Induced Leptin Resistance and Diet-Induced Obesity. <i>Cell Metabolism</i> , 2009, 10, 249-259.	7.2	428
48	Reversible gene knockdown in mice using a tight, inducible shRNA expression system. <i>Nucleic Acids Research</i> , 2007, 35, e54.	6.5	105