

Amelia K Linnemann

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,647
citations

393982

19
h-index

454577

30
g-index

42
all docs

42
docs citations

42
times ranked

5427
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovering Hematopoietic Mechanisms through Genome-wide Analysis of GATA Factor Chromatin Occupancy. <i>Molecular Cell</i> , 2009, 36, 667-681.	4.5	314
2	The sperm nucleus: chromatin, RNA, and the nuclear matrix. <i>Reproduction</i> , 2011, 141, 21-36.	1.1	160
3	Autophagy Driven by a Master Regulator of Hematopoiesis. <i>Molecular and Cellular Biology</i> , 2012, 32, 226-239.	1.1	119
4	Pancreatic β -Cell Proliferation in Obesity. <i>Advances in Nutrition</i> , 2014, 5, 278-288.	2.9	97
5	Genetic framework for GATA factor function in vascular biology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13641-13646.	3.3	96
6	Super-resolution microscopy compatible fluorescent probes reveal endogenous glucagon-like peptide-1 receptor distribution and dynamics. <i>Nature Communications</i> , 2020, 11, 467.	5.8	88
7	β -Cell Autophagy in Diabetes Pathogenesis. <i>Endocrinology</i> , 2018, 159, 2127-2141.	1.4	83
8	Interleukin 6 protects pancreatic β cells from apoptosis by stimulation of autophagy. <i>FASEB Journal</i> , 2017, 31, 4140-4152.	0.2	78
9	Interleukin-6 Reduces β -Cell Oxidative Stress by Linking Autophagy With the Antioxidant Response. <i>Diabetes</i> , 2018, 67, 1576-1588.	0.3	77
10	Differential nuclear scaffold/matrix attachment marks expressed genes. <i>Human Molecular Genetics</i> , 2009, 18, 645-654.	1.4	63
11	Pancreatic beta cell autophagy is impaired in type 1 diabetes. <i>Diabetologia</i> , 2021, 64, 865-877.	2.9	53
12	Glucagon-Like Peptide-1 Regulates Cholecystokinin Production in β -Cells to Protect From Apoptosis. <i>Molecular Endocrinology</i> , 2015, 29, 978-987.	3.7	46
13	Inhibitory G proteins and their receptors: emerging therapeutic targets for obesity and diabetes. <i>Experimental and Molecular Medicine</i> , 2014, 46, e102-e102.	3.2	43
14	Inhibition of 12/15-Lipoxygenase Protects Against β -Cell Oxidative Stress and Glycemic Deterioration in Mouse Models of Type 1 Diabetes. <i>Diabetes</i> , 2017, 66, 2875-2887.	0.3	34
15	Tcf19 is a novel islet factor necessary for proliferation and survival in the INS-1 β -cell line. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E600-E610.	1.8	33
16	A Versatile, Portable Intravital Microscopy Platform for Studying Beta-cell Biology In Vivo. <i>Scientific Reports</i> , 2019, 9, 8449.	1.6	32
17	Intra-islet GLP-1, but not CCK, is necessary for β -cell function in mouse and human islets. <i>Scientific Reports</i> , 2020, 10, 2823.	1.6	31
18	An In Vivo Zebrafish Model for Interrogating ROS-Mediated Pancreatic β -Cell Injury, Response, and Prevention. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8.	1.9	24

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19	Real-time PCR quantification using a variable reaction efficiency model. <i>Analytical Biochemistry</i> , 2008, 380, 315-322.	1.1	23
20	Allergic airway recall responses require IL-9 from resident memory CD4 ⁺ T cells. <i>Science Immunology</i> , 2022, 7, eabg9296.	5.6	22
21	Platelet-type 12-lipoxygenase deletion provokes a compensatory 12/15-lipoxygenase increase that exacerbates oxidative stress in mouse islet β cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 6612-6620.	1.6	21
22	Silencing by nuclear matrix attachment distinguishes cell-type specificity: association with increased proliferation capacity. <i>Nucleic Acids Research</i> , 2009, 37, 2779-2788.	6.5	20
23	β -Cell autophagy in the pathogenesis of type 1 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 321, E410-E416.	1.8	19
24	Reduced synchronicity of intra-islet Ca ²⁺ oscillations in vivo in Robo-deficient β cells. <i>ELife</i> , 2021, 10, .	2.8	18
25	Mitofusins <i>Mfn1</i> and <i>Mfn2</i> Are Required to Preserve Glucose- but Not Incretin-Stimulated β -Cell Connectivity and Insulin Secretion. <i>Diabetes</i> , 2022, 71, 1472-1489.	0.3	14
26	Glucagon-like peptide-1 and cholecystokinin production and signaling in the pancreatic islet as an adaptive response to obesity. <i>Journal of Diabetes Investigation</i> , 2016, 7, 44-49.	1.1	10
27	Expanded LUXendin Color Palette for GLP1R Detection and Visualization In Vitro and In Vivo. <i>Jacs Au</i> , 2022, 2, 1007-1017.	3.6	6
28	Aberrant gene expression induced by a high fat diet is linked to H3K9 acetylation in the promoter-proximal region. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2021, 1864, 194691.	0.9	5
29	Fluorescently conjugated annular fibrin clot for multiplexed real-time digestion analysis. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9295-9307.	2.9	3
30	293-OR: IFN- α Evokes a Heterogeneous, Rapid ROS Response from a Subset of Human Islet Beta Cells in Situ. <i>Diabetes</i> , 2021, 70, .	0.3	2
31	Stabilization protects islet integrity during respirometry in the Oroboros Oxygraph-2K analyzer. <i>Islets</i> , 2022, 14, 128-138.	0.9	1
32	1239-P: Evidence of Altered Alpha- and Beta-Cell Lysosomes prior to Onset of Type 1 Diabetes. <i>Diabetes</i> , 2021, 70, 1239-P.	0.3	0
33	38-OR: Deletion of the Mitofusins 1 and 2 (<i>Mfn1</i> and <i>Mfn2</i>) from the Pancreatic Beta Cell Disrupts Mitochondrial Structure and Impairs Glucose-, but Not Incretin-, Stimulated Insulin Secretion. <i>Diabetes</i> , 2021, 70, 38-OR.	0.3	0
34	1237-P: Generation of Targeted Nanoparticles for β -Cell-Selective Delivery of Antioxidant Drugs. <i>Diabetes</i> , 2021, 70, .	0.3	0
35	Editorial: Pancreas Imaging Across the Spectrum. <i>Frontiers in Endocrinology</i> , 2021, 12, 832519.	1.5	0