Laurie L Baggio

List of Publications by Year
in descending order

51 papers	9,168 citations	81900 39 h-index	182427 51 g-index
52 all docs	52 docs citations	52 times ranked	9865 citing authors

#	Article	IF	Citations
1	Biology of Incretins: GLP-1 and GIP. Gastroenterology, 2007, 132, 2131-2157.	1.3	2,918
2	Interleukin-6 enhances insulin secretion by increasing glucagon-like peptide-1 secretion from L cells and alpha cells. Nature Medicine, 2011, 17, 1481-1489.	30.7	714
3	GLP-1R Agonist Liraglutide Activates Cytoprotective Pathways and Improves Outcomes After Experimental Myocardial Infarction in Mice. Diabetes, 2009, 58, 975-983.	0.6	491
4	GLP-1 receptor activation improves Î² cell function and survival following induction of endoplasmic reticulum stress. Cell Metabolism, 2006, 4, 391-406.	16.2	375
5	Oxyntomodulin and glucagon-like peptide-1 differentially regulate murine food intake and energy expenditure. Gastroenterology, 2004, 127, 546-558.	1.3	320
6	A Recombinant Human Glucagon-Like Peptide (GLP)-1â€"Albumin Protein (Albugon) Mimics Peptidergic Activation of GLP-1 Receptorâ€"Dependent Pathways Coupled With Satiety, Gastrointestinal Motility, and Glucose Homeostasis. Diabetes, 2004, 53, 2492-2500.	0.6	318
7	GLP-1 Receptor Activation Indirectly Reduces Hepatic Lipid Accumulation But Does Not Attenuate Development of Atherosclerosis in Diabetic Male ApoEâ^'/â^' Mice. Endocrinology, 2013, 154, 127-139.	2.8	288
8	Double Incretin Receptor Knockout (DIRKO) Mice Reveal an Essential Role for the Enteroinsular Axis in Transducing the Glucoregulatory Actions of DPP-IV Inhibitors. Diabetes, 2004, 53, 1326-1335.	0.6	283
9	Development and Characterization of a Glucagon-Like Peptide 1-Albumin Conjugate: The Ability to Activate the Glucagon-Like Peptide 1 Receptor In Vivo. Diabetes, 2003, 52, 751-759.	0.6	212
10	The Glucagon Receptor Is Required for the Adaptive Metabolic Response to Fasting. Cell Metabolism, 2008, 8, 359-371.	16.2	201
11	Cardiac Function in Mice Lacking the Glucagon-Like Peptide-1 Receptor. Endocrinology, 2003, 144, 2242-2252.	2.8	182
12	GLP-1R Agonists Modulate Enteric Immune Responses Through the Intestinal Intraepithelial Lymphocyte GLP-1R. Diabetes, 2015, 64, 2537-2549.	0.6	172
13	GLP-1 Receptor Expression Within the Human Heart. Endocrinology, 2018, 159, 1570-1584.	2.8	154
14	Glucagon-like peptide-1 receptor co-agonists for treating metabolic disease. Molecular Metabolism, 2021, 46, 101090.	6.5	150
15	Incretin Receptors for Glucagon-Like Peptide 1 and Glucose-Dependent Insulinotropic Polypeptide Are Essential for the Sustained Metabolic Actions of Vildagliptin in Mice. Diabetes, 2007, 56, 3006-3013.	0.6	145
16	Glucagon-Like Peptide-1 Receptor Activation Modulates Pancreatitis-Associated Gene Expression But Does Not Modify the Susceptibility to Experimental Pancreatitis in Mice. Diabetes, 2009, 58, 2148-2161.	0.6	141
17	Therapeutic Approaches to Preserve Islet Mass in Type 2 Diabetes. Annual Review of Medicine, 2006, 57, 265-281.	12.2	135
18	An Albumin-Exendin-4 Conjugate Engages Central and Peripheral Circuits Regulating Murine Energy and Glucose Homeostasis. Gastroenterology, 2008, 134, 1137-1147.	1.3	119

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19	TCF1 links GIPR signaling to the control of beta cell function and survival. Nature Medicine, 2016, 22, 84-90.	30.7	108
20	Inactivation of the cardiomyocyte glucagon-like peptide-1 receptor (GLP-1R) unmasks cardiomyocyte-independent GLP-1R-mediated cardioprotection. Molecular Metabolism, 2014, 3, 507-517.	6.5	102
21	Exendin-4 Modulates Diabetes Onset in Nonobese Diabetic Mice. Endocrinology, 2008, 149, 1338-1349.	2.8	99
22	Circulating Levels of Soluble Dipeptidyl Peptidase-4 Are Dissociated from Inflammation and Induced by Enzymatic DPP4 Inhibition. Cell Metabolism, 2019, 29, 320-334.e5.	16.2	99
23	Ghrelin Is a Novel Regulator of GLP-1 Secretion. Diabetes, 2015, 64, 1513-1521.	0.6	96
24	GLP-1R Agonists Promote Normal and Neoplastic Intestinal Growth through Mechanisms Requiring Fgf7. Cell Metabolism, 2015, 21, 379-391.	16.2	94
25	The Glucagon-Like Peptide-1 Receptor Agonist Oxyntomodulin Enhances Î²-Cell Function but Does Not Inhibit Gastric Emptying in Mice. Endocrinology, 2008, 149, 5670-5678.	2.8	89
26	Inhibition of Dipeptidyl Peptidase-4 Impairs Ventricular Function and Promotes Cardiac Fibrosis in High Fatâ€“Fed Diabetic Mice. Diabetes, 2016, 65, 742-754.	0.6	82
27	Gut-Proglucagon-Derived Peptides Are Essential for Regulating Glucose Homeostasis in Mice. Cell Metabolism, 2019, 30, 976-986.e3.	16.2	82
28	Cellular Sites and Mechanisms Linking Reduction of Dipeptidyl Peptidase-4 Activity to Control of Incretin Hormone Action and Glucose Homeostasis. Cell Metabolism, 2017, 25, 152-165.	16.2	79
29	Chronic Exposure to GLP-1R Agonists Promotes Homologous GLP-1 Receptor Desensitization In Vitro but Does Not Attenuate GLP-1R-Dependent Glucose Homeostasis In Vivo. Diabetes, 2004, 53, S205-S214.	0.6	67
30	Differential Effects of PPAR-Î³ Activation versus Chemical or Genetic Reduction of DPP-4 Activity on Bone Quality in Mice. Endocrinology, 2011, 152, 457-467.	2.8	66
31	Distinct Neural Sites of GLP-1R Expression Mediate Physiological versus Pharmacological Control of Incretin Action. Cell Reports, 2019, 27, 3371-3384.e3.	6.4	64
32	The autonomic nervous system and cardiac GLP-1 receptors control heart rate in mice. Molecular Metabolism, 2017, 6, 1339-1349.	6.5	63
33	Glucagon-like peptide-1 and glucagon-like peptide-2. Best Practice and Research in Clinical Endocrinology and Metabolism, 2004, 18, 531-554.	4.7	59
34	Inactivation of the Glucose-Dependent Insulinotropic Polypeptide Receptor Improves Outcomes following Experimental Myocardial Infarction. Cell Metabolism, 2018, 27, 450-460.e6.	16.2	56
35	The brown adipose tissue glucagon receptor is functional but not essential for control of energy homeostasis in mice. Molecular Metabolism, 2019, 22, 37-48.	6.5	56
36	Treatment of type 2 diabetes with the designer cytokine IC7Fc. Nature, 2019, 574, 63-68.	27.8	55

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37	Cardiomyocyte glucagon receptor signaling modulates outcomes in mice with experimental myocardial infarction. Molecular Metabolism, 2015, 4, 132-143.	6.5	54
38	Glucagon Receptor Signaling Is Essential for Control of Murine Hepatocyte Survival. Gastroenterology, 2008, 135, 2096-2106.	1.3	51
39	Plasma levels of DPP4 activity and sDPP4 are dissociated from inflammation in mice and humans. Nature Communications, 2020, 11, 3766.	12.8	43
40	Glucagon-Like Peptide-1 Receptor Agonists Increase Pancreatic Mass by Induction of Protein Synthesis. Diabetes, 2015, 64, 1046-1056.	0.6	42
41	Glucagon-Like Peptide-2 Receptor Modulates Islet Adaptation to Metabolic Stress in the ob/ob Mouse. Gastroenterology, 2010, 139, 857-868.	1.3	38
42	<i>Gipr</i> Is Essential for Adrenocortical Steroidogenesis; However, Corticosterone Deficiency Does Not Mediate the Favorable Metabolic Phenotype of <i>Gipr</i>âˆ'/âˆ' Mice. Diabetes, 2012, 61, 40-48.	0.6	36
43	Physiological roles of the GIP receptor in murine brown adipose tissue. Molecular Metabolism, 2019, 28, 14-25.	6.5	36
44	Harnessing the Therapeutic Potential of Glucagon-Like Peptide-1. Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders, 2002, 1, 117-125.	1.8	33
45	The endogenous preproglucagon system is not essential for gut growth homeostasis in mice. Molecular Metabolism, 2017, 6, 681-692.	6.5	31
46	GIPR Is Predominantly Localized to Nonadipocyte Cell Types Within White Adipose Tissue. Diabetes, 2022, 71, 1115-1127.	0.6	20
47	Lymphocytic Infiltration and Immune Activation in Metallothionein Promoter-Exendin-4 (MT-Exendin) Transgenic Mice. Diabetes, 2006, 55, 1562-1570.	0.6	19
48	The gut hormone receptor GIPR links energy availability to the control of hematopoiesis. Molecular Metabolism, 2020, 39, 101008.	6.5	12
49	Loss of Glp2r signaling activates hepatic stellate cells and exacerbates diet-induced steatohepatitis in mice. JCI Insight, 2020, 5, .	5.0	11
50	Hematopoietic cellâ€" versus enterocyte-derived dipeptidyl peptidase-4 differentially regulates triglyceride excursion in mice. JCI Insight, 2020, 5, .	5.0	7
51	TCF7 is not essential for glucose homeostasis in mice. Molecular Metabolism, 2021, 48, 101213.	6.5	1