

# Allison B Goldfine

## List of Publications by Citations

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97  
papers

13,412  
citations

45  
h-index

107  
g-index

107  
ext. papers

15,118  
ext. citations

13  
avg, IF

6.41  
L-index

#	Paper	IF	Citations
97	Inflammation and insulin resistance. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 1793-801	15.9	2762
96	Coordinated reduction of genes of oxidative metabolism in humans with insulin resistance and diabetes: Potential role of PGC1 and NRF1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 8466-71	11.5	1595
95	Lean, but not obese, fat is enriched for a unique population of regulatory T cells that affect metabolic parameters. <i>Nature Medicine</i> , <b>2009</b> , 15, 930-9	50.5	1479
94	Acute hyperglycemia attenuates endothelium-dependent vasodilation in humans in vivo. <i>Circulation</i> , <b>1998</b> , 97, 1695-701	16.7	657
93	Diabetes primes neutrophils to undergo NETosis, which impairs wound healing. <i>Nature Medicine</i> , <b>2015</b> , 21, 815-9	50.5	540
92	Clinical Update: Cardiovascular Disease in Diabetes Mellitus: Atherosclerotic Cardiovascular Disease and Heart Failure in Type 2 Diabetes Mellitus - Mechanisms, Management, and Clinical Considerations. <i>Circulation</i> , <b>2016</b> , 133, 2459-502	16.7	520
91	Serum bile acids are higher in humans with prior gastric bypass: potential contribution to improved glucose and lipid metabolism. <i>Obesity</i> , <b>2009</b> , 17, 1671-7	8	431
90	The effects of salsalate on glycemic control in patients with type 2 diabetes: a randomized trial. <i>Annals of Internal Medicine</i> , <b>2010</b> , 152, 346-57	8	287
89	Salsalate improves glycemia and inflammatory parameters in obese young adults. <i>Diabetes Care</i> , <b>2008</b> , 31, 289-94	14.6	285
88	Ascorbate restores endothelium-dependent vasodilation impaired by acute hyperglycemia in humans. <i>Circulation</i> , <b>2001</b> , 103, 1618-23	16.7	255
87	Inhibition of protein kinase C $\beta$ prevents impaired endothelium-dependent vasodilation caused by hyperglycemia in humans. <i>Circulation Research</i> , <b>2002</b> , 90, 107-11	15.7	253
86	The cellular fate of glucose and its relevance in type 2 diabetes. <i>Endocrine Reviews</i> , <b>2004</b> , 25, 807-30	27.2	235
85	Visceral adiposity and the risk of metabolic syndrome across body mass index: the MESA Study. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 1221-35	8.4	220
84	Use of salsalate to target inflammation in the treatment of insulin resistance and type 2 diabetes. <i>Clinical and Translational Science</i> , <b>2008</b> , 1, 36-43	4.9	220
83	Effects of a low-glycemic load diet on resting energy expenditure and heart disease risk factors during weight loss. <i>JAMA - Journal of the American Medical Association</i> , <b>2004</b> , 292, 2482-90	27.4	220
82	Roux-en-Y gastric bypass surgery or lifestyle with intensive medical management in patients with type 2 diabetes: feasibility and 1-year results of a randomized clinical trial. <i>JAMA Surgery</i> , <b>2014</b> , 149, 716-26	5.4	184
81	Salicylate (salsalate) in patients with type 2 diabetes: a randomized trial. <i>Annals of Internal Medicine</i> , <b>2013</b> , 159, 1-12	8	177

80	Activation of vascular protein kinase C-beta inhibits Akt-dependent endothelial nitric oxide synthase function in obesity-associated insulin resistance. <i>Diabetes</i> , <b>2006</b> , 55, 691-8	0.9	153
79	Metabolic effects of vanadyl sulfate in humans with non-insulin-dependent diabetes mellitus: in vivo and in vitro studies. <i>Metabolism: Clinical and Experimental</i> , <b>2000</b> , 49, 400-10	12.7	137
78	SerpinB1 Promotes Pancreatic $\beta$ Cell Proliferation. <i>Cell Metabolism</i> , <b>2016</b> , 23, 194-205	24.6	132
77	Serum Urate Lowering with Allopurinol and Kidney Function in Type 1 Diabetes. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 2493-2503	59.2	100
76	Cardiovascular outcomes associated with canagliflozin versus other non-gliflozin antidiabetic drugs: population based cohort study. <i>BMJ, The</i> , <b>2018</b> , 360, k119	5.9	93
75	Serum ghrelin levels in response to glucose load in obese subjects post-gastric bypass surgery. <i>Obesity</i> , <b>2003</b> , 11, 919-24		93
74	Therapeutic approaches to target inflammation in type 2 diabetes. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 162-7	5.5	90
73	Adiponectin: linking the fat cell to insulin sensitivity. <i>Lancet, The</i> , <b>2003</b> , 362, 1431-2	40	90
72	Assessing the cardiovascular safety of diabetes therapies. <i>New England Journal of Medicine</i> , <b>2008</b> , 359, 1092-5	59.2	88
71	The impact of vitamin D deficiency on diabetes and cardiovascular risk. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2010</b> , 17, 113-9	4	87
70	Peptide YY levels are elevated after gastric bypass surgery. <i>Obesity</i> , <b>2006</b> , 14, 194-8	8	85
69	Therapeutic approaches targeting inflammation for diabetes and associated cardiovascular risk. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 83-93	15.9	84
68	Defects in muscle branched-chain amino acid oxidation contribute to impaired lipid metabolism. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 926-936	8.8	82
67	Getting away from glucose: fanning the flames of obesity-induced inflammation. <i>Nature Medicine</i> , <b>2009</b> , 15, 373-4	50.5	81
66	Adjustable Gastric Band Surgery or Medical Management in Patients With Type 2 Diabetes: A Randomized Clinical Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 2546-56	5.6	76
65	Insulin resistance is a poor predictor of type 2 diabetes in individuals with no family history of disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 2724-9	11.5	75
64	Increased glucose uptake in visceral versus subcutaneous adipose tissue revealed by PET imaging. <i>JACC: Cardiovascular Imaging</i> , <b>2010</b> , 3, 843-51	8.4	74
63	Family history of diabetes is a major determinant of endothelial function. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 2456-61	15.1	71

62	Plasma ceramides are elevated in female children and adolescents with type 2 diabetes. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2013</b> , 26, 995-8	1.6	70
61	Statins: is it really time to reassess benefits and risks?. <i>New England Journal of Medicine</i> , <b>2012</b> , 366, 1752-59	59.2	69
60	Clinical and Patient-Centered Outcomes in Obese Patients With Type 2 Diabetes 3 Years After Randomization to Roux-en-Y Gastric Bypass Surgery Versus Intensive Lifestyle Management: The SLIMM-T2D Study. <i>Diabetes Care</i> , <b>2018</b> , 41, 670-679	14.6	65
59	Effects of Gastric Bypass and Gastric Banding on Bone Remodeling in Obese Patients With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 714-22	5.6	55
58	Dietary Betaine Supplementation Increases Fgf21 Levels to Improve Glucose Homeostasis and Reduce Hepatic Lipid Accumulation in Mice. <i>Diabetes</i> , <b>2016</b> , 65, 902-12	0.9	54
57	Continuous glucose monitoring for evaluation of glycemic excursions after gastric bypass. <i>Journal of Obesity</i> , <b>2011</b> , 2011, 869536	3.7	49
56	Insulin response to oral stimuli and glucose effectiveness increased in neuroglycopenia following gastric bypass. <i>Obesity</i> , <b>2015</b> , 23, 798-807	8	47
55	Fibrates in the treatment of dyslipidemias--time for a reassessment. <i>New England Journal of Medicine</i> , <b>2011</b> , 365, 481-4	59.2	46
54	Coordination chemistry may explain pharmacokinetics and clinical response of vanadyl sulfate in type 2 diabetic patients. <i>Metallomics</i> , <b>2013</b> , 5, 1491-502	4.5	45
53	Effect of paricalcitol on endothelial function and inflammation in type 2 diabetes and chronic kidney disease. <i>Journal of Diabetes and Its Complications</i> , <b>2015</b> , 29, 433-7	3.2	43
52	Evaluating the Cardiovascular Safety of New Medications for Type 2 Diabetes: Time to Reassess?. <i>Diabetes Care</i> , <b>2016</b> , 39, 738-42	14.6	43
51	Effect of Targeting Inflammation With Salsalate: The TINSAL-CVD Randomized Clinical Trial on Progression of Coronary Plaque in Overweight and Obese Patients Using Statins. <i>JAMA Cardiology</i> , <b>2016</b> , 1, 413-23	16.2	38
50	Targeting inflammation using salsalate in patients with type 2 diabetes: effects on flow-mediated dilation (TINSAL-FMD). <i>Diabetes Care</i> , <b>2013</b> , 36, 4132-9	14.6	38
49	Modulating LDL cholesterol and glucose in patients with type 2 diabetes mellitus: targeting the bile acid pathway. <i>Current Opinion in Cardiology</i> , <b>2008</b> , 23, 502-11	2.1	36
48	Risk of Type 2 Diabetes Is Lower in US Adults Taking Chromium-Containing Supplements. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 2675-82	4.1	32
47	Endothelial function varies according to insulin resistance disease type. <i>Diabetes Care</i> , <b>2007</b> , 30, 1226-32	14.6	32
46	Insulin regulates carboxypeptidase E by modulating translation initiation scaffolding protein eIF4G1 in pancreatic $\beta$ cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E2319-28	11.5	30
45	Preventing Early Renal Loss in Diabetes (PERL) Study: A Randomized Double-Blinded Trial of Allopurinol--Rationale, Design, and Baseline Data. <i>Diabetes Care</i> , <b>2019</b> , 42, 1454-1463	14.6	28

44	Cardiovascular safety and diabetes drug development. <i>Lancet, The</i> , <b>2011</b> , 377, 977-9	40	28
43	Genetic Variation Augments Incretin Resistance and Influences Response to a Sulfonylurea and Metformin: The Study to Understand the Genetics of the Acute Response to Metformin and Glipizide in Humans (SUGAR-MGH). <i>Diabetes Care</i> , <b>2018</b> , 41, 554-561	14.6	27
42	Expansion and contraction: treating diabetes with bariatric surgery. <i>Nature Medicine</i> , <b>2009</b> , 15, 616-7	50.5	26
41	How common is hypoglycemia after gastric bypass?. <i>Obesity</i> , <b>2016</b> , 24, 1210-1	8	24
40	The impact of salsalate treatment on serum levels of advanced glycation end products in type 2 diabetes. <i>Diabetes Care</i> , <b>2014</b> , 37, 1083-91	14.6	22
39	Inhibition of protein kinase Cbeta does not improve endothelial function in type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 3783-7	5.6	20
38	Bariatric surgery for diabetes management. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2009</b> , 16, 119-24	4	20
37	Metabolic Effects of Betaine: A Randomized Clinical Trial of Betaine Supplementation in Prediabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 3038-3049	5.6	18
36	Differential Gene Expression in Diabetic Nephropathy in Individuals With Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, E876-82	5.6	18
35	Molecular determinants of insulin action. <i>Journal of Diabetes and Its Complications</i> , <b>1993</b> , 7, 92-105	3.2	18
34	Plasma FGF-19 Levels are Increased in Patients with Post-Bariatric Hypoglycemia. <i>Obesity Surgery</i> , <b>2019</b> , 29, 2092-2099	3.7	17
33	Glucagon treatment for post-gastric bypass hypoglycemia. <i>Obesity</i> , <b>2010</b> , 18, 1858-60	8	17
32	Management of diabetes mellitus in patients with cardiovascular disease in the Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) trial. <i>Circulation</i> , <b>2010</b> , 121, 2447-9	16.7	17
31	What cost weight loss?. <i>Circulation</i> , <b>2012</b> , 125, 1171-7	16.7	16
30	Hyperinsulinemic hypoglycemia following gastric bypass surgery for obesity. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2006</b> , 13, 419-424		16
29	Design and Clinical Evaluation of a Novel Low-Glucose Prediction Algorithm with Mini-Dose Stable Glucagon Delivery in Post-Bariatric Hypoglycemia. <i>Diabetes Technology and Therapeutics</i> , <b>2018</b> , 20, 127-139	8.1	15
28	The rollercoaster of post-bariatric hypoglycaemia. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2016</b> , 4, 94-6	18.1	15
27	Metabolic surgery for type 2 diabetes: efficacy and risks. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2013</b> , 20, 98-105	4	15

26	Salsalate improves glycaemia in overweight persons with diabetes risk factors of stable statin-treated cardiovascular disease: A 30-month randomized placebo-controlled trial. <i>Diabetes, Obesity and Metabolism</i> , <b>2017</b> , 19, 1458-1462	6.7	14
25	The Foxo1-Inducible Transcriptional Repressor Zfp125 Causes Hepatic Steatosis and Hypercholesterolemia. <i>Cell Reports</i> , <b>2018</b> , 22, 523-534	10.6	14
24	Physical Activity in Obese Type 2 Diabetes After Gastric Bypass or Medical Management. <i>American Journal of Medicine</i> , <b>2017</b> , 130, 83-92	2.4	14
23	Acute insulin secretion as a predictor of weight gain in healthy humans. <i>Obesity</i> , <b>2006</b> , 14, 67-72	8	13
22	The study to understand the genetics of the acute response to metformin and glipizide in humans (SUGAR-MGH): design of a pharmacogenetic resource for type 2 diabetes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121553	3.7	13
21	Diabetes improvement following Roux-en-Y gastric bypass: understanding dynamic changes in insulin secretion and action. <i>Diabetes</i> , <b>2014</b> , 63, 1454-6	0.9	12
20	Risk of Cardiovascular Outcomes in Patients With Type 2 Diabetes After Addition of SGLT2 Inhibitors Versus Sulfonylureas to Baseline GLP-1RA Therapy. <i>Circulation</i> , <b>2021</b> , 143, 770-779	16.7	11
19	Heterogeneity of proliferative markers in pancreatic $\beta$ cells of patients with severe hypoglycemia following Roux-en-Y gastric bypass. <i>Acta Diabetologica</i> , <b>2017</b> , 54, 737-747	3.9	10
18	Glycemia and cognitive function in metabolic syndrome and coronary heart disease. <i>American Journal of Medicine</i> , <b>2015</b> , 128, 46-55	2.4	10
17	Cardiovascular risk assessment in the development of new drugs for obesity. <i>JAMA - Journal of the American Medical Association</i> , <b>2012</b> , 308, 1099-100	27.4	10
16	PET-CT reveals increased intestinal glucose uptake after gastric surgery. <i>Surgery for Obesity and Related Diseases</i> , <b>2019</b> , 15, 643-649	3	6
15	Effects of the anti-inflammatory drug salsalate on bone turnover in type 2 diabetes mellitus. <i>Endocrine</i> , <b>2015</b> , 50, 504-7	4	5
14	Adjustable gastric band surgery or medical management in patients with type 2 diabetes and obesity: three-year results of a randomized trial. <i>Surgery for Obesity and Related Diseases</i> , <b>2019</b> , 15, 2052-2059	3	5
13	Where are the health care cost savings with bariatric surgery in obesity management?. <i>JAMA Surgery</i> , <b>2014</b> , 149, 5-6	5.4	5
12	Impact of Acipimox Therapy on Free Fatty Acid Efflux and Endothelial Function in the Metabolic Syndrome: A Randomized Trial. <i>Obesity</i> , <b>2019</b> , 27, 1812-1819	8	4
11	Response to Brosch et al. <i>Cell Metabolism</i> , <b>2012</b> , 15, 267-269	24.6	4
10	Type 2 diabetes: new drugs, new perspectives. <i>Hospital Practice (1995)</i> , <b>2001</b> , 36, 29-36	2.2	3
9	Diabetes: Bariatric surgery for T2DM--cure, or remission and relapse?. <i>Nature Reviews Endocrinology</i> , <b>2014</b> , 10, 8-9	15.2	2

8	High-throughput mediation analysis of human proteome and metabolome identifies mediators of post-bariatric surgical diabetes control. <i>Nature Communications</i> , <b>2021</b> , 12, 6951	17.4	2
7	Insulin regulates arginine-stimulated insulin secretion in humans.. <i>Metabolism: Clinical and Experimental</i> , <b>2022</b> , 128, 155117	12.7	2
6	LLF580, an FGF21 Analog, Reduces Triglycerides and Hepatic Fat in obese adults with modest hypertriglyceridemia. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> ,	5.6	2
5	New lessons from gastric bypass: Impact of glucose-independent islet function. <i>Obesity</i> , <b>2015</b> , 23, 1942-3	3	1
4	Response to comment on Goldfine et al. Targeting inflammation using salsalate in patients with type 2 diabetes: effects on flow-mediated dilation (TINSAL-FMD). <i>Diabetes care</i> 2013;36:4132-4139. <i>Diabetes Care</i> , <b>2014</b> , 37, e112	14.6	1
3	Diabetes and cardiovascular disease: does sugar matter?. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2006</b> , 13, 99-102		
2	Beyond the scale: understanding mechanisms of weight gain and obesity in diabetes. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2005</b> , 12, 143-145		
1	The role of HDL- and non-HDL-related parameters in cell-cholesterol efflux capacity.. <i>Atherosclerosis</i> , <b>2022</b> , 345, 1-6	3.1	