

Anthony W Ferrante

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

17,137
citations

28
h-index

50
g-index

50
ext. papers

18,677
ext. citations

13.1
avg, IF

6.37
L-index

#	Paper	IF	Citations
48	Obesity is associated with macrophage accumulation in adipose tissue. <i>Journal of Clinical Investigation</i> , 2003 , 112, 1796-1808	15.9	6264
47	Obesity is associated with macrophage accumulation in adipose tissue. <i>Journal of Clinical Investigation</i> , 2003 , 112, 1796-808	15.9	3535
46	Macrophage-specific PPARgamma controls alternative activation and improves insulin resistance. <i>Nature</i> , 2007 , 447, 1116-20	50.4	1546
45	CCR2 modulates inflammatory and metabolic effects of high-fat feeding. <i>Journal of Clinical Investigation</i> , 2006 , 116, 115-24	15.9	1196
44	Total absence of colony-stimulating factor 1 in the macrophage-deficient osteopetrotic (op/op) mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 4828-32 ^{1.5}	11.5	827
43	Alternative M2 activation of Kupffer cells by PPARdelta ameliorates obesity-induced insulin resistance. <i>Cell Metabolism</i> , 2008 , 7, 496-507	24.6	660
42	Weight loss and lipolysis promote a dynamic immune response in murine adipose tissue. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3466-79	15.9	494
41	Obesity-induced inflammation: a metabolic dialogue in the language of inflammation. <i>Journal of Internal Medicine</i> , 2007 , 262, 408-14	10.8	402
40	Obesity activates a program of lysosomal-dependent lipid metabolism in adipose tissue macrophages independently of classic activation. <i>Cell Metabolism</i> , 2013 , 18, 816-30	24.6	325
39	Identification of adropin as a secreted factor linking dietary macronutrient intake with energy homeostasis and lipid metabolism. <i>Cell Metabolism</i> , 2008 , 8, 468-81	24.6	248
38	C-C chemokine receptor 2 (CCR2) regulates the hepatic recruitment of myeloid cells that promote obesity-induced hepatic steatosis. <i>Diabetes</i> , 2010 , 59, 916-25	0.9	225
37	The immune cells in adipose tissue. <i>Diabetes, Obesity and Metabolism</i> , 2013 , 15 Suppl 3, 34-8	6.7	186
36	A lipase-independent pathway of lipid release and immune modulation by adipocytes. <i>Science</i> , 2019 , 363, 989-993	33.3	158
35	RAGE regulates the metabolic and inflammatory response to high-fat feeding in mice. <i>Diabetes</i> , 2014 , 63, 1948-65	0.9	124
34	Macrophage content in subcutaneous adipose tissue: associations with adiposity, age, inflammatory markers, and whole-body insulin action in healthy Pima Indians. <i>Diabetes</i> , 2009 , 58, 385-93 ^{0.9}	0.9	100
33	Body Mass Index and Risk for Intubation or Death in SARS-CoV-2 Infection : A Retrospective Cohort Study. <i>Annals of Internal Medicine</i> , 2020 , 173, 782-790	8	95
32	Macrophages, fat, and the emergence of immunometabolism. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4992-3	15.9	72

31	Metabolic inflexibility impairs insulin secretion and results in MODY-like diabetes in triple FoxO-deficient mice. <i>Cell Metabolism</i> , 2014 , 20, 593-602	24.6	68
30	A missing link in body weight homeostasis: the catabolic signal of the overfed state. <i>Cell Metabolism</i> , 2014 , 20, 565-72	24.6	66
29	A Subset of TREM2 Dermal Macrophages Secretes Oncostatin M to Maintain Hair Follicle Stem Cell Quiescence and Inhibit Hair Growth. <i>Cell Stem Cell</i> , 2019 , 24, 654-669.e6	18	56
28	Obesity accelerates <i>Helicobacter felis</i> -induced gastric carcinogenesis by enhancing immature myeloid cell trafficking and TH17 response. <i>Gut</i> , 2014 , 63, 385-94	19.2	53
27	Obesity, inflammation, and macrophages. <i>Nestle Nutrition Workshop Series Paediatric Programme</i> , 2009 , 63, 151-9; discussion 159-62, 259-68		53
26	Oncostatin m is produced in adipose tissue and is regulated in conditions of obesity and type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E217-25	5.6	41
25	Expanded granulocyte/monocyte compartment in myeloid-specific triple FoxO knockout increases oxidative stress and accelerates atherosclerosis in mice. <i>Circulation Research</i> , 2013 , 112, 992-1003	15.7	40
24	Effects of leptin deficiency and short-term repletion on hepatic gene expression in genetically obese mice. <i>Diabetes</i> , 2001 , 50, 2268-78	0.9	40
23	Macrophage and adipocyte IGF1 maintain adipose tissue homeostasis during metabolic stresses. <i>Obesity</i> , 2016 , 24, 172-83	8	39
22	Genomic profiling of left and right ventricular hypertrophy in congenital heart disease. <i>Journal of Cardiac Failure</i> , 2008 , 14, 760-7	3.3	36
21	Autophagy Is Dispensable for Macrophage-Mediated Lipid Homeostasis in Adipose Tissue. <i>Diabetes</i> , 2016 , 65, 967-80	0.9	32
20	Shark, a Src homology 2, ankyrin repeat, tyrosine kinase, is expressed on the apical surfaces of ectodermal epithelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 1911-5	11.5	25
19	Evidence for a Non-leptin System that Defends against Weight Gain in Overfeeding. <i>Cell Metabolism</i> , 2018 , 28, 289-299.e5	24.6	22
18	Prolonged decrease of adipocyte size after rosiglitazone treatment in high- and low-fat-fed rats. <i>Obesity</i> , 2007 , 15, 2653-63	8	19
17	Adipose tissue quantification and primary graft dysfunction after lung transplantation: The Lung Transplant Body Composition study. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 1246-1256	5.8	15
16	Reduced plasma albumin predicts type 2 diabetes and is associated with greater adipose tissue macrophage content and activation. <i>Diabetology and Metabolic Syndrome</i> , 2019 , 11, 14	5.6	12
15	Suppression of Adaptive Immune Cell Activation Does Not Alter Innate Immune Adipose Inflammation or Insulin Resistance in Obesity. <i>PLoS ONE</i> , 2015 , 10, e0135842	3.7	11
14	Adipose Gene Expression Profile Changes With Lung Allograft Reperfusion. <i>American Journal of Transplantation</i> , 2017 , 17, 239-245	8.7	10

13	Markers of adipose tissue macrophage content are negatively associated with serum HDL-C concentrations. <i>Atherosclerosis</i> , 2011 , 215, 243-6	3.1	10
12	Antisense oligonucleotide treatment produces a type I interferon response that protects against diet-induced obesity. <i>Molecular Metabolism</i> , 2020 , 34, 146-156	8.8	7
11	Circulating white blood cell count and measures of adipose tissue inflammation predict higher 24-h energy expenditure. <i>European Journal of Endocrinology</i> , 2010 , 162, 275-80	6.5	7
10	Shifting gene expression profiles during ex vivo culture of renal tumor cells: implications for cancer immunotherapy. <i>Oncology Research</i> , 2003 , 14, 133-45	4.8	5
9	Biomedicine. Improving metabolism by throwing out all the JNK. <i>Science</i> , 2013 , 339, 147-8	33.3	3
8	Nanoparticle Tracking Analysis for the Quantification and Size Determination of Extracellular Vesicles. <i>Journal of Visualized Experiments</i> , 2021 ,	1.6	2
7	Fighting for Fat: Gluttonous Tumors and Starved T Cells. <i>Cell</i> , 2020 , 183, 1739-1741	56.2	1
6	Aryl-Hydrocarbon Receptor Repressor Gene in Primary Graft Dysfunction after Lung Transplantation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 61, 268-271	5.7	1
5	Does killing adipocytes kill the bad macrophages?. <i>Endocrinology</i> , 2011 , 152, 3304-5	4.8	1
4	Body Mass Index and Risk for Intubation or Death in SARS-CoV-2 Infection. <i>Annals of Internal Medicine</i> , 2021 , 174, 886	8	1
3	Post-oral sensing of fat increases food intake and attenuates body weight defense. <i>Cell Reports</i> , 2021 , 37, 109845	10.6	0
2	Keeping Off the Weight with DCs. <i>Immunity</i> , 2015 , 43, 624-6	32.3	
1	Macrophages, Adipocytes, and Obesity 2007 , 121-131		