Maria Pini

List of Publications by Year
in descending order

48 papers	1,535 citations	236925 25 h-index	330143 37 g-index
50 all docs	50 docs citations	50 times ranked	3046 citing authors

#	Article	IF	Citations
1	Irf5 deficiency in macrophages promotes beneficial adipose tissue expansion and insulin sensitivity during obesity. Nature Medicine, 2015, 21, 610-618.	30.7	149
2	Betaine improved adipose tissue function in mice fed a high-fat diet: a mechanism for hepatoprotective effect of betaine in nonalcoholic fatty liver disease. American Journal of Physiology - Renal Physiology, 2010, 298, G634-G642.	3.4	126
3	Adiponectin Deficiency Protects Mice From Chemically Induced Colonic Inflammation. Gastroenterology, 2007, 132, 601-614.	1.3	125
4	Visceral Adipose Tissue Drives Cardiac Aging Through Modulation of Fibroblast Senescence by Osteopontin Production. Circulation, 2018, 138, 809-822.	1.6	120
5	Increased Adiposity, Dysregulated Glucose Metabolism and Systemic Inflammation in Galectin-3 KO Mice. PLoS ONE, 2013, 8, e57915.	2.5	88
6	Interleukin-18, together with interleukin-12, induces severe acute pancreatitis in obese but not in nonobese leptin-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8085-8090.	7.1	61
7	DAPK2 Downregulation Associates With Attenuated Adipocyte Autophagic Clearance in Human Obesity. Diabetes, 2015, 64, 3452-3463.	0.6	61
8	Adipose tissueâ€specific modulation of galectin expression in lean and obese mice: Evidence for regulatory function. Obesity, 2013, 21, 310-319.	3.0	55
9	Transplantation of wild-type white adipose tissue normalizes metabolic, immune and inflammatory alterations in leptin-deficient ob/ob mice. Cytokine, 2006, 36, 261-266.	3.2	48
10	Enhanced production of IL-17A during zymosan-induced peritonitis in obese mice. Journal of Leukocyte Biology, 2010, 87, 51-58.	3.3	48
11	Fatigue, Inflammation, and Projected Mortality in Heart Failure. Journal of Cardiac Failure, 2012, 18, 711-716.	1.7	43
12	Persistent organic pollutants and biomarkers of diabetes risk in a cohort of Great Lakes sport caught fish consumers. Environmental Research, 2015, 140, 335-344.	7.5	41
13	Homocysteine suppresses lipolysis in adipocytes by activating the AMPK pathway. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E703-E712.	3.5	40
14	Dysregulated Phenylalanine Catabolism Plays a Key Role in the Trajectory of Cardiac Aging. Circulation, 2021, 144, 559-574.	1.6	38
15	Role of leptin receptor-induced STAT3 signaling in modulation of intestinal and hepatic inflammation in mice. Journal of Leukocyte Biology, 2009, 85, 491-496.	3.3	36
16	Carbon monoxideâ€"induced metabolic switch in adipocytes improves insulin resistance in obese mice. JCI Insight, 2018, 3, .	5.0	36
17	Induction of thymocyte apoptosis by systemic administration of concanavalinâ€„A in mice: role of TNF-Î±, IFN-Î³ and glucocorticoids. European Journal of Immunology, 2005, 35, 2304-2312.	2.9	31
18	Hematological and acute-phase responses to diet-induced obesity in IL-6 KO mice. Cytokine, 2011, 56, 708-716.	3.2	31

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19	Effect of Dietâ€induced Obesity on Acute Pancreatitis Induced by Administration of Interleukinâ€12 Plus Interleukinâ€18 in Mice. Obesity, 2010, 18, 476-481.	3.0	30
20	Short-term high-fat diet compromises myocardial function: a radial strain rate imaging study. European Heart Journal Cardiovascular Imaging, 2017, 18, 1283-1291.	1.2	30
21	Role of IL-6 in the resolution of pancreatitis in obese mice. Journal of Leukocyte Biology, 2012, 91, 957-966.	3.3	29
22	Increased Adiposity in Annexin A1-Deficient Mice. PLoS ONE, 2013, 8, e82608.	2.5	29
23	Obesity and IL-6 interact in modulating the response to endotoxemia in mice. Cytokine, 2013, 61, 71-77.	3.2	26
24	Role and Regulation of Adipokines during Zymosan-Induced Peritoneal Inflammation in Mice. Endocrinology, 2008, 149, 4080-4085.	2.8	25
25	Adiponectin deficiency does not affect development and progression of spontaneous colitis in IL-10 knockout mice. American Journal of Physiology - Renal Physiology, 2009, 296, G382-G387.	3.4	25
26	Cathepsin S inhibition lowers blood glucose levels in mice. Diabetologia, 2014, 57, 1674-1683.	6.3	22
27	Adiponectin Deficiency Does Not Affect the Inflammatory Response to Endotoxin or Concanavalin A in Mice. Endocrinology, 2006, 147, 5019-5022.	2.8	19
28	Rosiglitazone Improves Survival and Hastens Recovery from Pancreatic Inflammation in Obese Mice. PLoS ONE, 2012, 7, e40944.	2.5	18
29	Generation of Leptin Receptor Bone Marrow Chimeras: Recovery From Irradiation, Immune Cellularity, Cytokine Expression, and Metabolic Parameters. Obesity, 2010, 18, 2274-2281.	3.0	16
30	Suppressed cytokine production in whole blood cultures may be related to iron status and hepcidin and is partially corrected following weight reduction in morbidly obese pre-menopausal women. Cytokine, 2011, 53, 201-206.	3.2	16
31	Increased Sirt1 secreted from visceral white adipose tissue is associated with improved glucose tolerance in obese Nrf2-deficient mice. Redox Biology, 2021, 38, 101805.	9.0	16
32	Adipose tissue senescence is mediated by increased ATP content after a shortâ€term highâ€fat diet exposure. Aging Cell, 2021, 20, e13421.	6.7	16
33	Adiponectin deficiency modulates adhesion molecules expression and cytokine production but does not affect disease severity in the transfer model of colitis. Cytokine, 2009, 47, 119-125.	3.2	14
34	Adipose tissue adaptive response totransâ€10,cisâ€12â€conjugated linoleic acid engages alternatively activated M2 macrophages. FASEB Journal, 2016, 30, 241-251.	0.5	12
35	Effect of adiponectin deficiency on intestinal damage and hematopoietic responses of mice exposed to gamma radiation. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 690, 102-107.	1.0	9
36	POLLURISK: AN INNOVATIVE EXPERIMENTAL PLATFORM TO INVESTIGATE HEALTH IMPACTS OF AIR QUALITY. WIT Transactions on Ecology and the Environment, 2018, , .	0.0	5

#	Article	IF	Citations
37	Sa1478 Serum Galectin â˜†1 and Galectin-3 are Increased in Diet-Induced Obesity and Associated With Infiltrate and Necrosis in Experimental Acute Pancreatitis in Mice. Gastroenterology, 2012, 142, S-316.	1.3	1
38	ADMINISTRATION OF IL-12 AND IL-18 WHICH INDUCES SEVERE PANCREATIC DAMAGE IN OBESE, LEPTIN-DEFICIENT OB/OB MICE CAN BE USED AS A PATHOLOGICALLY RELEVANT MODEL OF ACUTE PANCREATITIS. Pancreas, 2007, 35, 426-427.	1.1	0
39	S1717 Adiponectin Deficiency Does Not Affect Development and Progression of Spontaneous Colitis in IL-10 Ko Mice. Gastroenterology, 2008, 134, A-256.	1.3	0
40	T1830 High-Fat Diet-Induced Obesity Exacerbates the Inflammatory Response and Impairs Tissue Repair in Acute Pancreatitis Induced By Administration of IL- 12 + IL-18 in Mice. Gastroenterology, 2009, 136, A-588.	1.3	0
41	S1661 Adiponectin Deficiency Modulates Adhesion Molecules Expression and Cytokine Production But Does Not Affect Disease Severity in the Transfer Model of Colitis in Mice. Gastroenterology, 2009, 136, A-245.	1.3	0
42	IL-6 Deficiency Improves Resolution of Pancreatic Inflammatory Infiltrate but Does Not Affect Survival in the IL-12+IL-18 Model of Acute Pancreatitis in Obese Mice. Gastroenterology, 2011, 140, S-386.	1.3	0
43	The Acute-Phase Response to Diet-Induced Obesity in wt and IL-6 KO Mice. Gastroenterology, 2011, 140, S-44.	1.3	0
44	S-044. Epidemiology, 2012, 23, 1.	2.7	0
45	Response by Sawaki et al to Letter Regarding Article, â€œVisceral Adipose Tissue Drives Cardiac Aging Through Modulation of Fibroblast Senescence by Osteopontin Productionâ€. Circulation, 2019, 139, 845-846.	1.6	0
46	Suppressed cytokine production in whole blood culture is partially corrected following weight reduction in morbidly obese women. FASEB Journal, 2010, 24, 936.5.	0.5	0
47	Atmospheric simulation chamber: a versatile tool to get a comprehensive understanding of Air Quality impacts on health in preclinical models. , 2018, , .		0
48	Abstract 17361: How Leptin Harms the Heart in High Fat Diet-Induced Obesity. Circulation, 2020, 142, .	1.6	0