

# Jan Mauer

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

5,348  
citations

159525

30  
h-index

414303

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

10229  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible methylation of m6Am in the 5' cap controls mRNA stability. <i>Nature</i> , 2017, 541, 371-375.	13.7	797
2	Signaling by IL-6 promotes alternative activation of macrophages to limit endotoxemia and obesity-associated resistance to insulin. <i>Nature Immunology</i> , 2014, 15, 423-430.	7.0	577
3	Obesity-Induced CerS6-Dependent C16:0 Ceramide Production Promotes Weight Gain and Glucose Intolerance. <i>Cell Metabolism</i> , 2014, 20, 678-686.	7.2	520
4	MyD88 Signaling in the CNS Is Required for Development of Fatty Acid-Induced Leptin Resistance and Diet-Induced Obesity. <i>Cell Metabolism</i> , 2009, 10, 249-259.	7.2	428
5	Versatile functions for IL-6 in metabolism and cancer. <i>Trends in Immunology</i> , 2015, 36, 92-101.	2.9	318
6	Neonatal Insulin Action Impairs Hypothalamic Neurocircuit Formation in Response to Maternal High-Fat Feeding. <i>Cell</i> , 2014, 156, 495-509.	13.5	299
7	AgRP Neurons Control Systemic Insulin Sensitivity via Myostatin Expression in Brown Adipose Tissue. <i>Cell</i> , 2016, 165, 125-138.	13.5	222
8	FTO controls reversible m6Am RNA methylation during snRNA biogenesis. <i>Nature Chemical Biology</i> , 2019, 15, 340-347.	3.9	192
9	IL-6 Regulates M2 Polarization and Local Proliferation of Adipose Tissue Macrophages in Obesity. <i>Journal of Immunology</i> , 2017, 198, 2927-2934.	0.4	189
10	Myeloid-Cell-Derived VEGF Maintains Brain Glucose Uptake and Limits Cognitive Impairment in Obesity. <i>Cell</i> , 2016, 165, 882-895.	13.5	167
11	Hypothalamic and pituitary c-Jun N-terminal kinase 1 signaling coordinately regulates glucose metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6028-6033.	3.3	143
12	Obesogenic memory can confer long-term increases in adipose tissue but not liver inflammation and insulin resistance after weight loss. <i>Molecular Metabolism</i> , 2016, 5, 328-339.	3.0	111
13	Obesity exacerbates colitis-associated cancer via IL-6-regulated macrophage polarisation and CCL-20/CCR-6-mediated lymphocyte recruitment. <i>Nature Communications</i> , 2018, 9, 1646.	5.8	108
14	IL-6/Stat3-Dependent Induction of a Distinct, Obesity-Associated NK Cell Subpopulation Deteriorates Energy and Glucose Homeostasis. <i>Cell Metabolism</i> , 2017, 26, 171-184.e6.	7.2	104
15	Hierarchical prediction errors in midbrain and septum during social learning. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 618-634.	1.5	103
16	Single copy shRNA configuration for ubiquitous gene knockdown in mice. <i>Nucleic Acids Research</i> , 2005, 33, e67-e67.	6.5	101
17	Hepatic Bax Inhibitor-1 Inhibits IRE1 $\alpha$ and Protects from Obesity-associated Insulin Resistance and Glucose Intolerance. <i>Journal of Biological Chemistry</i> , 2010, 285, 6198-6207.	1.6	98
18	Myeloid Cell-Restricted Insulin Receptor Deficiency Protects Against Obesity-Induced Inflammation and Systemic Insulin Resistance. <i>PLoS Genetics</i> , 2010, 6, e1000938.	1.5	92

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19	Mutant Huntingtin Causes Metabolic Imbalance by Disruption of Hypothalamic Neurocircuits. <i>Cell Metabolism</i> , 2011, 13, 428-439.	7.2	90
20	<scp>FTO</scp>, m<sup>6</sup>A<sub>m</sub>, and the hypothesis of reversible epitranscriptomic <scp>mRNA</scp> modifications. <i>FEBS Letters</i> , 2018, 592, 2012-2022.	1.3	88
21	Dicer1â€™miR-328â€™Bace1 signalling controls brown adipose tissue differentiation and function. <i>Nature Cell Biology</i> , 2016, 18, 328-336.	4.6	80
22	An Obesity-Predisposing Variant of the FTO Gene Regulates D2R-Dependent Reward Learning. <i>Journal of Neuroscience</i> , 2015, 35, 12584-12592.	1.7	75
23	Adipose tissue macrophages inhibit adipogenesis of mesenchymal precursor cells via wnt-5a in humans. <i>International Journal of Obesity</i> , 2011, 35, 1450-1454.	1.6	71
24	Loss of UCP2 Attenuates Mitochondrial Dysfunction without Altering ROS Production and Uncoupling Activity. <i>PLoS Genetics</i> , 2014, 10, e1004385.	1.5	63
25	Visfatin/PBEF/Nampt and Resistin Expressions in Circulating Blood Monocytes are Differentially Related to Obesity and Type 2 Diabetes in Humans. <i>Hormone and Metabolic Research</i> , 2010, 42, 268-273.	0.7	53
26	Phosphoinositide-Dependent Kinase 1 Provides Negative Feedback Inhibition to Toll-Like Receptor-Mediated NF-Î²B Activation in Macrophages. <i>Molecular and Cellular Biology</i> , 2010, 30, 4354-4366.	1.1	49
27	Jak-TGFÎ² cross-talk links transient adipose tissue inflammation to beige adipogenesis. <i>Science Signaling</i> , 2018, 11, .	1.6	41
28	FTO gene variant modulates the neural correlates of visual food perception. <i>NeuroImage</i> , 2016, 128, 21-31.	2.1	33
29	A scalable CRISPR/Cas9-based fluorescent reporter assay to study DNA double-strand break repair choice. <i>Nature Communications</i> , 2020, 11, 4077.	5.8	33
30	Novel roles for JNK1 in metabolism. <i>Aging</i> , 2010, 2, 621-626.	1.4	32
31	Obesity Promotes Liver Carcinogenesis via Mcl-1 Stabilization Independent of IL-6RÎ± Signaling. <i>Cell Reports</i> , 2013, 4, 669-680.	2.9	30