

Maximilian Zeyda

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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.

74
papers

4,157
citations

31
h-index

64
g-index

78
ext. papers

4,709
ext. citations

7.3
avg, IF

5.01
L-index

#	Paper	IF	Citations
74	The TSC-mTOR signaling pathway regulates the innate inflammatory response. <i>Immunity</i> , 2008 , 29, 565-573	32.3	594
73	Obesity, inflammation, and insulin resistance--a mini-review. <i>Gerontology</i> , 2009 , 55, 379-86	5.5	271
72	CC chemokine and CC chemokine receptor profiles in visceral and subcutaneous adipose tissue are altered in human obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3215-21	5.6	236
71	Adipose tissue macrophages. <i>Immunology Letters</i> , 2007 , 112, 61-7	4.1	232
70	Long-chain n-3 PUFAs reduce adipose tissue and systemic inflammation in severely obese nondiabetic patients: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 1137-49	7.49	173
69	A versatile role of mammalian target of rapamycin in human dendritic cell function and differentiation. <i>Journal of Immunology</i> , 2010 , 185, 3919-31	5.3	171
68	Tamm-Horsfall glycoprotein links innate immune cell activation with adaptive immunity via a Toll-like receptor-4-dependent mechanism. <i>Journal of Clinical Investigation</i> , 2005 , 115, 468-475	15.9	171
67	Impaired local production of proresolving lipid mediators in obesity and 17-HDHA as a potential treatment for obesity-associated inflammation. <i>Diabetes</i> , 2013 , 62, 1945-56	0.9	150
66	Retinaldehyde dehydrogenase 1 regulates a thermogenic program in white adipose tissue. <i>Nature Medicine</i> , 2012 , 18, 918-25	50.5	148
65	Neutralization of osteopontin inhibits obesity-induced inflammation and insulin resistance. <i>Diabetes</i> , 2010 , 59, 935-46	0.9	137
64	LAT displacement from lipid rafts as a molecular mechanism for the inhibition of T cell signaling by polyunsaturated fatty acids. <i>Journal of Biological Chemistry</i> , 2002 , 277, 28418-23	5.4	134
63	Osteopontin expression in human and murine obesity: extensive local up-regulation in adipose tissue but minimal systemic alterations. <i>Endocrinology</i> , 2008 , 149, 1350-7	4.8	115
62	Severe obesity increases adipose tissue expression of interleukin-33 and its receptor ST2, both predominantly detectable in endothelial cells of human adipose tissue. <i>International Journal of Obesity</i> , 2013 , 37, 658-65	5.5	102
61	Inflammation correlates with markers of T-cell subsets including regulatory T cells in adipose tissue from obese patients. <i>Obesity</i> , 2011 , 19, 743-8	8	101
60	Local anesthetics have a major impact on viability of preadipocytes and their differentiation into adipocytes. <i>Plastic and Reconstructive Surgery</i> , 2010 , 126, 1500-1505	2.7	100
59	Polyunsaturated fatty acids block dendritic cell activation and function independently of NF-kappaB activation. <i>Journal of Biological Chemistry</i> , 2005 , 280, 14293-301	5.4	96
58	Disruption of the interaction of T cells with antigen-presenting cells by the active leflunomide metabolite teriflunomide: involvement of impaired integrin activation and immunologic synapse formation. <i>Arthritis and Rheumatism</i> , 2005 , 52, 2730-9		84

57	Suppression of T cell signaling by polyunsaturated fatty acids: selectivity in inhibition of mitogen-activated protein kinase and nuclear factor activation. <i>Journal of Immunology</i> , 2003 , 170, 6033-9	5.3	79
56	Liver X receptors regulate dendritic cell phenotype and function through blocked induction of the actin-bundling protein fascin. <i>Blood</i> , 2007 , 109, 4288-95	2.2	68
55	Osteopontin is an activator of human adipose tissue macrophages and directly affects adipocyte function. <i>Endocrinology</i> , 2011 , 152, 2219-27	4.8	64
54	Polyunsaturated fatty acids interfere with formation of the immunological synapse. <i>Journal of Leukocyte Biology</i> , 2005 , 77, 680-8	6.5	52
53	Immunomodulation by polyunsaturated fatty acids: impact on T-cell signaling. <i>Lipids</i> , 2004 , 39, 1171-5	1.6	50
52	Human but not mouse adipogenesis is critically dependent on LMO3. <i>Cell Metabolism</i> , 2013 , 18, 62-74	24.6	48
51	Brain leptin reduces liver lipids by increasing hepatic triglyceride secretion and lowering lipogenesis. <i>Nature Communications</i> , 2019 , 10, 2717	17.4	47
50	Osteopontin is a key player for local adipose tissue macrophage proliferation in obesity. <i>Molecular Metabolism</i> , 2016 , 5, 1131-1137	8.8	43
49	Liver X receptors interfere with cytokine-induced proliferation and cell survival in normal and leukemic lymphocytes. <i>Journal of Leukocyte Biology</i> , 2009 , 86, 1039-48	6.5	42
48	Power assisted liposuction to obtain adipose-derived stem cells: impact on viability and differentiation to adipocytes in comparison to manual aspiration. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014 , 67, e1-8	1.7	37
47	Transcriptional cofactor TBLR1 controls lipid mobilization in white adipose tissue. <i>Cell Metabolism</i> , 2013 , 17, 575-85	24.6	35
46	Neonatal Screening in Europe Revisited: An ISNS Perspective on the Current State and Developments Since 2010. <i>International Journal of Neonatal Screening</i> , 2021 , 7,	2.6	34
45	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. <i>Nature Medicine</i> , 2016 , 22, 771-9	50.5	33
44	Serum Myostatin is Upregulated in Obesity and Correlates with Insulin Resistance in Humans. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2019 , 127, 550-556	2.3	32
43	Lipid raft-associated GTPase signaling controls morphology and CD8+ T cell stimulatory capacity of human dendritic cells. <i>Journal of Immunology</i> , 2004 , 173, 1628-39	5.3	31
42	Rice bran prevents high-fat diet-induced inflammation and macrophage content in adipose tissue. <i>European Journal of Nutrition</i> , 2016 , 55, 2011-9	5.2	28
41	Prevention of CD40-triggered dendritic cell maturation and induction of T-cell hyporeactivity by targeting of Janus kinase 3. <i>American Journal of Transplantation</i> , 2003 , 3, 1341-9	8.7	28
40	An accelerated mouse model for atherosclerosis and adipose tissue inflammation. <i>Cardiovascular Diabetology</i> , 2014 , 13, 23	8.7	26

39	Alemtuzumab (Campath-1H) induction therapy and dendritic cells: Impact on peripheral dendritic cell repertoire in renal allograft recipients. <i>Transplant Immunology</i> , 2006 , 16, 254-7	1.7	25
38	Newborn screening for homocystinurias: Recent recommendations versus current practice. <i>Journal of Inherited Metabolic Disease</i> , 2019 , 42, 128-139	5.4	24
37	Insulin-like growth factor 1 predicts post-load hypoglycemia following bariatric surgery: a prospective cohort study. <i>PLoS ONE</i> , 2014 , 9, e94613	3.7	24
36	Antithymocyte globulin impairs T-cell/antigen-presenting cell interaction: disruption of immunological synapse and conjugate formation. <i>Transplantation</i> , 2007 , 84, 117-21	1.8	23
35	SLAM-associated protein deficiency causes imbalanced early signal transduction and blocks downstream activation in T cells from X-linked lymphoproliferative disease patients. <i>Journal of Biological Chemistry</i> , 2003 , 278, 29593-9	5.4	23
34	Suppression of early T-cell-receptor-triggered cellular activation by the Janus kinase 3 inhibitor WHI-P-154. <i>Transplantation</i> , 2003 , 75, 1864-72	1.8	21
33	Adiponectin regulates aquaglyceroporin expression in hepatic stellate cells altering their functional state. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017 , 32, 253-260	4	20
32	Osteopontin affects macrophage polarization promoting endocytic but not inflammatory properties. <i>Obesity</i> , 2016 , 24, 1489-98	8	20
31	Wound Healing Effect of Conditioned Media Obtained From Adipose Tissue on Human Skin Cells: A Comparative in Vitro Study. <i>Annals of Plastic Surgery</i> , 2016 , 77, 156-63	1.7	19
30	Treatment with n-3 polyunsaturated fatty acids overcomes the inverse association of vitamin D deficiency with inflammation in severely obese patients: a randomized controlled trial. <i>PLoS ONE</i> , 2013 , 8, e54634	3.7	19
29	Impairment of T cell interactions with antigen-presenting cells by immunosuppressive drugs reveals involvement of calcineurin and NF-kappaB in immunological synapse formation. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 319-27	6.5	18
28	Inhibition of human dendritic cell maturation and function by the novel immunosuppressant FK778. <i>Transplantation</i> , 2005 , 80, 1105-11	1.8	16
27	Upregulated TNF Expression 1 Year After Bariatric Surgery Reflects a Cachexia-Like State in Subcutaneous Adipose Tissue. <i>Obesity Surgery</i> , 2017 , 27, 1514-1523	3.7	10
26	Immunological blockade of adipocyte inflammation caused by increased matrix metalloproteinase-cleaved osteopontin in obesity. <i>Obesity</i> , 2015 , 23, 779-85	8	10
25	Janus kinase-3 (JAK3) inhibition: a novel immunosuppressive option for allogeneic transplantation. <i>Transplant International</i> , 2004 , 17, 481-9	3	9
24	Identification of matrix metalloproteinase-12 as a candidate molecule for prevention and treatment of cardiometabolic disease. <i>Molecular Medicine</i> , 2016 , 22, 487-496	6.2	9
23	Mast cells are not associated with systemic insulin resistance. <i>European Journal of Clinical Investigation</i> , 2016 , 46, 911-919	4.6	8
22	Impact of osteopontin on the development of non-alcoholic liver disease and related hepatocellular carcinoma. <i>Liver International</i> , 2020 , 40, 1620-1633	7.9	7

21	Demethylation of the promoter region of GPX3 in a newborn with classical phenylketonuria. <i>Clinical Biochemistry</i> , 2017 , 50, 159-161	3.5	7
20	Osteopontin promotes aromatase expression and estradiol production in human adipocytes. <i>Breast Cancer Research and Treatment</i> , 2015 , 154, 63-9	4.4	7
19	Janus kinase-3 (JAK3) inhibition: a novel immunosuppressive option for allogeneic transplantation. <i>Transplant International</i> , 2004 , 17, 481-489	3	6
18	Coenzyme Q10 does not enhance preadipocyte viability in an in vitro lipotransfer model. <i>Aesthetic Plastic Surgery</i> , 2012 , 36, 453-7	2	5
17	A branched-chain amino acid-based metabolic score can predict liver fat in children and adolescents with severe obesity. <i>Pediatric Obesity</i> , 2021 , 16, e12739	4.6	5
16	Rapid and Modular Assembly of Click Substrates To Assay Enzyme Activity in the Newborn Screening of Lysosomal Storage Disorders. <i>ACS Central Science</i> , 2018 , 4, 1688-1696	16.8	5
15	Osteopontin-deficient progenitor cells display enhanced differentiation to adipocytes. <i>Obesity Research and Clinical Practice</i> , 2018 , 12, 277-285	5.4	4
14	Inhibition of Cellular Adhesion by Immunological Targeting of Osteopontin Neoepitopes Generated through Matrix Metalloproteinase and Thrombin Cleavage. <i>PLoS ONE</i> , 2016 , 11, e0148333	3.7	4
13	Gluconeogenesis, But Not Glycogenolysis, Contributes to the Increase in Endogenous Glucose Production by SGLT-2 Inhibition. <i>Diabetes Care</i> , 2021 , 44, 541-548	14.6	3
12	Circulating microRNAs 34a, 122, and 192 are linked to obesity-associated inflammation and metabolic disease in pediatric patients. <i>International Journal of Obesity</i> , 2021 , 45, 1763-1772	5.5	3
11	Regulatory landscape of providing information on newborn screening to parents across Europe. <i>European Journal of Human Genetics</i> , 2021 , 29, 67-78	5.3	3
10	25th Annual Meeting of the German Society of Newborn Screening. <i>International Journal of Neonatal Screening</i> , 2018 , 4, 17	2.6	2
9	Elevated Homocysteine after Elevated Propionylcarnitine or Low Methionine in Newborn Screening Is Highly Predictive for Low Vitamin B12 and Holo-Transcobalamin Levels in Newborns. <i>Diagnostics</i> , 2020 , 10,	3.8	2
8	Peptide-based vaccination against OPN integrin binding sites does not improve cardio-metabolic disease in mice. <i>Immunology Letters</i> , 2016 , 179, 85-94	4.1	1
7	Antibody-mediated targeting of cleavage-specific OPN-T cell interactions. <i>PLoS ONE</i> , 2019 , 14, e0214938.	3.7	1
6	A humanized osteopontin mouse model and its application in immunometabolic obesity studies. <i>Translational Research</i> , 2016 , 178, 63-73.e2	11	1
5	Immunomodulation by Polyunsaturated Fatty Acids: Impact on T-cell Functions and Signaling 2009 , 1399-1421		
4	Dietary Fatty Acids as Modulators of Adipose Inflammation. <i>Oxidative Stress and Disease</i> , 2009 , 189-204		

3 Adipokines, Inflammation, and Atherosclerosis **2012**, 267-288

2 Österreichisches Neugeborenen-Screening (Früherkennung von Vitamin-B12-Mangel im Fokus).
Padiatrie Und Padologie, **2021**, 56, 163-167

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1 Plasma Myostatin Increases with Age in Male Youth and Negatively Correlates with Vitamin D in
Severe Pediatric Obesity. *Nutrients*, **2022**, 14, 2133

6.7