Maximilian Zeyda

List of Publications by Year in Descending Order

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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	Plasma Myostatin Increases with Age in Male Youth and Negatively Correlates with Vitamin D in Severe Pediatric Obesity. *Nutrients*, **2022**, 14, 2133	6.7	
73	Gluconeogenesis, But Not Glycogenolysis, Contributes to the Increase in Endogenous Glucose Production by SGLT-2 Inhibition. *Diabetes Care*, **2021**, 44, 541-548	14.6	3
72	Neonatal Screening in Europe Revisited: An ISNS Perspective on the Current State and Developments Since 2010. *International Journal of Neonatal Screening*, **2021**, 7,	2.6	34
71	Circulating microRNAs 34a, 122, and 192 are linked to obesity-associated inflammation and metabolic disease in pediatric patients. *International Journal of Obesity*, **2021**, 45, 1763-1772	5.5	3
70	Regulatory landscape of providing information on newborn screening to parents across Europe. *European Journal of Human Genetics*, **2021**, 29, 67-78	5.3	3
69	A branched-chain amino acid-based metabolic score can predict liver fat in children and adolescents with severe obesity. *Pediatric Obesity*, **2021**, 16, e12739	4.6	5
68	Österreichisches Neugeborenen-Screening – Früherkennung von Vitamin-B12-Mangel im Fokus. *Padiatrie Und Padologie*, **2021**, 56, 163-167	0	
67	Impact of osteopontin on the development of non-alcoholic liver disease and related hepatocellular carcinoma. *Liver International*, **2020**, 40, 1620-1633	7.9	7
66	Elevated Homocysteine after Elevated Propionylcarnitine or Low Methionine in Newborn Screening Is Highly Predictive for Low Vitamin B12 and Holo-Transcobalamin Levels in Newborns. *Diagnostics*, **2020**, 10,	3.8	2
65	Brain leptin reduces liver lipids by increasing hepatic triglyceride secretion and lowering lipogenesis. *Nature Communications*, **2019**, 10, 2717	17.4	47
64	Newborn screening for homocystinurias: Recent recommendations versus current practice. *Journal of Inherited Metabolic Disease*, **2019**, 42, 128-139	5.4	24
63	Serum Myostatin is Upregulated in Obesity and Correlates with Insulin Resistance in Humans. *Experimental and Clinical Endocrinology and Diabetes*, **2019**, 127, 550-556	2.3	32
62	Antibody-mediated targeting of cleavage-specific OPN-T cell interactions. *PLoS ONE*, **2019**, 14, e0214938	3.7	1
61	Osteopontin-deficient progenitor cells display enhanced differentiation to adipocytes. *Obesity Research and Clinical Practice*, **2018**, 12, 277-285	5.4	4
60	25th Annual Meeting of the German Society of Newborn Screening. *International Journal of Neonatal Screening*, **2018**, 4, 17	2.6	2
59	Rapid and Modular Assembly of Click Substrates To Assay Enzyme Activity in the Newborn Screening of Lysosomal Storage Disorders. *ACS Central Science*, **2018**, 4, 1688-1696	16.8	5
58	Adiponectin regulates aquaglyceroporin expression in hepatic stellate cells altering their functional state. *Journal of Gastroenterology and Hepatology (Australia)*, **2017**, 32, 253-260	4	20

57	Upregulated TNF Expression 1 Year After Bariatric Surgery Reflects a Cachexia-Like State in Subcutaneous Adipose Tissue. *Obesity Surgery*, **2017**, 27, 1514-1523	3.7	10
56	Demethylation of the promoter region of GPX3 in a newborn with classical phenylketonuria. *Clinical Biochemistry*, **2017**, 50, 159-161	3.5	7
55	Rice bran prevents high-fat diet-induced inflammation and macrophage content in adipose tissue. *European Journal of Nutrition*, **2016**, 55, 2011-9	5.2	28
54	Peptide-based vaccination against OPN integrin binding sites does not improve cardio-metabolic disease in mice. *Immunology Letters*, **2016**, 179, 85-94	4.1	1
53	Osteopontin is a key player for local adipose tissue macrophage proliferation in obesity. *Molecular Metabolism*, **2016**, 5, 1131-1137	8.8	43
52	Wound Healing Effect of Conditioned Media Obtained From Adipose Tissue on Human Skin Cells: A Comparative in Vitro Study. *Annals of Plastic Surgery*, **2016**, 77, 156-63	1.7	19
51	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. *Nature Medicine*, **2016**, 22, 771-9	50.5	33
50	Identification of matrix metalloproteinase-12 as a candidate molecule for prevention and treatment of cardiometabolic disease. *Molecular Medicine*, **2016**, 22, 487-496	6.2	9
49	Inhibition of Cellular Adhesion by Immunological Targeting of Osteopontin Neoepitopes Generated through Matrix Metalloproteinase and Thrombin Cleavage. *PLoS ONE*, **2016**, 11, e0148333	3.7	4
48	Osteopontin affects macrophage polarization promoting endocytic but not inflammatory properties. *Obesity*, **2016**, 24, 1489-98	8	20
47	Mast cells are not associated with systemic insulin resistance. *European Journal of Clinical Investigation*, **2016**, 46, 911-919	4.6	8
46	A humanized osteopontin mouse model and its application in immunometabolic obesity studies. *Translational Research*, **2016**, 178, 63-73.e2	11	1
45	Immunological blockade of adipocyte inflammation caused by increased matrix metalloproteinase-cleaved osteopontin in obesity. *Obesity*, **2015**, 23, 779-85	8	10
44	Osteopontin promotes aromatase expression and estradiol production in human adipocytes. *Breast Cancer Research and Treatment*, **2015**, 154, 63-9	4.4	7
43	An accelerated mouse model for atherosclerosis and adipose tissue inflammation. *Cardiovascular Diabetology*, **2014**, 13, 23	8.7	26
42	Power assisted liposuction to obtain adipose-derived stem cells: impact on viability and differentiation to adipocytes in comparison to manual aspiration. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2014**, 67, e1-8	1.7	37
41	Insulin-like growth factor 1 predicts post-load hypoglycemia following bariatric surgery: a prospective cohort study. *PLoS ONE*, **2014**, 9, e94613	3.7	24
40	Human but not mouse adipogenesis is critically dependent on LMO3. *Cell Metabolism*, **2013**, 18, 62-74	24.6	48

39	Transcriptional cofactor TBLR1 controls lipid mobilization in white adipose tissue. *Cell Metabolism*, **2013**, 17, 575-85	24.6	35
38	Impaired local production of proresolving lipid mediators in obesity and 17-HDHA as a potential treatment for obesity-associated inflammation. *Diabetes*, **2013**, 62, 1945-56	0.9	150
37	Severe obesity increases adipose tissue expression of interleukin-33 and its receptor ST2, both predominantly detectable in endothelial cells of human adipose tissue. *International Journal of Obesity*, **2013**, 37, 658-65	5.5	102
36	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. *PLoS ONE*, **2013**, 8, e54634	3.7	19
35	Retinaldehyde dehydrogenase 1 regulates a thermogenic program in white adipose tissue. *Nature Medicine*, **2012**, 18, 918-25	50.5	148
34	Coenzyme Q10 does not enhance preadipocyte viability in an in vitro lipotransfer model. *Aesthetic Plastic Surgery*, **2012**, 36, 453-7	2	5
33	Long-chain n-3 PUFAs reduce adipose tissue and systemic inflammation in severely obese nondiabetic patients: a randomized controlled trial. *American Journal of Clinical Nutrition*, **2012**, 96, 1137-49	7	173
32	Adipokines, Inflammation, and Atherosclerosis **2012**, 267-288		
31	Inflammation correlates with markers of T-cell subsets including regulatory T cells in adipose tissue from obese patients. *Obesity*, **2011**, 19, 743-8	8	101
30	Osteopontin is an activator of human adipose tissue macrophages and directly affects adipocyte function. *Endocrinology*, **2011**, 152, 2219-27	4.8	64
29	Neutralization of osteopontin inhibits obesity-induced inflammation and insulin resistance. *Diabetes*, **2010**, 59, 935-46	0.9	137
28	A versatile role of mammalian target of rapamycin in human dendritic cell function and differentiation. *Journal of Immunology*, **2010**, 185, 3919-31	5.3	171
27	Local anesthetics have a major impact on viability of preadipocytes and their differentiation into adipocytes. *Plastic and Reconstructive Surgery*, **2010**, 126, 1500-1505	2.7	100
26	Liver X receptors interfere with cytokine-induced proliferation and cell survival in normal and leukemic lymphocytes. *Journal of Leukocyte Biology*, **2009**, 86, 1039-48	6.5	42
25	Obesity, inflammation, and insulin resistance--a mini-review. *Gerontology*, **2009**, 55, 379-86	5.5	271
24	Immunomoduation by Polyunsaturated Fatty Acids: Impact on T-cell Functions and Signaling **2009**, 1399-1421		
23	Dietary Fatty Acids as Modulators of Adipose Inflammation. *Oxidative Stress and Disease*, **2009**, 189-204		
22	The TSC-mTOR signaling pathway regulates the innate inflammatory response. *Immunity*, **2008**, 29, 565-77	32.3	594

21	CC chemokine and CC chemokine receptor profiles in visceral and subcutaneous adipose tissue are altered in human obesity. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 3215-21	5.6	236
20	Osteopontin expression in human and murine obesity: extensive local up-regulation in adipose tissue but minimal systemic alterations. *Endocrinology*, **2008**, 149, 1350-7	4.8	115
19	Adipose tissue macrophages. *Immunology Letters*, **2007**, 112, 61-7	4.1	232
18	Impairment of T cell interactions with antigen-presenting cells by immunosuppressive drugs reveals involvement of calcineurin and NF-kappaB in immunological synapse formation. *Journal of Leukocyte Biology*, **2007**, 81, 319-27	6.5	18
17	Liver X receptors regulate dendritic cell phenotype and function through blocked induction of the actin-bundling protein fascin. *Blood*, **2007**, 109, 4288-95	2.2	68
16	Antithymocyte globulin impairs T-cell/antigen-presenting cell interaction: disruption of immunological synapse and conjugate formation. *Transplantation*, **2007**, 84, 117-21	1.8	23
15	Alemtuzumab (Campath-1H) induction therapy and dendritic cells: Impact on peripheral dendritic cell repertoire in renal allograft recipients. *Transplant Immunology*, **2006**, 16, 254-7	1.7	25
14	Inhibition of human dendritic cell maturation and function by the novel immunosuppressant FK778. *Transplantation*, **2005**, 80, 1105-11	1.8	16
13	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. *Arthritis and Rheumatism*, **2005**, 52, 2730-9		84
12	Polyunsaturated fatty acids block dendritic cell activation and function independently of NF-kappaB activation. *Journal of Biological Chemistry*, **2005**, 280, 14293-301	5.4	96
11	Polyunsaturated fatty acids interfere with formation of the immunological synapse. *Journal of Leukocyte Biology*, **2005**, 77, 680-8	6.5	52
10	Tamm-Horsfall glycoprotein links innate immune cell activation with adaptive immunity via a Toll-like receptor-4–dependent mechanism. *Journal of Clinical Investigation*, **2005**, 115, 468-475	15.9	171
9	Lipid raft-associated GTPase signaling controls morphology and CD8+ T cell stimulatory capacity of human dendritic cells. *Journal of Immunology*, **2004**, 173, 1628-39	5.3	31
8	Janus kinase-3 (JAK3) inhibition: a novel immunosuppressive option for allogeneic transplantation. *Transplant International*, **2004**, 17, 481-489	3	6
7	Janus kinase-3 (JAK3) inhibition: a novel immunosuppressive option for allogeneic transplantation. *Transplant International*, **2004**, 17, 481-9	3	9
6	Immunomodulation by polyunsaturated fatty acids: impact on T-cell signaling. *Lipids*, **2004**, 39, 1171-5	1.6	50
5	SLAM-associated protein deficiency causes imbalanced early signal transduction and blocks downstream activation in T cells from X-linked lymphoproliferative disease patients. *Journal of Biological Chemistry*, **2003**, 278, 29593-9	5.4	23
4	Suppression of T cell signaling by polyunsaturated fatty acids: selectivity in inhibition of mitogen-activated protein kinase and nuclear factor activation. *Journal of Immunology*, **2003**, 170, 6033-9	5.3	79

3	Suppression of early T-cell-receptor-triggered cellular activation by the Janus kinase 3 inhibitor WHI-P-154. *Transplantation*, **2003**, 75, 1864-72	1.8	21
2	Prevention of CD40-triggered dendritic cell maturation and induction of T-cell hyporeactivity by targeting of Janus kinase 3. *American Journal of Transplantation*, **2003**, 3, 1341-9	8.7	28
1	LAT displacement from lipid rafts as a molecular mechanism for the inhibition of T cell signaling by polyunsaturated fatty acids. *Journal of Biological Chemistry*, **2002**, 277, 28418-23	5.4	134