# Thomas M Stulnig

## List of Publications by Citations



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| 71 papers | 3,850 citations | 32 h-index | 62 g-index |
| 72 ext. papers | 4,260 ext. citations | 5.6 avg, IF | 5.34 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 71 | Obesity, inflammation, and insulin resistance--a mini-review. *Gerontology*, **2009**, 55, 379-86 | 5.5 | 271 |
| 70 | Polyunsaturated eicosapentaenoic acid displaces proteins from membrane rafts by altering raft lipid composition. *Journal of Biological Chemistry*, **2001**, 276, 37335-40 | 5.4 | 265 |
| 69 | 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 |
| 68 | Adipose tissue macrophages. *Immunology Letters*, **2007**, 112, 61-7 | 4.1 | 232 |
| 67 | Polyunsaturated fatty acids inhibit T cell signal transduction by modification of detergent-insoluble membrane domains. *Journal of Cell Biology*, **1998**, 143, 637-44 | 7.3 | 228 |
| 66 | 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 |
| 65 | 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 |
| 64 | Immunomodulation by polyunsaturated fatty acids: mechanisms and effects. *International Archives of Allergy and Immunology*, **2003**, 132, 310-21 | 3.7 | 148 |
| 63 | Neutralization of osteopontin inhibits obesity-induced inflammation and insulin resistance. *Diabetes*, **2010**, 59, 935-46 | 0.9 | 137 |
| 62 | 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 |
| 61 | Circulating betatrophin correlates with atherogenic lipid profiles but not with glucose and insulin levels in insulin-resistant individuals. *Diabetologia*, **2014**, 57, 1204-8 | 10.3 | 129 |
| 60 | The PNPLA3 I148M variant modulates the fibrogenic phenotype of human hepatic stellate cells. *Hepatology*, **2017**, 65, 1875-1890 | 11.2 | 126 |
| 59 | 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 |
| 58 | 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 |
| 57 | 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 |
| 56 | 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 |
| 55 | 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 |

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| 54 | Age Related Urodynamic Changes in Patients with Benign Prostatic Hyperplasia. *Journal of Urology*, **1996**, 156, 1662-1667 | 2.5 | 75 |
| 53 | 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 |
| 52 | Autoimmune aspects of type 2 diabetes mellitus - a mini-review. *Gerontology*, **2014**, 60, 189-96 | 5.5 | 67 |
| 51 | Lipid Rafts & Co.: an integrated model of membrane organization in T cell activation. *Progress in Lipid Research*, **2006**, 45, 187-202 | 14.3 | 67 |
| 50 | Interrelationships of bladder compliance with age, detrusor instability, and obstruction in elderly men with lower urinary tract symptoms. *Neurourology and Urodynamics*, **1999**, 18, 3-15 | 2.3 | 66 |
| 49 | Osteopontin is an activator of human adipose tissue macrophages and directly affects adipocyte function. *Endocrinology*, **2011**, 152, 2219-27 | 4.8 | 64 |
| 48 | Polyunsaturated fatty acids interfere with formation of the immunological synapse. *Journal of Leukocyte Biology*, **2005**, 77, 680-8 | 6.5 | 52 |
| 47 | Immunomodulation by polyunsaturated fatty acids: impact on T-cell signaling. *Lipids*, **2004**, 39, 1171-5 | 1.6 | 50 |
| 46 | Elevated serum free fatty acid concentrations inhibit T lymphocyte signaling. *FASEB Journal*, **2000**, 14, 939-47 | 0.9 | 44 |
| 45 | Osteopontin is a key player for local adipose tissue macrophage proliferation in obesity. *Molecular Metabolism*, **2016**, 5, 1131-1137 | 8.8 | 43 |
| 44 | Management and monitoring recommendations for the use of eliglustat in adults with type 1 Gaucher disease in Europe. *European Journal of Internal Medicine*, **2017**, 37, 25-32 | 3.9 | 42 |
| 43 | 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 |
| 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 | Diabetes and COVID-19 : Disease-Management-People. *Wiener Klinische Wochenschrift*, **2020**, 132, 356-361 | 2.3 | 35 |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | An accelerated mouse model for atherosclerosis and adipose tissue inflammation. *Cardiovascular Diabetology*, **2014**, 13, 23 | 8.7 | 26 |

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| 36 | Insulin-like growth factor 1 predicts post-load hypoglycemia following bariatric surgery: a prospective cohort study. *PLoS ONE*, **2014**, 9, e94613 | 3.7 | 24 |
| 35 | Antithymocyte globulin impairs T-cell/antigen-presenting cell interaction: disruption of immunological synapse and conjugate formation. *Transplantation*, **2007**, 84, 117-21 | 1.8 | 23 |
| 34 | A protein-enriched low glycemic index diet with omega-3 polyunsaturated fatty acid supplementation exerts beneficial effects on metabolic control in type 2 diabetes. *Primary Care Diabetes*, **2014**, 8, 308-14 | 2.4 | 21 |
| 33 | Adiponectin regulates aquaglyceroporin expression in hepatic stellate cells altering their functional state. *Journal of Gastroenterology and Hepatology (Australia)*, **2017**, 32, 253-260 | 4 | 20 |
| 32 | Osteopontin affects macrophage polarization promoting endocytic but not inflammatory properties. *Obesity*, **2016**, 24, 1489-98 | 8 | 20 |
| 31 | 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 |
| 30 | Loss of ABHD15 Impairs the Anti-lipolytic Action of Insulin by Altering PDE3B Stability and Contributes to Insulin Resistance. *Cell Reports*, **2018**, 23, 1948-1961 | 10.6 | 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. *Journal of Leukocyte Biology*, **2007**, 81, 319-27 | 6.5 | 18 |
| 28 | AQP3 is regulated by PPAR□and JNK in hepatic stellate cells carrying PNPLA3 I148M. *Scientific Reports*, **2017**, 7, 14661 | 4.9 | 15 |
| 27 | 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 |
| 26 | Immunological blockade of adipocyte inflammation caused by increased matrix metalloproteinase-cleaved osteopontin in obesity. *Obesity*, **2015**, 23, 779-85 | 8 | 10 |
| 25 | 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 |
| 24 | Free fatty acid availability is closely related to myocardial lipid storage and cardiac function in hypoglycemia counterregulation. *American Journal of Physiology - Endocrinology and Metabolism*, **2015**, 308, E631-40 | 6 | 8 |
| 23 | Mast cells are not associated with systemic insulin resistance. *European Journal of Clinical Investigation*, **2016**, 46, 911-919 | 4.6 | 8 |
| 22 | Impact of osteopontin on the development of non-alcoholic liver disease and related hepatocellular carcinoma. *Liver International*, **2020**, 40, 1620-1633 | 7.9 | 7 |
| 21 | Osteopontin promotes aromatase expression and estradiol production in human adipocytes. *Breast Cancer Research and Treatment*, **2015**, 154, 63-9 | 4.4 | 7 |
| 20 | Deciphering the role of V200A and N291S mutations leading to LPL deficiency. *Atherosclerosis*, **2019**, 282, 45-51 | 3.1 | 6 |
| 19 | Janus kinase-3 (JAK3) inhibition: a novel immunosuppressive option for allogeneic transplantation. *Transplant International*, **2004**, 17, 481-489 | 3 | 6 |

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| 18 | Aquaporin regulation in metabolic organs. *Vitamins and Hormones*, **2020**, 112, 71-93 | 2.5 | 4 |
| 17 | Osteopontin-deficient progenitor cells display enhanced differentiation to adipocytes. *Obesity Research and Clinical Practice*, **2018**, 12, 277-285 | 5.4 | 4 |
| 16 | Pre- and peripartal management of a woman with McArdle disease: a case report. *Gynecological Endocrinology*, **2018**, 34, 736-739 | 2.4 | 4 |
| 15 | 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 |
| 14 | Obesity, Insulin Resistance, and Inflammaging **2014**, 157-164 | | 2 |
| 13 | Thrombin cleavage of osteopontin initiates osteopontin's tumor-promoting activity.. *Journal of Thrombosis and Haemostasis*, **2022**, | 15.4 | 2 |
| 12 | The ZONE Diet and Metabolic Control in Type 2 Diabetes. *Journal of the American College of Nutrition*, **2015**, 34 Suppl 1, 39-41 | 3.5 | 1 |
| 11 | 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 |
| 10 | Cardiovascular Effects of Stress During Acutely Increased Free Fatty Acids in a Randomized, Double-Blind, Cross-Over Study in Humans. *Hormone and Metabolic Research*, **2018**, 50, 478-484 | 3.1 | 1 |
| 9 | Antibody-mediated targeting of cleavage-specific OPN-T cell interactions. *PLoS ONE*, **2019**, 14, e0214938 | 3.7 | 1 |
| 8 | A humanized osteopontin mouse model and its application in immunometabolic obesity studies. *Translational Research*, **2016**, 178, 63-73.e2 | 11 | 1 |
| 7 | Lysosomale Speicherkrankheiten im Erwachsenenalter. *Austrian Journal of Clinical Endocrinology and Metabolism*, **2019**, 12, 2-6 | 0.2 | |
| 6 | . *Journal F Gynkologische Endokrinologie/Schweiz*, **2017**, 20, 109-114 | 0 | |
| 5 | Entwicklung von Orphan Drugs. *Wiener Klinisches Magazin: Beilage Zur Wiener Klinischen Wochenschrift*, **2015**, 18, 224-229 | 0 | |
| 4 | Immunomoduation by Polyunsaturated Fatty Acids: Impact on T-cell Functions and Signaling **2009**, 1399-1421 | | |
| 3 | Dietary Fatty Acids as Modulators of Adipose Inflammation. *Oxidative Stress and Disease*, **2009**, 189-204 | | |
| 2 | Adipokines, Inflammation, and Atherosclerosis **2012**, 267-288 | | |
| 1 | Morbus Gaucher. *Padiatrie Und Padologie*, **2020**, 55, 181-183 | 0 | |