# Thomas Weichhart

List of Publications by Year
in descending order



| 84 | 6,322 | 87888 38 | 69250 77 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 86 | 86 | 86 | 10202 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Pharmacological inhibition of the mTOR pathway alters phenotype and cytokine expression in bovine monocyte-derived dendritic cells. Veterinary Immunology and Immunopathology, 2022, , 110441. | 1.2 | 1 |
| 2 | High expression of mTOR signaling in granulomatous lesions is not predictive for the clinical course of sarcoidosis. Respiratory Medicine, 2021, 177, 106294. | 2.9 | 10 |
| 3 | 24-Norursodeoxycholic acid reshapes immunometabolism in CD8+ T cells and alleviates hepatic inflammation. Journal of Hepatology, 2021, 75, 1164-1176. | 3.7 | 20 |
| 4 | A fungal antigenic driver for LÃ¶fgrenâ€™s syndrome sarcoidosis. Journal of Experimental Medicine, 2021, 218, . | 8.5 | 5 |
| 5 | mTORâ€dependent immunometabolism as Achillesâ€™ heel of anticancer therapy. European Journal of Immunology, 2021, , . | 2.9 | 7 |
| 6 | Activation of Downstream mTORC1 Target Ribosomal Protein S6 Kinase (S6K) Can Be Found in a Subgroup of Dutch Patients with Granulomatous Pulmonary Disease. Cells, 2021, 10, 3545. | 4.1 | 2 |
| 7 | p38 regulates the tumor suppressor PDCD4 via the TSC-mTORC1 pathway. Cell Stress, 2021, 5, 176-182. | 3.2 | 4 |
| 8 | The PI3K pathway preserves metabolic health through MARCO-dependent lipid uptake by adipose tissue macrophages. Nature Metabolism, 2020, 2, 1427-1442. | 11.9 | 24 |
| 9 | Current Insights in Genetics of Sarcoidosis: Functional and Clinical Impacts. Journal of Clinical Medicine, 2020, 9, 2633. | 2.4 | 43 |
| 10 | Metabolic and immunologic control of intestinal cell function by mTOR. International Immunology, 2020, 32, 455-465. | 4.0 | 10 |
| 11 | Sarcoidosis and the mTOR, Rac1, and Autophagy Triad. Trends in Immunology, 2020, 41, 286-299. | 6.8 | 59 |
| 12 | Environmental arginine controls multinuclear giant cell metabolism and formation. Nature Communications, 2020, 11, 431. | 12.8 | 37 |
| 13 | Inverse Data-Driven Modeling and Multiomics Analysis Reveals Phgdh as a Metabolic Checkpoint of Macrophage Polarization and Proliferation. Cell Reports, 2020, 30, 1542-1552.e7. | 6.4 | 52 |
| 14 | A kinase-independent role for CDK8 in BCR-ABL1+ leukemia. Nature Communications, 2019, 10, 4741. | 12.8 | 33 |
| 15 | Metabolic Programming of Macrophages: Implications in the Pathogenesis of Granulomatous Disease. Frontiers in Immunology, 2019, 10, 2265. | 4.8 | 53 |
| 16 | Exome sequencing and pathogenicity-network analysis of five French families implicate mTOR signalling and autophagy in familial sarcoidosis. European Respiratory Journal, 2019, 54, 1900430. | 6.7 | 43 |
| 17 | Inactivation of mTORC2 in macrophages is a signature of colorectal cancer that promotes tumorigenesis. JCI Insight, 2019, 4, . | 5.0 | 19 |
| 18 | Whole exome sequencing in three families segregating a pediatric case of sarcoidosis. BMC Medical Genomics, 2018, 11, 23. | 1.5 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | mTOR as Regulator of Lifespan, Aging, and Cellular Senescence: A Mini-Review. Gerontology, 2018, 64, 127-134. | 2.8 | 326 |
| 20 | Iron Regulation: Macrophages in Control. Pharmaceuticals, 2018, 11, 137. | 3.8 | 124 |
| 21 | mTOR Senses Environmental Cues to Shape the Fibroblast-like Synoviocyte Response to Inflammation. Cell Reports, 2018, 23, 2157-2167. | 6.4 | 62 |
| 22 | TORching a semaphore for alternative macrophage activation. Nature Immunology, 2018, 19, 512-514. | 14.5 | 4 |
| 23 | New advances in the development of sarcoidosis models: a synopsis of a symposium sponsored by the Foundation for Sarcoidosis Research. Sarcoidosis Vasculitis and Diffuse Lung Diseases, 2018, 35, 2-4. | 0.2 | 6 |
| 24 | Chronic signaling via the metabolic checkpoint kinase mTORC1 induces macrophage granuloma formation and marks sarcoidosis progression. Nature Immunology, 2017, 18, 293-302. | 14.5 | 191 |
| 25 | A New Immunomodulatory Role for Peroxisomes in Macrophages Activated by the TLR4 Ligand Lipopolysaccharide. Journal of Immunology, 2017, 198, 2414-2425. | 0.8 | 45 |
| 26 | Pro- versus Anti-inflammatory Actions of HDLs in Innate Immunity. Cell Metabolism, 2017, 26, 2-3. | 16.2 | 6 |
| 27 | <scp>mTORC</scp>1 and <scp>mTORC</scp>2 as regulators of cell metabolism in immunity. FEBS Letters, 2017, 591, 3089-3103. | 2.8 | 194 |
| 28 | 04.05â€...The metabolic checkpoint kinase mtor regulates the rheumatoid mesenchymal tissue response to inflammation. , 2017, , . | | 0 |
| 29 | HDL Cholesterol Efflux Does Not Predict Cardiovascular Risk in Hemodialysis Patients. Journal of the American Society of Nephrology: JASN, 2017, 28, 769-775. | 6.1 | 45 |
| 30 | Effects of Interferons and Viruses on Metabolism. Frontiers in Immunology, 2016, 7, 630. | 4.8 | 96 |
| 31 | mTOR-Mediated Regulation of Dendritic Cell Differentiation and Function. Trends in Immunology, 2016, 37, 778-789. | 6.8 | 93 |
| 32 | Applied immuno-epidemiological research: an approach for integrating existing knowledge into the statistical analysis of multiple immune markers. BMC Immunology, 2016, 17, 11. | 2.2 | 7 |
| 33 | A2.6â€...MTOR plays a decisive role in the mesenchymal tissue response to inflammation in arthritis. Annals of the Rheumatic Diseases, 2015, 74, A18.1-A18. | 0.9 | 0 |
| 34 | Restoration of Renal Function Does Not Correct Impairment of Uremic HDL Properties. Journal of the American Society of Nephrology: JASN, 2015, 26, 565-575. | 6.1 | 37 |
| 35 | Quantification of HDL Proteins, Cardiac Events, and Mortality in Patients with Type 2 Diabetes on Hemodialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 224-231. | 4.5 | 54 |
| 36 | Effects of the mTOR inhibitor everolimus and the PI3K/mTOR inhibitor NVP-BEZ235 in murine acute lung injury models. Transplant Immunology, 2015, 33, 45-50. | 1.2 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | HDL Cholesterol Efflux Capacity and Cardiovascular Events. New England Journal of Medicine, 2015, 372, 1869-1872. | 27.0 | 38 |
| 38 | Regulation of innate immune cell function by mTOR. Nature Reviews Immunology, 2015, 15, 599-614. | 22.7 | 612 |
| 39 | Lysis Gradient Centrifugation: A Flexible Method for the Isolation of Nuclei from Primary Cells. Methods in Molecular Biology, 2015, 1228, 15-23. | 0.9 | 5 |
| 40 | HDL-Proteine sind mit kardiovaskulÃrem Risiko und MortalitÃt bei Patienten mit Typ 2-Diabetes an der HÃmodialyse assoziiert. Nieren- Und Hochdruckkrankheiten, 2015, 44, 159-165. | 0.0 | 0 |
| 41 | mTORC1 Is Essential for Early Steps during Schwann Cell Differentiation of Amniotic Fluid Stem Cells and Regulates Lipogenic Gene Expression. PLoS ONE, 2014, 9, e107004. | 2.5 | 15 |
| 42 | Drug-induced pneumonitis in cancer patients treated with mTOR inhibitors: management and insights into possible mechanisms. Expert Opinion on Drug Safety, 2014, 13, 361-372. | 2.4 | 30 |
| 43 | Inhibition of mTOR down-regulates scavenger receptor, class B, type I (SR-BI) expression, reduces endothelial cell migration and impairs nitric oxide production. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 944-953. | 2.4 | 19 |
| 44 | Hereditary amyloidosis caused by R554L fibrinogen AÎ±-chain mutation in a Spanish family and review of the literature. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2013, 20, 72-79. | 3.0 | 19 |
| 45 | p38Î± Senses Environmental Stress To Control Innate Immune Responses via Mechanistic Target of Rapamycin. Journal of Immunology, 2013, 190, 1519-1527. | 0.8 | 27 |
| 46 | Immune responses of macrophages and dendritic cells regulated by mTOR signalling. Biochemical Society Transactions, 2013, 41, 927-933. | 3.4 | 72 |
| 47 | Apoptotic cell-free DNA promotes inflammation in haemodialysis patients. Nephrology Dialysis Transplantation, 2012, 27, 902-905. | 0.7 | 83 |
| 48 | Serum Amyloid A in Uremic HDL Promotes Inflammation. Journal of the American Society of Nephrology: JASN, 2012, 23, 934-947. | 6.1 | 194 |
| 49 | PDGFR blockade is a rational and effective therapy for NPM-ALKâ€“driven lymphomas. Nature Medicine, 2012, 18, 1699-1704. | 30.7 | 113 |
| 50 | Blood volume-monitored regulation of ultrafiltration in fluid-overloaded hemodialysis patients: study protocol for a randomized controlled trial. Trials, 2012, 13, 79. | 1.6 | 15 |
| 51 | Mammalian Target of Rapamycin: A Signaling Kinase for Every Aspect of Cellular Life. Methods in Molecular Biology, 2012, 821, 1-14. | 0.9 | 107 |
| 52 | CMV Late Phase-Induced mTOR Activation Is Essential for Efficient Virus Replication in Polarized Human Macrophages. American Journal of Transplantation, 2012, 12, 1458-1468. | 4.7 | 64 |
| 53 | Inhibition of mTOR blocks the anti-inflammatory effects of glucocorticoids in myeloid immune cells. Blood, 2011, 117, 4273-4283. | 1.4 | 121 |
| 54 | Targeting the dysregulated mammalian target of rapamycin pathway in organ transplantation: killing 2 birds with 1 stone. Transplantation Reviews, 2011, 25, 145-153. | 2.9 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Rapid isolation of nuclei from living immune cells by a single centrifugation through a multifunctional lysis gradient. Journal of Immunological Methods, 2011, 373, 167-173. | 1.4 | 13 |
| 56 | Effect of the Proteasome Inhibitor Bortezomib on Humoral Immunity in Two Presensitized Renal Transplant Candidates. Transplantation, 2010, 89, 1385-1390. | 1.0 | 60 |
| 57 | Sirolimus and Kidney Transplantation: Unraveling an Inflammatory Affair. American Journal of Transplantation, 2010, 10, 2569-2570. | 4.7 | 3 |
| 58 | The anti-inflammatory potency of dexamethasone is determined by the route of application in vivo. Immunology Letters, 2010, 129, 50-52. | 2.5 | 14 |
| 59 | T Helper Cell Differentiation: Understanding the Needs of Hierarchy. Immunity, 2010, 32, 727-729. | 14.3 | 7 |
| 60 | A randomized, placebo-controlled, double-blind, prospective trial to evaluate the effect of vildagliptin in new-onset diabetes mellitus after kidney transplantation. Trials, 2010, 11, 91. | 1.6 | 16 |
| 61 | The versatility of HDL: a crucial antiâ€inflammatory regulator. European Journal of Clinical Investigation, 2010, 40, 1131-1143. | 3.4 | 77 |
| 62 | Sirolimus in renal transplant recipients with tuberous sclerosis complex: clinical effectiveness and implications for innate immunity. Transplant International, 2010, 23, 777-785. | 1.6 | 20 |
| 63 | Neutralization of Osteopontin Inhibits Obesity-Induced Inflammation and Insulin Resistance. Diabetes, 2010, 59, 935-946. | 0.6 | 170 |
| 64 | A Versatile Role of Mammalian Target of Rapamycin in Human Dendritic Cell Function and Differentiation. Journal of Immunology, 2010, 185, 3919-3931. | 0.8 | 205 |
| 65 | The Multifunctional Role of mTOR in Innate Immunity: Implications for Transplant Immunity. American Journal of Transplantation, 2009, 9, 2655-2661. | 4.7 | 187 |
| 66 | Late onset Pneumocystis pneumonia in renal transplantation after longâ€term immunosuppression with belatacept. Transplant Infectious Disease, 2009, 11, 171-174. | 1.7 | 25 |
| 67 | The multiple facets of mTOR in immunity. Trends in Immunology, 2009, 30, 218-226. | 6.8 | 241 |
| 68 | Current concepts of molecular defence mechanisms operative during urinary tract infection. European Journal of Clinical Investigation, 2008, 38, 29-38. | 3.4 | 115 |
| 69 | Biological Action of Rapamycin in Renal Transplantation. American Journal of Kidney Diseases, 2008, 51, 531. | 1.9 | 3 |
| 70 | The TSC-mTOR Signaling Pathway Regulates the Innate Inflammatory Response. Immunity, 2008, 29, 565-577. | 14.3 | 687 |
| 71 | The PI3K/Akt/mTOR pathway in innate immune cells: emerging therapeutic applications. Annals of the Rheumatic Diseases, 2008, 67, iii70-iii74. | 0.9 | 240 |
| 72 | Identification of the scavenger receptors SREC-I, Cla-1 (SR-BI), and SR-AI as cellular receptors for Tamm-Horsfall protein. Journal of Leukocyte Biology, 2008, 83, 131-138. | 3.3 | 33 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Osteopontin Expression in Human and Murine Obesity: Extensive Local Up-Regulation in Adipose Tissue but Minimal Systemic Alterations. Endocrinology, 2008, 149, 1350-1357. | 2.8 | 136 |
| 74 | Impairment of T cell interactions with antigen-presenting cells by immunosuppressive drugs reveals involvement of calcineurin and NF-Î²B in immunological synapse formation. Journal of Leukocyte Biology, 2007, 81, 319-327. | 3.3 | 20 |
| 75 | Antithymocyte Globulin Impairs T-Cell/Antigen-Presenting Cell Interaction: Disruption of Immunological Synapse and Conjugate Formation. Transplantation, 2007, 84, 117-121. | 1.0 | 28 |
| 76 | Toll-like receptors and chondrocytes: The lipopolysaccharide-induced decrease in cartilage matrix synthesis is dependent on the presence of toll-like receptor 4 and antagonized by bone morphogenetic protein 7. Arthritis and Rheumatism, 2007, 56, 1880-1893. | 6.7 | 108 |
| 77 | Prevention of high-fat diet-induced adipose tissue remodeling in obese diabetic mice by n-3 polyunsaturated fatty acids. International Journal of Obesity, 2007, 31, 1004-1013. | 3.4 | 121 |
| 78 | Uncovering host defences in the urinary tract: cathelicidin and beyond. Nephrology Dialysis Transplantation, 2006, 22, 347-349. | 0.7 | 7 |
| 79 | Tamm-Horsfall protein: a multilayered defence molecule against urinary tract infection. European Journal of Clinical Investigation, 2005, 35, 227-235. | 3.4 | 75 |
| 80 | The multiple functions of Tammâ€“Horsfall protein in human health and disease: A mystery clears up. Wiener Klinische Wochenschrift, 2005, 117, 316-322. | 1.9 | 25 |
| 81 | Tamm-Horsfall glycoprotein links innate immune cell activation with adaptive immunity via a Toll-like receptor-4â€“dependent mechanism. Journal of Clinical Investigation, 2005, 115, 468-475. | 8.2 | 193 |
| 82 | Tamm-Horsfall glycoprotein links innate immune cell activation with adaptive immunity via a Toll-like receptor-4â€“dependent mechanism. Journal of Clinical Investigation, 2005, 115, 468-475. | 8.2 | 131 |
| 83 | Functional Selection of Vaccine Candidate Peptides from Staphylococcus aureus Whole-Genome Expression Libraries In Vitro. Infection and Immunity, 2003, 71, 4633-4641. | 2.2 | 62 |
| 84 | PTX3 Inhibits Complement-Driven Macrophage Activation to Restrain Granuloma Formation in Sarcoidosis. American Journal of Respiratory and Critical Care Medicine, 0, , . | 5.6 | 5 |