# Joseph M Rutkowski

List of Publications by Year
in descending order



| 62 | 5,076 | 159585 30 | 144013 57 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 64 | 64 | 64 | 8618 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evaluation of the Cardiometabolic Disorders after Spinal Cord Injury in Mice. Biology, 2022, 11, 495. | 2.8 | 0 |
| 2 | Decreased Renal Gluconeogenesis Is a Hallmark of Chronic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2022, 33, 810-827. | 6.1 | 24 |
| 3 | A Kidney-Targeted Nanoparticle to Augment Renal Lymphatic Density Decreases Blood Pressure in Hypertensive Mice. Pharmaceutics, 2022, 14, 84. | 4.5 | 6 |
| 4 | Current Mechanistic Understandings of Lymphedema and Lipedema: Tales of Fluid, Fat, and Fibrosis. International Journal of Molecular Sciences, 2022, 23, 6621. | 4.1 | 16 |
| 5 | Differential role of nicotinamide adenine dinucleotide deficiency in acute and chronic kidney disease. Nephrology Dialysis Transplantation, 2021, 36, 60-68. | 0.7 | 35 |
| 6 | Emerging roles for lymphatics in acute kidney injury: Beneficial or maleficent?. Experimental Biology and Medicine, 2021, 246, 845-850. | 2.4 | 6 |
| 7 | Dichotomous effects on lymphatic transport with loss of caveolae in mice. Acta Physiologica, 2021, 232, e13656. | 3.8 | 4 |
| 8 | Impact of Dietary Fatty Acids on Chylous Effusion in a Mouse Model of Generalized Lymphatic Anomaly. FASEB Journal, 2021, 35, . | 0.5 | 0 |
| 9 | Fixing lymphatics improves glucose metabolism. Nature Metabolism, 2021, 3, 1139-1141. | 11.9 | 3 |
| 10 | Common Metabolites in Two Different Hypertensive Mouse Models: A Serum and Urine Metabolome Study. Biomolecules, 2021, 11, 1387. | 4.0 | 4 |
| 11 | Chronic VEGFR-3 signaling preserves dendritic arborization and sensitization under stress. Brain, Behavior, and Immunity, 2021, 98, 219-233. | 4.1 | 5 |
| 12 | Impact of High Fat Diet and Bolus Feeding on Chyle Accumulation in a Mouse Model of Generalized Lymphatic Anomaly. Lymphatic Research and Biology, 2021, , . | 1.1 | 1 |
| 13 | Expanded renal lymphatics improve recovery following kidney injury. Physiological Reports, 2021, 9, e15094. | 1.7 | 7 |
| 14 | Augmenting Renal Lymphatic Density Prevents Angiotensin II-Induced Hypertension in Male and Female Mice. American Journal of Hypertension, 2020, 33, 61-69. | 2.0 | 27 |
| 15 | Klotho regulation by albuminuria is dependent on ATF3 and endoplasmic reticulum stress. FASEB Journal, 2020, 34, 2087-2104. | 0.5 | 19 |
| 16 | Timeâ€course of sodium transport along the nephron in nephrotic syndrome: The role of potassium. FASEB Journal, 2020, 34, 2408-2424. | 0.5 | 7 |
| 17 | Characterizing Lymphangiogenesis and Concurrent Inflammation in Adipose Tissue in Response to VEGF-D. Frontiers in Physiology, 2020, 11, 363. | 2.8 | 11 |
| 18 | Kidney-specific lymphangiogenesis increases sodium excretion and lowers blood pressure in mice. Journal of Hypertension, 2020, 38, 874-885. | 0.5 | 25 |

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|---|---|---|---|
| 19 | Hypertension and reproductive dysfunction: a possible role of inflammation and inflammation-associated lymphangiogenesis in gonads. Clinical Science, 2020, 134, 3237-3257. | 4.3 | 6 |
| 20 | Immune cell trafficking, lymphatics and hypertension. British Journal of Pharmacology, 2019, 176, 1978-1988. | 5.4 | 22 |
| 21 | Vascular Endothelial Growth Factorâ€“DÂ(VEGF-D) Overexpression and Lymphatic Expansion in Murine Adipose Tissue Improves Metabolism in Obesity. American Journal of Pathology, 2019, 189, 924-939. | 3.8 | 53 |
| 22 | Reduced lymphatic function contributes to age-related disease. Aging, 2019, 11, 9969-9970. | 3.1 | 5 |
| 23 | Enhancing Renal Lymphatic Expansion Prevents Hypertension in Mice. Circulation Research, 2018, 122, 1094-1101. | 4.5 | 59 |
| 24 | An Endothelial-to-Adipocyte Extracellular Vesicle Axis Governed by Metabolic State. Cell, 2018, 175, 695-708.e13. | 28.9 | 277 |
| 25 | VEGF-C promotes the development of lymphatics in bone and bone loss. ELife, 2018, 7, . | 6.0 | 50 |
| 26 | Preadipocyte differentiation in GelMA hydrogels for mechanical testing. FASEB Journal, 2018, 32, . | 0.5 | 0 |
| 27 | Renal inflammation and injury are associated with lymphangiogenesis in hypertension. American Journal of Physiology - Renal Physiology, 2017, 312, F861-F869. | 2.7 | 35 |
| 28 | Adiponectin alters renal calcium and phosphate excretion through regulation of klotho expression. Kidney International, 2017, 91, 324-337. | 5.2 | 45 |
| 29 | Lymphangiogenesis: fuel, smoke, or extinguisher of inflammationâ€™s fire?. Experimental Biology and Medicine, 2017, 242, 884-895. | 2.4 | 55 |
| 30 | Na v 1.8 neurons are involved in limiting acute phase responses to dietary fat. Molecular Metabolism, 2017, 6, 1081-1091. | 6.5 | 16 |
| 31 | Retrograde Lymph Flow Leads to Chylothorax in Transgenic Mice with Lymphatic Malformations. American Journal of Pathology, 2017, 187, 1984-1997. | 3.8 | 22 |
| 32 | The Role of Proprotein Convertase Subtilisin/Kexin Type 9 in Nephrotic Syndrome-Associated Hypercholesterolemia. Circulation, 2016, 134, 61-72. | 1.6 | 89 |
| 33 | Adiponectin, Leptin, and Fatty Acids in the Maintenance of Metabolic Homeostasis through Adipose Tissue Crosstalk. Cell Metabolism, 2016, 23, 770-784. | 16.2 | 730 |
| 34 | Pathological Type-2 Immune Response, Enhanced Tumor Growth, and Glucose Intolerance in RetnlÎ² (RELMÎ²) Null Mice. American Journal of Pathology, 2016, 186, 2404-2416. | 3.8 | 10 |
| 35 | Hyperplasia, de novo lymphangiogenesis, and lymphatic regression in mice with tissue-specific, inducible overexpression of murine VEGF-D. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H384-H394. | 3.2 | 37 |
| 36 | The cell biology of fat expansion. Journal of Cell Biology, 2015, 208, 501-512. | 5.2 | 428 |

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|---|---|---|---|
| 37 | Proteinuria Increases Plasma Phosphate by Altering Its Tubular Handling. Journal of the American Society of Nephrology: JASN, 2015, 26, 1608-1618. | 6.1 | 53 |
| 38 | Isolation and Quantitation of Adiponectin Higher Order Complexes. Methods in Enzymology, 2014, 537, 243-259. | 1.0 | 9 |
| 39 | Differential transendothelial transport of adiponectin complexes. Cardiovascular Diabetology, 2014, 13, 47. | 6.8 | 17 |
| 40 | Elevated resistin levels induce central leptin resistance and increased atherosclerotic progression in mice. Diabetologia, 2014, 57, 1209-1218. | 6.3 | 44 |
| 41 | VEGFR-3 Neutralization Inhibits Ovarian Lymphangiogenesis, Follicle Maturation, and Murine Pregnancy. American Journal of Pathology, 2013, 183, 1596-1607. | 3.8 | 22 |
| 42 | Time course of histomorphological changes in adipose tissue upon acute lipoatrophy. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 723-731. | 2.6 | 44 |
| 43 | Adiponectin Promotes Functional Recovery after Podocyte Ablation. Journal of the American Society of Nephrology: JASN, 2013, 24, 268-282. | 6.1 | 142 |
| 44 | Normal Dendritic Cell Mobilization to Lymph Nodes under Conditions of Severe Lymphatic Hypoplasia. Journal of Immunology, 2013, 190, 4608-4620. | 0.8 | 53 |
| 45 | Neuronal and nonneuronal cholinergic structures in the mouse gastrointestinal tract and spleen. Journal of Comparative Neurology, 2013, 521, 3741-3767. | 1.6 | 115 |
| 46 | Lack of â€œimmunological fitnessâ€•during fasting in metabolically challenged animals. Journal of Lipid Research, 2012, 53, 1254-1267. | 4.2 | 37 |
| 47 | Impaired Humoral Immunity and Tolerance in K14-VEGFR-3-Ig Mice That Lack Dermal Lymphatic Drainage. Journal of Immunology, 2012, 189, 2181-2190. | 0.8 | 111 |
| 48 | Comparison of ozone-specific (OZAC) and oxygen radical (ORAC) antioxidant capacity assays for use with nasal lavage fluid. Toxicology in Vitro, 2011, 25, 1406-1413. | 2.4 | 4 |
| 49 | Receptor-mediated activation of ceramidase activity initiates the pleiotropic actions of adiponectin. Nature Medicine, 2011, 17, 55-63. | 30.7 | 751 |
| 50 | Targeted Deletion of Adipocytes by Apoptosis Leads to Adipose Tissue Recruitment of Alternatively Activated M2 Macrophages. Endocrinology, 2011, 152, 3074-3081. | 2.8 | 114 |
| 51 | Transmural Flow Modulates Cell and Fluid Transport Functions of Lymphatic Endothelium. Circulation Research, 2010, 106, 920-931. | 4.5 | 207 |
| 52 | Dermal Collagen and Lipid Deposition Correlate with Tissue Swelling and Hydraulic Conductivity in Murine Primary Lymphedema. American Journal of Pathology, 2010, 176, 1122-1129. | 3.8 | 85 |
| 53 | Mechanisms of obesity and related pathologies: The macroâ€•and microcirculation of adipose tissue. FEBS Journal, 2009, 276, 5738-5746. | 4.7 | 194 |
| 54 | Hypercholesterolemic Mice Exhibit Lymphatic Vessel Dysfunction and Degeneration. American Journal of Pathology, 2009, 175, 1328-1337. | 3.8 | 136 |

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|---|---|---|---|
| 55 | ACTIVE REGULATION OF LIPID TRANSPORT AND METABOLISM BY LYMPHATICS: COMPLIMENTARY IN VIVO AND IN VITRO STUDIES. FASEB Journal, 2009, 23, 813.2. | 0.5 | 0 |
| 56 | Cooperative and redundant roles of VEGFRâ€2 and VEGFRâ€3 signaling in adult lymphangiogenesis. FASEB Journal, 2007, 21, 1003-1012. | 0.5 | 126 |
| 57 | Regulation of lymphatic capillary regeneration by interstitial flow in skin. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H2176-H2183. | 3.2 | 80 |
| 58 | A driving force for change: interstitial flow as a morphoregulator. Trends in Cell Biology, 2007, 17, 44-50. | 7.9 | 248 |
| 59 | Active response of the lymphatic endothelium to acute inflammation vs. chronic lymphedema: in vivo and in vitro studies. FASEB Journal, 2007, 21, A848. | 0.5 | 0 |
| 60 | Secondary lymphedema in the mouse tail: Lymphatic hyperplasia, VEGF-C upregulation, and the protective role of MMP-9. Microvascular Research, 2006, 72, 161-171. | 2.5 | 207 |
| 61 | Characterization of lymphangiogenesis in a model of adult skin regeneration. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1402-H1410. | 3.2 | 135 |
| 62 | Development of an Assay for Ozone-Specific Antioxidant Capacity. Inhalation Toxicology, 2003, 15, 1369-1385. | 1.6 | 2 |