# Jochen Reiser

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2614958/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 82 papers | 11,660 citations | 66343 42 h-index | 60623 81 g-index |
| 161 all docs | 161 docs citations | 161 times ranked | 12353 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Conditionally Immortalized Human Podocyte Cell Line Demonstrating Nephrin and Podocin Expression. Journal of the American Society of Nephrology: JASN, 2002, 13, 630-638. | 6.1 | 932 |
| 2 | The actin cytoskeleton of kidney podocytes is a direct target of the antiproteinuric effect of cyclosporine A. Nature Medicine, 2008, 14, 931-938. | 30.7 | 837 |
| 3 | Rearrangements of the Cytoskeleton and Cell Contacts Induce Process Formation during Differentiation of Conditionally Immortalized Mouse Podocyte Cell Lines. Experimental Cell Research, 1997, 236, 248-258. | 2.6 | 810 |
| 4 | Circulating urokinase receptor as a cause of focal segmental glomerulosclerosis. Nature Medicine, 2011, 17, 952-960. | 30.7 | 750 |
| 5 | Factors Associated With Death in Critically Ill Patients With Coronavirus Disease 2019 in the US. JAMA Internal Medicine, 2020, 180, 1436. | 5.1 | 711 |
| 6 | Synaptopodin: An Actin-associated Protein in Telencephalic Dendrites and Renal Podocytes. Journal of Cell Biology, 1997, 139, 193-204. | 5.2 | 526 |
| 7 | Modification of kidney barrier function by the urokinase receptor. Nature Medicine, 2008, 14, 55-63. | 30.7 | 501 |
| 8 | Induction of B7-1 in podocytes is associated with nephrotic syndrome. Journal of Clinical Investigation, 2004, 113, 1390-1397. | 8.2 | 495 |
| 9 | Podocin, a raft-associated component of the glomerular slit diaphragm, interacts with CD2AP and nephrin. Journal of Clinical Investigation, 2001, 108, 1621-1629. | 8.2 | 491 |
| 10 | Specialized roles for cysteine cathepsins in health and disease. Journal of Clinical Investigation, 2010, 120, 3421-3431. | 8.2 | 478 |
| 11 | Association Between Early Treatment With Tocilizumab and Mortality Among Critically Ill Patients With COVID-19. JAMA Internal Medicine, 2021, 181, 41. | 5.1 | 385 |
| 12 | The Glomerular Slit Diaphragm Is a Modified Adherens Junction. Journal of the American Society of Nephrology: JASN, 2000, 11, 1-8. | 6.1 | 384 |
| 13 | Soluble Urokinase Receptor and Chronic Kidney Disease. New England Journal of Medicine, 2015, 373, 1916-1925. | 27.0 | 338 |
| 14 | Podocytes Respond to Mechanical Stress In Vitro. Journal of the American Society of Nephrology: JASN, 2001, 12, 413-422. | 6.1 | 252 |
| 15 | Synaptopodin regulates the actin-bundling activity of Î±-actinin in an isoform-specific manner. Journal of Clinical Investigation, 2005, 115, 1188-1198. | 8.2 | 249 |
| 16 | Proteinuria: an enzymatic disease of the podocyte?. Kidney International, 2010, 77, 571-580. | 5.2 | 232 |
| 17 | Circulating suPAR in Two Cohorts of Primary FSGS. Journal of the American Society of Nephrology: JASN, 2012, 23, 2051-2059. | 6.1 | 202 |
| 18 | Synaptopodin regulates the actin-bundling activity of Î±-actinin in an isoform-specific manner. Journal of Clinical Investigation, 2005, 115, 1188-1198. | 8.2 | 184 |

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|---|---|---|---|
| 19 | A tripartite complex of suPAR, APOL1 risk variants and Î±vÎ²3 integrin on podocytes mediates chronic kidney disease. Nature Medicine, 2017, 23, 945-953. | 30.7 | 176 |
| 20 | A circulating antibody panel for pretransplant prediction of FSGS recurrence after kidney transplantation. Science Translational Medicine, 2014, 6, 256ra136. | 12.4 | 172 |
| 21 | Podocyte Biology and Pathogenesis of Kidney Disease. Annual Review of Medicine, 2013, 64, 357-366. | 12.2 | 170 |
| 22 | Podocyte Migration during Nephrotic Syndrome Requires a Coordinated Interplay between Cathepsin L and Î±3 Integrin. Journal of Biological Chemistry, 2004, 279, 34827-34832. | 3.4 | 155 |
| 23 | Involvement of Lipid Rafts in Nephrin Phosphorylation and Organization of the Glomerular Slit Diaphragm. American Journal of Pathology, 2001, 159, 1069-1077. | 3.8 | 142 |
| 24 | Podocytes. F1000Research, 2016, 5, 114. | 1.6 | 133 |
| 25 | Defective podocyte insulin signalling through p85-XBP1 promotes ATF6-dependent maladaptive ER-stress response in diabetic nephropathy. Nature Communications, 2015, 6, 6496. | 12.8 | 130 |
| 26 | CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. Journal of Clinical Investigation, 2011, 121, 3965-3980. | 8.2 | 124 |
| 27 | Bone marrow-derived immature myeloid cells are a main source of circulating suPAR contributing to proteinuric kidney disease. Nature Medicine, 2017, 23, 100-106. | 30.7 | 121 |
| 28 | Sphingomyelinase-Like Phosphodiesterase 3b Expression Levels Determine Podocyte Injury Phenotypes in Glomerular Disease. Journal of the American Society of Nephrology: JASN, 2015, 26, 133-147. | 6.1 | 119 |
| 29 | Role of Podocyte B7-1 in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2014, 25, 1415-1429. | 6.1 | 114 |
| 30 | Prkdc participates in mitochondrial genome maintenance and prevents Adriamycin-induced nephropathy in mice. Journal of Clinical Investigation, 2010, 120, 4055-4064. | 8.2 | 92 |
| 31 | Human Immunodeficiency Virus-1 Induces Loss of Contact Inhibition in Podocytes. Journal of the American Society of Nephrology: JASN, 2001, 12, 1677-1684. | 6.1 | 78 |
| 32 | Danger Signaling by Glomerular Podocytes Defines a Novel Function of Inducible B7-1 in the Pathogenesis of Nephrotic Syndrome. Journal of the American Society of Nephrology: JASN, 2004, 15, 2246-2248. | 6.1 | 71 |
| 33 | Pathogenic Old World Hantaviruses Infect Renal Glomerular and Tubular Cells and Induce Disassembling of Cell-to-Cell Contacts. Journal of Virology, 2011, 85, 9811-9823. | 3.4 | 68 |
| 34 | Podocyte Effacement Closely Links to suPAR Levels at Time of Posttransplantation Focal Segmental Glomerulosclerosis Occurrence and Improves With Therapy. Transplantation, 2013, 96, 649-656. | 1.0 | 58 |
| 35 | A Podocyte-Based Automated Screening Assay Identifies Protective Small Molecules. Journal of the American Society of Nephrology: JASN, 2015, 26, 2741-2752. | 6.1 | 53 |
| 36 | Rituximab and Therapeutic Plasma Exchange in Recurrent Focal Segmental Glomerulosclerosis Postkidney Transplantation. Transplantation, 2018, 102, e115-e120. | 1.0 | 50 |

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|---|---|---|---|
| 37 | Transient Receptor Potential Channel 6 (TRPC6) Protects Podocytes during Complement-mediated Glomerular Disease. Journal of Biological Chemistry, 2013, 288, 36598-36609. | 3.4 | 49 |
| 38 | uPAR isoform 2 forms a dimer and induces severe kidney disease in mice. Journal of Clinical Investigation, 2019, 129, 1946-1959. | 8.2 | 48 |
| 39 | Synaptopodin Limits TRPC6 Podocyte Surface Expression and Attenuates Proteinuria. Journal of the American Society of Nephrology: JASN, 2016, 27, 3308-3319. | 6.1 | 47 |
| 40 | Nonuniform Microtubular Polarity Established by CHO1/MKLP1 Motor Protein Is Necessary for Process Formation of Podocytes. Journal of Cell Biology, 1998, 143, 1961-1970. | 5.2 | 45 |
| 41 | Podocyte injury-driven intracapillary plasminogen activator inhibitor type 1 accelerates podocyte loss via uPAR-mediated Î²1-integrin endocytosis. American Journal of Physiology - Renal Physiology, 2015, 308, F614-F626. | 2.7 | 45 |
| 42 | Process formation of podocytes: morphogenetic activity of microtubules and regulation by protein serine/threonine phosphatase PP2A. Histochemistry and Cell Biology, 2001, 115, 255-266. | 1.7 | 43 |
| 43 | Toward the development of podocyte-specific drugs. Kidney International, 2010, 77, 662-668. | 5.2 | 42 |
| 44 | Apoptosis and Compensatory Proliferation Signaling Are Coupled by CrkI-Containing Microvesicles. Developmental Cell, 2017, 41, 674-684.e5. | 7.0 | 42 |
| 45 | Recurrent Primary Focal Segmental Glomerulosclerosis Managed With Intensified Plasma Exchange and Concomitant Monitoring of Soluble Urokinase-Type Plasminogen Activator Receptorâ€“Mediated Podocyte Î²3-integrin Activation. Transplantation, 2015, 99, 2593-2597. | 1.0 | 38 |
| 46 | suPAR and chronic kidney diseaseâ€”a podocyte story. Pflugers Archiv European Journal of Physiology, 2017, 469, 1017-1020. | 2.8 | 36 |
| 47 | Soluble urokinase receptor and focal segmental glomerulosclerosis. Current Opinion in Nephrology and Hypertension, 2012, 21, 428-432. | 2.0 | 35 |
| 48 | Phase I trial of donor-derived modified immune cell infusion in kidney transplantation. Journal of Clinical Investigation, 2020, 130, 2364-2376. | 8.2 | 29 |
| 49 | Signal integration at the PI3K-p85-XBP1 hub endows coagulation protease activated protein C with insulin-like function. Blood, 2017, 130, 1445-1455. | 1.4 | 28 |
| 50 | Soluble Urokinase Receptor and the Kidney Response in Diabetes Mellitus. Journal of Diabetes Research, 2017, 2017, 1-9. | 2.3 | 28 |
| 51 | Management of Severe Recurrent Focal Segmental Glomerulosclerosis Through Circulating Soluble Urokinase Receptor Modification. American Journal of Therapeutics, 2013, 20, 226-229. | 0.9 | 26 |
| 52 | IL-10 Dysregulation Underlies Chemokine Insufficiency, Delayed Macrophage Response, and Impaired Healing in Diabetic Wounds. Journal of Investigative Dermatology, 2022, 142, 692-704.e14. | 0.7 | 22 |
| 53 | Unwinding focal segmental glomerulosclerosis. F1000Research, 2017, 6, 466. | 1.6 | 21 |
| 54 | ACTH Gel in Resistant Focal Segmental Glomerulosclerosis After Kidney Transplantation. Transplantation, 2019, 103, 202-209. | 1.0 | 21 |

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|---|---|---|---|
| 55 | Cell Cycle Biomarkers and Soluble Urokinase-Type Plasminogen Activator Receptor for the Prediction of Sepsis-Induced Acute Kidney Injury Requiring Renal Replacement Therapy: A Prospective, Exploratory Study. Critical Care Medicine, 2019, 47, e999-e1007. | 0.9 | 20 |
| 56 | Nonimmune cellâ€“derived ICOS ligand functions as a renoprotective Î±vÎ²3 integrinâ€“selective antagonist. Journal of Clinical Investigation, 2019, 129, 1713-1726. | 8.2 | 19 |
| 57 | Predicting Mortality in African Americans With Type 2 Diabetes Mellitus: Soluble Urokinase Plasminogen Activator Receptor, Coronary Artery Calcium, and Highâ€Sensitivity Câ€Reactive Protein. Journal of the American Heart Association, 2018, 7, . | 3.7 | 18 |
| 58 | CrkII/Abl phosphorylation cascade is critical for NLRC4 inflammasome activity and is blocked by Pseudomonas aeruginosa ExoT. Nature Communications, 2022, 13, 1295. | 12.8 | 16 |
| 59 | Virus- and cell type-specific effects in orthohantavirus infection. Virus Research, 2019, 260, 102-113. | 2.2 | 14 |
| 60 | Akt2 relaxes podocytes in chronic kidney disease. Nature Medicine, 2013, 19, 1212-1213. | 30.7 | 13 |
| 61 | Glomerular filtration barrier dysfunction in a self-limiting, RNA virus-induced glomerulopathy resembles findings in idiopathic nephrotic syndromes. Scientific Reports, 2020, 10, 19117. | 3.3 | 13 |
| 62 | High-content screening assay-based discovery of paullones as novel podocyte-protective agents. American Journal of Physiology - Renal Physiology, 2018, 314, F280-F292. | 2.7 | 12 |
| 63 | Soluble urokinase-type plasminogen activator receptor and incident end-stage renal disease in Chinese patients with chronic kidney disease. Nephrology Dialysis Transplantation, 2020, 35, 465-470. | 0.7 | 12 |
| 64 | Podocytes exhibit a specialized protein quality control employing derlin-2 in kidney disease. American Journal of Physiology - Renal Physiology, 2018, 314, F471-F482. | 2.7 | 11 |
| 65 | Is the LPS-mediated proteinuria mouse model relevant to human kidney disease?. Nature Medicine, 2009, 15, 133-134. | 30.7 | 9 |
| 66 | Rituximab: A Boot to Protect the Foot. Journal of the American Society of Nephrology: JASN, 2014, 25, 647-648. | 6.1 | 8 |
| 67 | Soluble urokinase plasminogen activation receptor and long-term outcomes in persons undergoing coronary angiography. Scientific Reports, 2019, 9, 475. | 3.3 | 8 |
| 68 | Bridges to cross, burn, and mend: cells of renin lineage as podocyte progenitors. American Journal of Physiology - Renal Physiology, 2015, 309, F499-F500. | 2.7 | 6 |
| 69 | New Insights into Diabetic Kidney Disease: The Potential Pathogenesis and Therapeutic Targets. Journal of Diabetes Research, 2017, 2017, 1-2. | 2.3 | 5 |
| 70 | Renal Dysfunction and Recovery following Initial Treatment of Newly Diagnosed Multiple Myeloma. International Journal of Nephrology, 2018, 2018, 1-6. | 1.3 | 5 |
| 71 | Renal cell markers: lighthouses for managing renal diseases. American Journal of Physiology - Renal Physiology, 2021, 321, F715-F739. | 2.7 | 5 |
| 72 | A High-Content Screening Technology for Quantitatively Studying Podocyte Dynamics. Advances in Chronic Kidney Disease, 2017, 24, 183-188. | 1.4 | 4 |

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|---|---|---|---|
| 73 | Stop that podocyte!. American Journal of Physiology - Renal Physiology, 2017, 312, F373-F374. | 2.7 | 4 |
| 74 | suPAR, a Circulating Kidney Disease Factor. Frontiers in Medicine, 2021, 8, 745838. | 2.6 | 4 |
| 75 | Characterization of a Trpc6 Transgenic Mouse Associated with Early Onset FSGS. British Journal of Medicine and Medical Research, 2015, 5, 1198-1212. | 0.2 | 4 |
| 76 | From Infancy to Fancy: A Glimpse into the Evolutionary Journey of Podocytes in Culture. Kidney360, 2021, 2, 385-397. | 2.1 | 4 |
| 77 | Therapeutic evaluation of immunomodulators in reducing surgical wound infection. FASEB Journal, 2022, 36, e22090. | 0.5 | 4 |
| 78 | The Grand Challenge of Nephrology. Frontiers in Medicine, 2014, 1, 28. | 2.6 | 3 |
| 79 | Extrarenal determinants of kidney filter function. Cell and Tissue Research, 2017, 369, 211-216. | 2.9 | 3 |
| 80 | Soluble Urokinase Receptor and Mortality in Kidney Transplant Recipients. Transplant International, 2021, 35, 10071. | 1.6 | 2 |
| 81 | Deiodinase-3 is a thyrostat to regulate podocyte homeostasis. EBioMedicine, 2021, 72, 103617. | 6.1 | 1 |
| 82 | SARS-CoV-2 pirates the kidneys: A scar(y) story. Cell Metabolism, 2022, 34, 352-354. | 16.2 | 1 |