

Jochen Reiser

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.

78
papers

9,363
citations

36
h-index

96
g-index

161
ext. papers

10,621
ext. citations

12.3
avg, IF

5.6
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 78 | SARS-CoV-2 pirates the kidneys: A scar(y) story.. <i>Cell Metabolism</i> , 2022 , 34, 352-354 | 24.6 | |
| 77 | CrkII/Abl phosphorylation cascade is critical for NLRC4 inflammasome activity and is blocked by <i>Pseudomonas aeruginosa</i> ExoT.. <i>Nature Communications</i> , 2022 , 13, 1295 | 17.4 | 0 |
| 76 | Therapeutic evaluation of immunomodulators in reducing surgical wound infection.. <i>FASEB Journal</i> , 2022 , 36, e22090 | 0.9 | 1 |
| 75 | Soluble Urokinase Receptor and Mortality in Kidney Transplant Recipients.. <i>Transplant International</i> , 2021 , 35, 10071 | 3 | 0 |
| 74 | Renal cell markers: lighthouses for managing renal diseases. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 321, F715-F739 | 4.3 | 1 |
| 73 | suPAR, a Circulating Kidney Disease Factor. <i>Frontiers in Medicine</i> , 2021 , 8, 745838 | 4.9 | 0 |
| 72 | Deiodinase-3 is a thyrostat to regulate podocyte homeostasis. <i>EBioMedicine</i> , 2021 , 72, 103617 | 8.8 | |
| 71 | From Infancy to Fancy: A Glimpse into the Evolutionary Journey of Podocytes in Culture.. <i>Kidney360</i> , 2021 , 2, 385-397 | 1.8 | 2 |
| 70 | Association Between Early Treatment With Tocilizumab and Mortality Among Critically Ill Patients With COVID-19. <i>JAMA Internal Medicine</i> , 2021 , 181, 41-51 | 11.5 | 213 |
| 69 | IL-10 Dysregulation Underlies Chemokine Insufficiency, Delayed Macrophage Response, and Impaired Healing in Diabetic Wound. <i>Journal of Investigative Dermatology</i> , 2021 , | 4.3 | 4 |
| 68 | Phase I trial of donor-derived modified immune cell infusion in kidney transplantation. <i>Journal of Clinical Investigation</i> , 2020 , 130, 2364-2376 | 15.9 | 18 |
| 67 | Factors Associated With Death in Critically Ill Patients With Coronavirus Disease 2019 in the US. <i>JAMA Internal Medicine</i> , 2020 , 180, 1436-1447 | 11.5 | 426 |
| 66 | Glomerular filtration barrier dysfunction in a self-limiting, RNA virus-induced glomerulopathy resembles findings in idiopathic nephrotic syndromes. <i>Scientific Reports</i> , 2020 , 10, 19117 | 4.9 | 4 |
| 65 | Soluble urokinase-type plasminogen activator receptor and incident end-stage renal disease in Chinese patients with chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2020 , 35, 465-470 | 4.3 | 8 |
| 64 | Soluble urokinase plasminogen activation receptor and long-term outcomes in persons undergoing coronary angiography. <i>Scientific Reports</i> , 2019 , 9, 475 | 4.9 | 4 |
| 63 | ACTH Gel in Resistant Focal Segmental Glomerulosclerosis After Kidney Transplantation. <i>Transplantation</i> , 2019 , 103, 202-209 | 1.8 | 16 |
| 62 | Nonimmune cell-derived ICOS ligand functions as a renoprotective $\alpha\beta$ integrin-selective antagonist. <i>Journal of Clinical Investigation</i> , 2019 , 129, 1713-1726 | 15.9 | 11 |

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| 61 | uPAR isoform 2 forms a dimer and induces severe kidney disease in mice. <i>Journal of Clinical Investigation</i> , 2019 , 129, 1946-1959 | 15.9 | 29 |
| 60 | 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. <i>Critical Care Medicine</i> , 2019 , 47, e999-e1007 | 1.4 | 5 |
| 59 | Virus- and cell type-specific effects in orthohantavirus infection. <i>Virus Research</i> , 2019 , 260, 102-113 | 6.4 | 5 |
| 58 | Predicting Mortality in African Americans With Type 2 Diabetes Mellitus: Soluble Urokinase Plasminogen Activator Receptor, Coronary Artery Calcium, and High-Sensitivity C-Reactive Protein. <i>Journal of the American Heart Association</i> , 2018 , 7, | 6 | 11 |
| 57 | High-content screening assay-based discovery of paullones as novel podocyte-protective agents. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 314, F280-F292 | 4.3 | 7 |
| 56 | Podocytes exhibit a specialized protein quality control employing derlin-2 in kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 314, F471-F482 | 4.3 | 4 |
| 55 | Rituximab and Therapeutic Plasma Exchange in Recurrent Focal Segmental Glomerulosclerosis Postkidney Transplantation. <i>Transplantation</i> , 2018 , 102, e115-e120 | 1.8 | 34 |
| 54 | Renal Dysfunction and Recovery following Initial Treatment of Newly Diagnosed Multiple Myeloma. <i>International Journal of Nephrology</i> , 2018 , 2018, 4654717 | 1.7 | 4 |
| 53 | A High-Content Screening Technology for Quantitatively Studying Podocyte Dynamics. <i>Advances in Chronic Kidney Disease</i> , 2017 , 24, 183-188 | 4.7 | 4 |
| 52 | Apoptosis and Compensatory Proliferation Signaling Are Coupled by Crkl-Containing Microvesicles. <i>Developmental Cell</i> , 2017 , 41, 674-684.e5 | 10.2 | 27 |
| 51 | Bone marrow-derived immature myeloid cells are a main source of circulating suPAR contributing to proteinuric kidney disease. <i>Nature Medicine</i> , 2017 , 23, 100-106 | 50.5 | 89 |
| 50 | Soluble Urokinase Receptor and the Kidney Response in Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2017 , 2017, 3232848 | 3.9 | 23 |
| 49 | Unwinding focal segmental glomerulosclerosis. <i>F1000Research</i> , 2017 , 6, 466 | 3.6 | 19 |
| 48 | A tripartite complex of suPAR, APOL1 risk variants and α 5 β 1 Integrin on podocytes mediates chronic kidney disease. <i>Nature Medicine</i> , 2017 , 23, 945-953 | 50.5 | 121 |
| 47 | Signal integration at the PI3K-p85-XBP1 hub endows coagulation protease activated protein C with insulin-like function. <i>Blood</i> , 2017 , 130, 1445-1455 | 2.2 | 20 |
| 46 | suPAR and chronic kidney disease-a podocyte story. <i>Pflugers Archiv European Journal of Physiology</i> , 2017 , 469, 1017-1020 | 4.6 | 24 |
| 45 | Extrarenal determinants of kidney filter function. <i>Cell and Tissue Research</i> , 2017 , 369, 211-216 | 4.2 | 2 |
| 44 | Podocytes. <i>F1000Research</i> , 2016 , 5, | 3.6 | 100 |

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| 43 | Synaptopodin Limits TRPC6 Podocyte Surface Expression and Attenuates Proteinuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 3308-3319 | 12.7 | 30 |
| 42 | A Podocyte-Based Automated Screening Assay Identifies Protective Small Molecules. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 2741-52 | 12.7 | 44 |
| 41 | Defective podocyte insulin signalling through p85-XBP1 promotes ATF6-dependent maladaptive ER-stress response in diabetic nephropathy. <i>Nature Communications</i> , 2015 , 6, 6496 | 17.4 | 98 |
| 40 | Soluble Urokinase Receptor and Chronic Kidney Disease. <i>New England Journal of Medicine</i> , 2015 , 373, 1916-25 | 59.2 | 248 |
| 39 | Sphingomyelinase-like phosphodiesterase 3b expression levels determine podocyte injury phenotypes in glomerular disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 133-47 ^{12.7} | 12.7 | 97 |
| 38 | Recurrent Primary Focal Segmental Glomerulosclerosis Managed With Intensified Plasma Exchange and Concomitant Monitoring of Soluble Urokinase-Type Plasminogen Activator Receptor-Mediated Podocyte B-integrin Activation. <i>Transplantation</i> , 2015 , 99, 2593-7 | 1.8 | 28 |
| 37 | Podocyte injury-driven intracapillary plasminogen activator inhibitor type 1 accelerates podocyte loss via uPAR-mediated β -integrin endocytosis. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F614-26 | 4.3 | 33 |
| 36 | Characterization of a Trpc6 Transgenic Mouse Associated with Early Onset FSGS. <i>British Journal of Medicine and Medical Research</i> , 2015 , 5, 1198-2012 | | 0 |
| 35 | The grand challenge of nephrology. <i>Frontiers in Medicine</i> , 2014 , 1, 28 | 4.9 | 3 |
| 34 | Role of podocyte B7-1 in diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 1415-29 | 12.7 | 92 |
| 33 | A circulating antibody panel for pretransplant prediction of FSGS recurrence after kidney transplantation. <i>Science Translational Medicine</i> , 2014 , 6, 256ra136 | 17.5 | 138 |
| 32 | Transient receptor potential channel 6 (TRPC6) protects podocytes during complement-mediated glomerular disease. <i>Journal of Biological Chemistry</i> , 2013 , 288, 36598-609 | 5.4 | 33 |
| 31 | Podocyte biology and pathogenesis of kidney disease. <i>Annual Review of Medicine</i> , 2013 , 64, 357-66 | 17.4 | 141 |
| 30 | Management of severe recurrent focal segmental glomerulosclerosis through circulating soluble urokinase receptor modification. <i>American Journal of Therapeutics</i> , 2013 , 20, 226-9 | 1 | 25 |
| 29 | Podocyte effacement closely links to suPAR levels at time of posttransplantation focal segmental glomerulosclerosis occurrence and improves with therapy. <i>Transplantation</i> , 2013 , 96, 649-56 | 1.8 | 48 |
| 28 | Circulating suPAR in two cohorts of primary FSGS. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 2051-9 | 12.7 | 171 |
| 27 | Soluble urokinase receptor and focal segmental glomerulosclerosis. <i>Current Opinion in Nephrology and Hypertension</i> , 2012 , 21, 428-32 | 3.5 | 26 |
| 26 | Circulating urokinase receptor as a cause of focal segmental glomerulosclerosis. <i>Nature Medicine</i> , 2011 , 17, 952-60 | 50.5 | 619 |

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|----|---|------|-----|
| 25 | Pathogenic old world hantaviruses infect renal glomerular and tubular cells and induce disassembling of cell-to-cell contacts. <i>Journal of Virology</i> , 2011 , 85, 9811-23 | 6.6 | 56 |
| 24 | CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. <i>Journal of Clinical Investigation</i> , 2011 , 121, 3965-80 | 15.9 | 106 |
| 23 | Toward the development of podocyte-specific drugs. <i>Kidney International</i> , 2010 , 77, 662-8 | 9.9 | 36 |
| 22 | Proteinuria: an enzymatic disease of the podocyte?. <i>Kidney International</i> , 2010 , 77, 571-80 | 9.9 | 203 |
| 21 | Specialized roles for cysteine cathepsins in health and disease. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3421-31 | 15.9 | 410 |
| 20 | Prkdc participates in mitochondrial genome maintenance and prevents Adriamycin-induced nephropathy in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 4055-64 | 15.9 | 76 |
| 19 | Is the LPS-mediated proteinuria mouse model relevant to human kidney disease?. <i>Nature Medicine</i> , 2009 , 15, 133-134 | 50.5 | 8 |
| 18 | The actin cytoskeleton of kidney podocytes is a direct target of the antiproteinuric effect of cyclosporine A. <i>Nature Medicine</i> , 2008 , 14, 931-8 | 50.5 | 708 |
| 17 | Modification of kidney barrier function by the urokinase receptor. <i>Nature Medicine</i> , 2008 , 14, 55-63 | 50.5 | 410 |
| 16 | Synaptopodin regulates the actin-bundling activity of beta-actinin in an isoform-specific manner. <i>Journal of Clinical Investigation</i> , 2005 , 115, 1188-1198 | 15.9 | 216 |
| 15 | Synaptopodin regulates the actin-bundling activity of alpha-actinin in an isoform-specific manner. <i>Journal of Clinical Investigation</i> , 2005 , 115, 1188-98 | 15.9 | 143 |
| 14 | Danger signaling by glomerular podocytes defines a novel function of inducible B7-1 in the pathogenesis of nephrotic syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , 2004 , 15, 2246-58 | 12.7 | 60 |
| 13 | Podocyte migration during nephrotic syndrome requires a coordinated interplay between cathepsin L and alpha3 integrin. <i>Journal of Biological Chemistry</i> , 2004 , 279, 34827-32 | 5.4 | 138 |
| 12 | Induction of B7-1 in podocytes is associated with nephrotic syndrome. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1390-7 | 15.9 | 408 |
| 11 | A conditionally immortalized human podocyte cell line demonstrating nephrin and podocin expression. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 630-638 | 12.7 | 772 |
| 10 | Process formation of podocytes: morphogenetic activity of microtubules and regulation by protein serine/threonine phosphatase PP2A. <i>Histochemistry and Cell Biology</i> , 2001 , 115, 255-66 | 2.4 | 34 |
| 9 | Involvement of lipid rafts in nephrin phosphorylation and organization of the glomerular slit diaphragm. <i>American Journal of Pathology</i> , 2001 , 159, 1069-77 | 5.8 | 125 |
| 8 | Podocin, a raft-associated component of the glomerular slit diaphragm, interacts with CD2AP and nephrin. <i>Journal of Clinical Investigation</i> , 2001 , 108, 1621-1629 | 15.9 | 438 |

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|---|---|------|-----|
| 7 | Podocytes respond to mechanical stress in vitro. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 413-422 | 12.7 | 211 |
| 6 | Human immunodeficiency virus-1 induces loss of contact inhibition in podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 1677-1684 | 12.7 | 71 |
| 5 | The glomerular slit diaphragm is a modified adherens junction. <i>Journal of the American Society of Nephrology: JASN</i> , 2000 , 11, 1-8 | 12.7 | 339 |
| 4 | Nonuniform microtubular polarity established by CHO1/MKLP1 motor protein is necessary for process formation of podocytes. <i>Journal of Cell Biology</i> , 1998 , 143, 1961-70 | 7.3 | 42 |
| 3 | Synaptopodin: an actin-associated protein in telencephalic dendrites and renal podocytes. <i>Journal of Cell Biology</i> , 1997 , 139, 193-204 | 7.3 | 468 |
| 2 | Rearrangements of the cytoskeleton and cell contacts induce process formation during differentiation of conditionally immortalized mouse podocyte cell lines. <i>Experimental Cell Research</i> , 1997 , 236, 248-58 | 4.2 | 744 |
| 1 | Redefining colorectal cancer classification and clinical stratification through a single-cell atlas | | 1 |