

Jochen Reiser

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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	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
77	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
76	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
75	Circulating urokinase receptor as a cause of focal segmental glomerulosclerosis. <i>Nature Medicine</i> , 2011 , 17, 952-60	50.5	619
74	Synaptopodin: an actin-associated protein in telencephalic dendrites and renal podocytes. <i>Journal of Cell Biology</i> , 1997 , 139, 193-204	7.3	468
73	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
72	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
71	Modification of kidney barrier function by the urokinase receptor. <i>Nature Medicine</i> , 2008 , 14, 55-63	50.5	410
70	Specialized roles for cysteine cathepsins in health and disease. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3421-31	15.9	410
69	Induction of B7-1 in podocytes is associated with nephrotic syndrome. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1390-7	15.9	408
68	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
67	Soluble Urokinase Receptor and Chronic Kidney Disease. <i>New England Journal of Medicine</i> , 2015 , 373, 1916-25	59.2	248
66	Synaptopodin regulates the actin-bundling activity of F-actinin in an isoform-specific manner. <i>Journal of Clinical Investigation</i> , 2005 , 115, 1188-1198	15.9	216
65	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
64	Podocytes respond to mechanical stress in vitro. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 413-422	12.7	211
63	Proteinuria: an enzymatic disease of the podocyte?. <i>Kidney International</i> , 2010 , 77, 571-80	9.9	203
62	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

61	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
60	Podocyte biology and pathogenesis of kidney disease. <i>Annual Review of Medicine</i> , 2013 , 64, 357-66	17.4	141
59	A circulating antibody panel for pretransplant prediction of FSGS recurrence after kidney transplantation. <i>Science Translational Medicine</i> , 2014 , 6, 256ra136	17.5	138
58	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
57	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
56	A tripartite complex of suPAR, APOL1 risk variants and Integrin on podocytes mediates chronic kidney disease. <i>Nature Medicine</i> , 2017 , 23, 945-953	50.5	121
55	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
54	Podocytes. <i>F1000Research</i> , 2016 , 5,	3.6	100
53	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
52	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
51	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
50	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
49	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
48	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
47	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}	12.7	60
46	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
45	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
44	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

43	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
42	Toward the development of podocyte-specific drugs. <i>Kidney International</i> , 2010 , 77, 662-8	9.9	36
41	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
40	Rituximab and Therapeutic Plasma Exchange in Recurrent Focal Segmental Glomerulosclerosis Postkidney Transplantation. <i>Transplantation</i> , 2018 , 102, e115-e120	1.8	34
39	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
38	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
37	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
36	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
35	Recurrent Primary Focal Segmental Glomerulosclerosis Managed With Intensified Plasma Exchange and Concomitant Monitoring of Soluble Urokinase-Type Plasminogen Activator Receptor-Mediated Podocyte β -integrin Activation. <i>Transplantation</i> , 2015 , 99, 2593-7	1.8	28
34	Apoptosis and Compensatory Proliferation Signaling Are Coupled by Crkl-Containing Microvesicles. <i>Developmental Cell</i> , 2017 , 41, 674-684.e5	10.2	27
33	Soluble urokinase receptor and focal segmental glomerulosclerosis. <i>Current Opinion in Nephrology and Hypertension</i> , 2012 , 21, 428-32	3.5	26
32	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
31	suPAR and chronic kidney disease-a podocyte story. <i>Pflugers Archiv European Journal of Physiology</i> , 2017 , 469, 1017-1020	4.6	24
30	Soluble Urokinase Receptor and the Kidney Response in Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2017 , 2017, 3232848	3.9	23
29	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
28	Unwinding focal segmental glomerulosclerosis. <i>F1000Research</i> , 2017 , 6, 466	3.6	19
27	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
26	ACTH Gel in Resistant Focal Segmental Glomerulosclerosis After Kidney Transplantation. <i>Transplantation</i> , 2019 , 103, 202-209	1.8	16

25	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
24	Nonimmune cell-derived ICOS ligand functions as a renoprotective α B integrin-selective antagonist. <i>Journal of Clinical Investigation</i> , 2019 , 129, 1713-1726	15.9	11
23	Is the LPS-mediated proteinuria mouse model relevant to human kidney disease?. <i>Nature Medicine</i> , 2009 , 15, 133-134	50.5	8
22	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
21	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
20	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
19	Virus- and cell type-specific effects in orthohantavirus infection. <i>Virus Research</i> , 2019 , 260, 102-113	6.4	5
18	A High-Content Screening Technology for Quantitatively Studying Podocyte Dynamics. <i>Advances in Chronic Kidney Disease</i> , 2017 , 24, 183-188	4.7	4
17	Soluble urokinase plasminogen activation receptor and long-term outcomes in persons undergoing coronary angiography. <i>Scientific Reports</i> , 2019 , 9, 475	4.9	4
16	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
15	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
14	Renal Dysfunction and Recovery following Initial Treatment of Newly Diagnosed Multiple Myeloma. <i>International Journal of Nephrology</i> , 2018 , 2018, 4654717	1.7	4
13	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
12	The grand challenge of nephrology. <i>Frontiers in Medicine</i> , 2014 , 1, 28	4.9	3
11	Extrarenal determinants of kidney filter function. <i>Cell and Tissue Research</i> , 2017 , 369, 211-216	4.2	2
10	From Infancy to Fancy: A Glimpse into the Evolutionary Journey of Podocytes in Culture.. <i>Kidney360</i> , 2021 , 2, 385-397	1.8	2
9	Renal cell markers: lighthouses for managing renal diseases. <i>American Journal of Physiology - Renal Physiology</i> , 2021 , 321, F715-F739	4.3	1
8	Redefining colorectal cancer classification and clinical stratification through a single-cell atlas		1

7	Therapeutic evaluation of immunomodulators in reducing surgical wound infection.. <i>FASEB Journal</i> , 2022 , 36, e22090	0.9	1
6	Soluble Urokinase Receptor and Mortality in Kidney Transplant Recipients.. <i>Transplant International</i> , 2021 , 35, 10071	3	0
5	suPAR, a Circulating Kidney Disease Factor. <i>Frontiers in Medicine</i> , 2021 , 8, 745838	4.9	0
4	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
3	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
2	Deiodinase-3 is a thyrostat to regulate podocyte homeostasis. <i>EBioMedicine</i> , 2021 , 72, 103617	8.8	
1	SARS-CoV-2 pirates the kidneys: A scar(y) story.. <i>Cell Metabolism</i> , 2022 , 34, 352-354	24.6	