

Christoph Kuppe

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,175
citations

331670

21
h-index

315739

38
g-index

51
all docs

51
docs citations

51
times ranked

3154
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoding myofibroblast origins in human kidney fibrosis. <i>Nature</i> , 2021, 589, 281-286.	27.8	380
2	Adventitial MSC-like Cells Are Progenitors of Vascular Smooth Muscle Cells and Drive Vascular Calcification in Chronic Kidney Disease. <i>Cell Stem Cell</i> , 2016, 19, 628-642.	11.1	254
3	Parietal Epithelial Cells Participate in the Formation of Sclerotic Lesions in Focal Segmental Glomerulosclerosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1262-1274.	6.1	186
4	SARS-CoV-2 infects the human kidney and drives fibrosis in kidney organoids. <i>Cell Stem Cell</i> , 2022, 29, 217-231.e8.	11.1	146
5	Chemokine Cxcl9 attenuates liver fibrosis-associated angiogenesis in mice. <i>Hepatology</i> , 2012, 55, 1610-1619.	7.3	110
6	The Regenerative Potential of Parietal Epithelial Cells in Adult Mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 693-705.	6.1	96
7	Heterogeneous bone-marrow stromal progenitors drive myelofibrosis via a druggable alarmin axis. <i>Cell Stem Cell</i> , 2021, 28, 637-652.e8.	11.1	92
8	Causal integration of multi-omics data with prior knowledge to generate mechanistic hypotheses. <i>Molecular Systems Biology</i> , 2021, 17, e9730.	7.2	78
9	mTOR-mediated podocyte hypertrophy regulates glomerular integrity in mice and humans. <i>JCI Insight</i> , 2019, 4, .	5.0	69
10	Only Hyperuricemia with Crystalluria, but not Asymptomatic Hyperuricemia, Drives Progression of Chronic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2773-2792.	6.1	66
11	Electrical Forces Determine Glomerular Permeability. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 2053-2058.	6.1	61
12	Common histological patterns in glomerular epithelial cells in secondary focal segmental glomerulosclerosis. <i>Kidney International</i> , 2015, 88, 990-998.	5.2	57
13	Chromatin-accessibility estimation from single-cell ATAC-seq data with scOpen. <i>Nature Communications</i> , 2021, 12, 6386.	12.8	57
14	Primary Cultures of Glomerular Parietal Epithelial Cells or Podocytes with Proven Origin. <i>PLoS ONE</i> , 2012, 7, e34907.	2.5	55
15	Novel parietal epithelial cell subpopulations contribute to focal segmental glomerulosclerosis and glomerular tip lesions. <i>Kidney International</i> , 2019, 96, 80-93.	5.2	50
16	Investigations of Glucocorticoid Action in GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1408-1420.	6.1	46
17	Heterogeneity and plasticity in healthy and atherosclerotic vasculature explored by single-cell sequencing. <i>Cardiovascular Research</i> , 2019, 115, 1705-1715.	3.8	36
18	Novel 3D analysis using optical tissue clearing documents the evolution of murine rapidly progressive glomerulonephritis. <i>Kidney International</i> , 2019, 96, 505-516.	5.2	35

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19	Role of mesenchymal stem cells in kidney injury and fibrosis. <i>Current Opinion in Nephrology and Hypertension</i> , 2016, 25, 372-377.	2.0	32
20	Deep learning-based molecular morphometrics for kidney biopsies. <i>JCI Insight</i> , 2021, 6, .	5.0	31
21	Mapping the cardiac vascular niche in heart failure. <i>Nature Communications</i> , 2022, 13, .	12.8	31
22	Altered vitamin K biodistribution and metabolism in experimental and human chronic kidney disease. <i>Kidney International</i> , 2022, 101, 338-348.	5.2	21
23	Disruption of CUL3-mediated ubiquitination causes proximal tubule injury and kidney fibrosis. <i>Scientific Reports</i> , 2019, 9, 4596.	3.3	20
24	Renal Lipidosis in Patients Enrolled in a Methadone Substitution Program. <i>Archives of Pathology and Laboratory Medicine</i> , 2014, 138, 689-693.	2.5	16
25	Human pluripotent stem cell-derived kidney organoids for personalized congenital and idiopathic nephrotic syndrome modeling. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	16
26	Identification of platelet-derived growth factor C as a mediator of both renal fibrosis and hypertension. <i>Kidney International</i> , 2019, 95, 1103-1119.	5.2	14
27	A Functional Landscape of CKD Entities From Public Transcriptomic Data. <i>Kidney International Reports</i> , 2020, 5, 211-224.	0.8	14
28	Deficiency of myeloid PHD proteins aggravates atherogenesis via macrophage apoptosis and paracrine fibrotic signalling. <i>Cardiovascular Research</i> , 2022, 118, 1232-1246.	3.8	12
29	Progress and controversies in unraveling the glomerular filtration mechanism. <i>Current Opinion in Nephrology and Hypertension</i> , 2015, 24, 1.	2.0	10
30	Point: Proposing the Electrokinetic Model. <i>Peritoneal Dialysis International</i> , 2015, 35, 5-8.	2.3	10
31	Inverse correlation between vascular endothelial growth factor back-filtration and capillary filtration pressures. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1514-1525.	0.7	7
32	Experimental and computational technologies to dissect the kidney at the single-cell level. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 628-637.	0.7	6
33	The role of parietal epithelial cells in hyperplastic lesions. <i>Nature Reviews Nephrology</i> , 2014, 10, 5-6.	9.6	5
34	Macrophage activation syndrome in a patient with pulmonary inflammatory myofibroblastic tumour. <i>Allergy, Asthma and Clinical Immunology</i> , 2012, 8, 6.	2.0	3
35	Prevention of vascular calcification by the endogenous chromogranin A-derived mediator that inhibits osteogenic transdifferentiation. <i>Basic Research in Cardiology</i> , 2021, 116, 57.	5.9	3
36	Transcriptional Landscape of the Microenvironment in Bone Marrow Fibrosis at Single Cell Level. <i>Blood</i> , 2019, 134, 1675-1675.	1.4	2

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37	Bioengineered kidneys: new sights on a distant horizon. International Urology and Nephrology, 2014, 46, 477-480.	1.4	1
38	The authors reply. Kidney International, 2019, 96, 1241.	5.2	1
39	Deep Learning-Based Bias Transfer for Overcoming Laboratory Differences of Microscopic Images. Lecture Notes in Computer Science, 2021, , 322-336.	1.3	1
40	SP096COMMON PATTERNS OF GLOMERULAR EPITHELIAL CELLS IN HUMAN SECONDARY FSGS LESIONS. Nephrology Dialysis Transplantation, 2015, 30, iii410-iii410.	0.7	0
41	SP048UNRAVELING THE MECHANISM OF ACTION OF GLUCOCORTICOIDS IN GLOMERULONEPHRITIS. Nephrology Dialysis Transplantation, 2015, 30, iii396-iii396.	0.7	0
42	The Authors Reply. Kidney International, 2016, 89, 1404.	5.2	0
43	Focal segmental glomerulosclerosis: it may no longer be all about podocytes. Kidney International, 2016, 90, 905.	5.2	0
44	MO442ACUTE ADVERSE EFFECTS OF LOW POTASSIUM ON HEART AND KIDNEY*. Nephrology Dialysis Transplantation, 2021, 36, .	0.7	0