Catherine Meyer-Schwesinger

List of Publications by Year
in descending order

59 papers	3,728 citations	172457 29 h-index	144013 57 g-index
61 all docs	61 docs citations	61 times ranked	7024 citing authors

#	Article	IF	Citations
1	Thrombospondin Type-1 Domain-Containing 7A in Idiopathic Membranous Nephropathy. New England Journal of Medicine, 2014, 371, 2277-2287.	27.0	729
2	Autophagy influences glomerular disease susceptibility and maintains podocyte homeostasis in aging mice. Journal of Clinical Investigation, 2010, 120, 1084-1096.	8.2	604
3	Autoantibodies against thrombospondin type 1 domainâ€“containing 7A induce membranous nephropathy. Journal of Clinical Investigation, 2016, 126, 2519-2532.	8.2	181
4	Kidney dendritic cell activation is required for progression of renal disease in a mouse model of glomerular injury. Journal of Clinical Investigation, 2009, 119, 1286-1297.	8.2	180
5	A Mechanism for Cancer-Associated Membranous Nephropathy. New England Journal of Medicine, 2016, 374, 1995-1996.	27.0	158
6	Nanobodies that block gating of the P2X7 ion channel ameliorate inflammation. Science Translational Medicine, 2016, 8, 366ra162.	12.4	139
7	IL-33â€“Mediated Expansion of Type 2 Innate Lymphoid Cells Protects from Progressive Glomerulosclerosis. Journal of the American Society of Nephrology: JASN, 2017, 28, 2068-2080.	6.1	93
8	Chemokine Receptor CXCR3 Mediates T Cell Recruitment and Tissue Injury in Nephrotoxic Nephritis in Mice. Journal of the American Society of Nephrology: JASN, 2007, 18, 2071-2084.	6.1	89
9	Ubiquitin carboxyl-terminal hydrolase 1 (UCHL1) is a potential tumour suppressor in prostate cancer and is frequently silenced by promoter methylation. Molecular Cancer, 2011, 10, 129.	19.2	88
10	The ubiquitinâ€“proteasome system inÂkidney physiology and disease. Nature Reviews Nephrology, 2019, 15, 393-411.	9.6	86
11	IL-17A Production by Renal Î³Î´ T Cells Promotes Kidney Injury in Crescentic GN. Journal of the American Society of Nephrology: JASN, 2012, 23, 1486-1495.	6.1	78
12	CD73-mediated adenosine production by CD8 T cell-derived extracellular vesicles constitutes an intrinsic mechanism of immune suppression. Nature Communications, 2021, 12, 5911.	12.8	66
13	A novel mouse model of phospholipase A2 receptor 1-associated membranous nephropathyÂmimics podocyte injury in patients. Kidney International, 2020, 97, 913-919.	5.2	65
14	MicroRNA-193a Regulates the Transdifferentiation of Human Parietal Epithelial Cells toward a Podocyte Phenotype. Journal of the American Society of Nephrology: JASN, 2015, 26, 1389-1401.	6.1	64
15	A Heterologous Model of Thrombospondin Type 1 Domain-Containing 7A-Associated Membranous Nephropathy. Journal of the American Society of Nephrology: JASN, 2017, 28, 3262-3277.	6.1	64
16	Thrombospondin Type-1 Domain-Containing 7A in Idiopathic Membranous Nephropathy. New England Journal of Medicine, 2015, 372, 1073-1075.	27.0	58
17	Pathogen-induced tissue-resident memory T _H 17 (T _{RM} 17) cells amplify autoimmune kidney disease. Science Immunology, 2020, 5, .	11.9	58
18	The proteases HtrA2/Omi and UCH-L1 regulate TNF-induced necroptosis. Cell Communication and Signaling, 2013, 11, 76.	6.5	55

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19	CIN85/RukL Is a Novel Binding Partner of Nephrin and Podocin and Mediates Slit Diaphragm Turnover in Podocytes. Journal of Biological Chemistry, 2010, 285, 25285-25295.	3.4	51
20	Rho kinase inhibition attenuates LPS-induced renal failure in mice in part by attenuation of NF-Î°B p65 signaling. American Journal of Physiology - Renal Physiology, 2009, 296, F1088-F1099.	2.7	50
21	Ubiquitin C-Terminal Hydrolase-L1 Activity Induces Polyubiquitin Accumulation in Podocytes and Increases Proteinuria in Rat Membranous Nephropathy. American Journal of Pathology, 2011, 178, 2044-2057.	3.8	50
22	CD38 Is Expressed on Inflammatory Cells of the Intestine and Promotes Intestinal Inflammation. PLoS ONE, 2015, 10, e0126007.	2.5	48
23	Nephrotic Syndrome and Subepithelial Deposits in a Mouse Model of Immune-Mediated Anti-Podocyte Glomerulonephritis. Journal of Immunology, 2011, 187, 3218-3229.	0.8	46
24	Disease-Linked Glutarylation Impairs Function and Interactions of Mitochondrial Proteins and Contributes to Mitochondrial Heterogeneity. Cell Reports, 2018, 24, 2946-2956.	6.4	42
25	Thrombospondin Type 1 Domainâ€“Containing 7A Localizes to the Slit Diaphragm and Stabilizes Membrane Dynamics of Fully Differentiated Podocytes. Journal of the American Society of Nephrology: JASN, 2019, 30, 824-839.	6.1	42
26	MicroRNA-155 Drives TH17 Immune Response and Tissue Injury in Experimental Crescentic GN. Journal of the American Society of Nephrology: JASN, 2013, 24, 1955-1965.	6.1	41
27	Ubiquitin C-terminal hydrolase L1 (UCH-L1) loss causes neurodegeneration by altering protein turnover in the first postnatal weeks. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7963-7972.	7.1	36
28	The expression of podocyte-specific proteins in parietal epithelial cells is regulated by protein degradation. Kidney International, 2013, 84, 532-544.	5.2	34
29	Alterations in the Ubiquitin Proteasome System in Persistent but Not Reversible Proteinuric Diseases. Journal of the American Society of Nephrology: JASN, 2014, 25, 2511-2525.	6.1	31
30	Glomerular endothelial cell maturation depends on ADAM10, a key regulator of Notch signaling. Angiogenesis, 2018, 21, 335-347.	7.2	31
31	T_{H1} and T_{H17} cells promote crescent formation in experimental autoimmune glomerulonephritis. Journal of Pathology, 2015, 237, 62-71.	4.5	27
32	Bone Marrowâ€“Derived Progenitor Cells Do Not Contribute to Podocyte Turnover in the Puromycin Aminoglycoside and Renal Ablation Models in Rats. American Journal of Pathology, 2011, 178, 494-499.	3.8	25
33	Ubiquitin C-Terminal Hydrolase L1 is required forÂregulated protein degradation through theÂubiquitin proteasome system in kidney. Kidney International, 2018, 93, 110-127.	5.2	25
34	Role of Apolipoprotein L1 in Human Parietal Epithelial Cell Transition. American Journal of Pathology, 2018, 188, 2508-2528.	3.8	25
35	Prognostic relevance of ubiquitin C-terminal hydrolase L1 (UCH-L1) mRNA and protein expression in breast cancer patients. Journal of Cancer Research and Clinical Oncology, 2013, 139, 1745-1755.	2.5	23
36	Lysosome function in glomerular health and disease. Cell and Tissue Research, 2021, 385, 371-392.	2.9	21

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37	Podocytes Produce and Secrete Functional Complement C3 and Complement Factor H. Frontiers in Immunology, 2020, 11, 1833.	4.8	19
38	Interleukin-9 protects from early podocyte injury and progressive glomerulosclerosis in Adriamycin-induced nephropathy. Kidney International, 2020, 98, 615-629.	5.2	18
39	Tripartite Separation of Glomerular Cell Types and Proteomes from Reporter-Free Mice. Journal of the American Society of Nephrology: JASN, 2021, 32, 2175-2193.	6.1	16
40	The ins-and-outs of podocyte lipid metabolism. Kidney International, 2020, 98, 1087-1090.	5.2	15
41	Enzyme replacement therapy in mice lacking arylsulfatase B targets bone-remodeling cells, but not chondrocytes. Human Molecular Genetics, 2020, 29, 803-816.	2.9	15
42	The Role of Renal Progenitors in Renal Regeneration. Nephron, 2016, 132, 101-109.	1.8	14
43	Rho-kinase inhibition prevents proteinuria in immune-complex-mediated antipodocyte nephritis. American Journal of Physiology - Renal Physiology, 2012, 303, F1015-F1025.	2.7	13
44	UCH-L1 induces podocyte hypertrophy in membranous nephropathy by protein accumulation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 945-958.	3.8	13
45	Mouse models of membranous nephropathy: the road less travelled by. American Journal of Clinical and Experimental Immunology, 2013, 2, 135-45.	0.2	13
46	Glomerulopathy Induced by Immunization with a Peptide Derived from the Goodpasture Antigen Î±3IV-NC1. Journal of Immunology, 2015, 194, 3646-3655.	0.8	12
47	Deubiquitinating Enzyme UCH-L1 Promotes Dendritic Cell Antigen Cross-Presentation by Favoring Recycling of MHC Class I Molecules. Journal of Immunology, 2019, 203, 1730-1742.	0.8	10
48	Protecting the kidney against autoimmunity and inflammation. Nature Reviews Nephrology, 2019, 15, 66-68.	9.6	10
49	The Intertwining of Autophagy and the Ubiquitin Proteasome System in Podocyte (Patho)Physiology. Cellular Physiology and Biochemistry, 2021, 55, 68-95.	1.6	10
50	Distinct Modes of Balancing Glomerular Cell Proteostasis in Mucolipidosis Type II and III Prevent Proteinuria. Journal of the American Society of Nephrology: JASN, 2020, 31, 1796-1814.	6.1	7
51	ADAM10-Mediated Ectodomain Shedding Is an Essential Driver of Podocyte Damage. Journal of the American Society of Nephrology: JASN, 2021, 32, 1389-1408.	6.1	7
52	ADP-Ribosylation Regulates the Signaling Function of IFN-Î³. Frontiers in Immunology, 2021, 12, 642545.	4.8	7
53	Ectodomain shedding by ADAM proteases as a central regulator in kidney physiology and disease. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119165.	4.1	6
54	The calcium-sensing receptor stabilizes podocyte function in proteinuric humans and mice. Kidney International, 2022, 101, 1186-1199.	5.2	6

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55	Antigen Cross-Presentation by Murine Proximal Tubular Epithelial Cells Induces Cytotoxic and Inflammatory CD8+ T Cells. Cells, 2022, 11, 1510.	4.1	6
56	Isolation of Glomeruli and In Vivo Labeling of Glomerular Cell Surface Proteins. Journal of Visualized Experiments, 2019, , .	0.3	3
57	Inhibition of mTOR delayed but could not prevent experimental collapsing focal segmental glomerulosclerosis. Scientific Reports, 2020, 10, 8580.	3.3	3
58	An unexpected role of steroid on podocytes: from zebrafish to human nephrotic syndrome?. Kidney International, 2019, 95, 1015-1017.	5.2	0
59	Loss of Renal Mass Exacerbates Renal Damage in a Mouse Model of Highâ€Renin Hypertension. FASEB Journal, 2022, 36, .	0.5	0