Joseph C K Leung

List of Publications by Year
in descending order

54 papers	2,574 citations	186265 28 h-index	189892 50 g-index
54 all docs	54 docs citations	54 times ranked	3035 citing authors

#	Article	IF	Citations
1	Toll-Like Receptor 4 Promotes Tubular Inflammation in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2012, 23, 86-102.	6.1	313
2	Albumin stimulates interleukin-8 expression in proximal tubular epithelial cells in vitro and in vivo. Journal of Clinical Investigation, 2003, 111, 515-527.	8.2	234
3	Podocyte injury induced by mesangial-derived cytokines in IgA nephropathy. Nephrology Dialysis Transplantation, 2008, 24, 62-72.	0.7	135
4	Kidney injury moleculeâ€1: More than just an injury marker of tubular epithelial cells?. Journal of Cellular Physiology, 2013, 228, 917-924.	4.1	117
5	Activation of podocytes by mesangial-derived TNF-Î±: glomerulo-podocytic communication in IgA nephropathy. American Journal of Physiology - Renal Physiology, 2008, 294, F945-F955.	2.7	116
6	Diabetic Tubulopathy: An Emerging Entity. Contributions To Nephrology, 2011, 170, 124-134.	1.1	100
7	Activation of tubular epithelial cells by mesangial-derived TNF-Î±: Glomerulotubular communication in IgA nephropathy. Kidney International, 2005, 67, 602-612.	5.2	92
8	Absence of CD89, Polymeric Immunoglobulin Receptor, and Asialoglycoprotein Receptor on Human Mesangial Cells. Journal of the American Society of Nephrology: JASN, 2000, 11, 241-249.	6.1	87
9	Polymeric IgA1 from Patients with IgA Nephropathy Upregulates Transforming Growth Factor-Î² Synthesis and Signal Transduction in Human Mesangial Cells via the Renin-Angiotensin System. Journal of the American Society of Nephrology: JASN, 2003, 14, 3127-3137.	6.1	80
10	A global perspective on the crosstalk between saturated fatty acids and Toll-like receptor 4 in the etiology of inflammation and insulin resistance. Progress in Lipid Research, 2020, 77, 101020.	11.6	76
11	Tubular Expression of Angiotensin II Receptors and Their Regulation in IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2005, 16, 2306-2317.	6.1	70
12	Mesenchymal Stem Cells Modulate Albumin-Induced Renal Tubular Inflammation and Fibrosis. PLoS ONE, 2014, 9, e90883.	2.5	64
13	Complement C5a inhibition moderates lipid metabolism and reduces tubulointerstitial fibrosis in diabetic nephropathy. Nephrology Dialysis Transplantation, 2018, 33, 1323-1332.	0.7	62
14	Synthesis of TNF-Â by mesangial cells cultured with polymeric anionic IgA role of MAPK and NF-ÂB. Nephrology Dialysis Transplantation, 2007, 23, 72-81.	0.7	59
15	Inflammation in Peritoneal Dialysis. Nephron Clinical Practice, 2010, 116, c11-c18.	2.3	56
16	Glucose degradation products downregulate ZO-1 expression in human peritoneal mesothelial cells: the role of VEGF. Nephrology Dialysis Transplantation, 2005, 20, 1336-1349.	0.7	55
17	Polymeric IgA increases the synthesis of macrophage migration inhibitory factor by human mesangial cells in IgA nephropathy. Nephrology Dialysis Transplantation, 2003, 18, 36-45.	0.7	48
18	Activated renal tubular Wnt/Î²-catenin signalingÂtriggers renal inflammation duringÂoverload proteinuria. Kidney International, 2018, 93, 1367-1383.	5.2	47

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19	Anti-macrophage migration inhibitory factor reduces transforming growth factor-Â1 expression in experimental IgA nephropathy. Nephrology Dialysis Transplantation, 2004, 19, 1976-1985.	0.7	44
20	Mesangial expression of angiotensin II receptor in IgA nephropathy and its regulation by polymeric IgA1. Kidney International, 2004, 66, 1403-1416.	5.2	44
21	Mechanisms of tubulointerstitial injury in IgA nephropathy. Kidney International, 2005, 67, S110-S115.	5.2	39
22	Distinct role of matrix metalloproteinase-3 in kidney injury molecule-1 shedding by kidney proximal tubular epithelial cells. International Journal of Biochemistry and Cell Biology, 2012, 44, 1040-1050.	2.8	39
23	Increased sialylation of polymeric Î»â€IgA₁ in patients with IgA nephropathy. Journal of Clinical Laboratory Analysis, 2002, 16, 11-19.	2.1	38
24	Tissue Kallikrein Mediates Pro-Inflammatory Pathways and Activation of Protease-Activated Receptor-4 in Proximal Tubular Epithelial Cells. PLoS ONE, 2014, 9, e88894.	2.5	36
25	Hyperleptinaemia and chronic inflammation after peritonitis predicts poor nutritional status and mortality in patients on peritoneal dialysis. Nephrology Dialysis Transplantation, 2007, 22, 1445-1450.	0.7	35
26	BMP7 reduces inflammation and oxidative stress in diabetic tubulopathy. Clinical Science, 2015, 128, 269-280.	4.3	34
27	Macromolecular IgA1 taken from patients with familial IgA Nephropathy or their asymptomatic relatives have higher reactivity to mesangial cells in vitro. Kidney International, 2009, 75, 1330-1339.	5.2	32
28	Regulation of CCN2/CTGF and related cytokines in cultured peritoneal cells under conditions simulating peritoneal dialysis. Nephrology Dialysis Transplantation, 2008, 24, 458-469.	0.7	31
29	Amelioration of Endoplasmic Reticulum Stress by Mesenchymal Stem Cells via Hepatocyte Growth Factor/c-Met Signaling in Obesity-Associated Kidney Injury. Stem Cells Translational Medicine, 2019, 8, 898-910.	3.3	31
30	Differential effects of advanced glycation endâ€products on renal tubular cell inflammation. Nephrology, 2011, 16, 417-425.	1.6	29
31	Oxidative damages in tubular epithelial cells in IgA nephropathy: role of crosstalk between angiotensin II and aldosterone. Journal of Translational Medicine, 2011, 9, 169.	4.4	29
32	Role of Mesangial-Podocytic-Tubular Cross-Talk in IgA Nephropathy. Seminars in Nephrology, 2018, 38, 485-495.	1.6	28
33	Size-dependent binding of IgA to HepG2, U937, and human mesangial cells. Translational Research, 2002, 140, 398-406.	2.3	27
34	Roles of Neutrophil Gelatinase-Associated Lipocalin in Continuous Ambulatory Peritoneal Dialysis-Related Peritonitis. Journal of Clinical Immunology, 2009, 29, 365-378.	3.8	24
35	BMP-7 protects mesangial cells from injury by polymeric IgA. Kidney International, 2008, 74, 1026-1039.	5.2	23
36	Novel mechanisms of tubulointerstitial injury in IgA nephropathy: a new therapeutic paradigm in the prevention of progressive renal failure. Clinical and Experimental Nephrology, 2004, 8, 297-303.	1.6	22

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37	Additive renoprotective effects of B2-kinin receptor blocker and PPAR-Î³ agonist in uninephrectomized db/db mice. Laboratory Investigation, 2011, 91, 1351-1362.	3.7	22
38	The PAR-1 antagonist vorapaxar ameliorates kidney injury and tubulointerstitial fibrosis. Clinical Science, 2020, 134, 2873-2891.	4.3	20
39	Peritoneal Adipocytes and Their Role in Inflammation during Peritoneal Dialysis. Mediators of Inflammation, 2010, 2010, 1-10.	3.0	18
40	Human induced pluripotent stem cell-derived mesenchymal stem cells prevent adriamycin nephropathy in mice. Oncotarget, 2017, 8, 103640-103656.	1.8	17
41	Novel genes and variants associated with IgA nephropathy by co-segregating with the disease phenotypes in 10 IgAN families. Gene, 2015, 571, 43-51.	2.2	14
42	Combined blockade of angiotensin II and prorenin receptors ameliorates podocytic apoptosis induced by IgA-activated mesangial cells. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 907-920.	4.9	13
43	BMPâ€7 represses albuminâ€induced chemokine synthesis in kidney tubular epithelial cells through destabilization of NFâ€ºBâ€inducing kinase. Immunology and Cell Biology, 2014, 92, 427-435.	2.3	12
44	Protective role of kallistatin in renal fibrosis via modulation of Wnt/Î²-catenin signaling. Clinical Science, 2021, 135, 429-446.	4.3	12
45	The role of leptin and its short-form receptor in inflammation in db/db mice infused with peritoneal dialysis fluid. Nephrology Dialysis Transplantation, 2012, 27, 3119-3129.	0.7	11
46	Spleen Tyrosine Kinase Inhibition Ameliorates Tubular Inflammation in IgA Nephropathy. Frontiers in Physiology, 2021, 12, 650888.	2.8	9
47	In vitro enhanced chemotaxis of CD25+ mononuclear cells in patients with familial IgAN through glomerulotubular interactions. American Journal of Physiology - Renal Physiology, 2010, 299, F359-F368.	2.7	8
48	The Treatment of IgA Nephropathy. Kidney Diseases (Basel, Switzerland), 2015, 1, 19-26.	2.5	7
49	Glycosylation Profile of Differently Charged IgA1 and Their Binding Characteristics to Cultured Mesangial Cells in IgA Nephropathy. Nephron Experimental Nephrology, 2007, 107, e107-e118.	2.2	4
50	Recent advances in the understanding and management of IgA nephropathy. F1000Research, 2016, 5, 161.	1.6	4
51	Albumin and glycated albumin activate KIM-1 release in tubular epithelial cells through distinct kinetics and mechanisms. Inflammation Research, 2014, 63, 831-839.	4.0	3
52	Tubule-specific deletion of LincRNA-p21 ameliorates lipotoxic kidney injury. Molecular Therapy - Nucleic Acids, 2021, 26, 1280-1290.	5.1	3
53	Podocyte Pathology. , 2009, , 69-81.		1
54	Renin-Angiotensin System. , 2009, , 289-307.		0