Jeremy Hughes

List of Publications by Year in Descending Order

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61	3,572	32	59
papers	citations	h-index	g-index
66	4,191	7.3	5.28
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
61	Cellular senescence inhibits renal regeneration after injury in mice, with senolytic treatment promoting repair. *Science Translational Medicine*, **2021**, 13,	17.5	19
60	Aging modulates the effects of ischemic injury upon mesenchymal cells within the renal interstitium and microvasculature. *Stem Cells Translational Medicine*, **2021**, 10, 1232-1248	6.9	2
59	Cellular Senescence and Senotherapies in the Kidney: Current Evidence and Future Directions. *Frontiers in Pharmacology*, **2020**, 11, 755	5.6	11
58	Identifying cell-enriched miRNAs in kidney injury and repair. *JCI Insight*, **2020**, 5,	9.9	7
57	Kidney Single-Cell Atlas Reveals Myeloid Heterogeneity in Progression and Regression of Kidney Disease. *Journal of the American Society of Nephrology: JASN*, **2020**, 31, 2833-2854	12.7	37
56	Complementary Roles for Single-Nucleus and Single-Cell RNA Sequencing in Kidney Disease Research. *Journal of the American Society of Nephrology: JASN*, **2019**, 30, 712-713	12.7	15
55	Kynurenine 3-monooxygenase is a critical regulator of renal ischemia-reperfusion injury. *Experimental and Molecular Medicine*, **2019**, 51, 1-14	12.8	17
54	Refining the Mouse Subtotal Nephrectomy in Male 129S2/SV Mice for Consistent Modeling of Progressive Kidney Disease With Renal Inflammation and Cardiac Dysfunction. *Frontiers in Physiology*, **2019**, 10, 1365	4.6	5
53	Granulocyte macrophage-colony stimulating factor: A key modulator of renal mononuclear phagocyte plasticity. *Immunobiology*, **2019**, 224, 60-74	3.4	3
52	Microangiopathy and acute kidney injury in paroxysmal cold hemoglobinuria: A challenge for management. *American Journal of Hematology*, **2018**, 93, 718-721	7.1	1
51	Pericytes in the renal vasculature: roles in health and disease. *Nature Reviews Nephrology*, **2018**, 14, 521-534	14.9	54
50	Recent early clinical drug development for acute kidney injury. *Expert Opinion on Investigational Drugs*, **2017**, 26, 141-154	5.9	13
49	Renal Aging: Causes and Consequences. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 407-420	12.7	187
48	The Origins and Functions of Tissue-Resident Macrophages in Kidney Development. *Frontiers in Physiology*, **2017**, 8, 837	4.6	58
47	Kynurenine-3-monooxygenase inhibition prevents multiple organ failure in rodent models of acute pancreatitis. *Nature Medicine*, **2016**, 22, 202-9	50.5	98
46	Urinary peptidomics in a rodent model of diabetic nephropathy highlights epidermal growth factor as a biomarker for renal deterioration in patients with type 2 diabetes. *Kidney International*, **2016**, 89, 1125-1135	9.9	45
45	11Hydroxysteroid Dehydrogenase Type 1 Is Expressed in Neutrophils and Restrains an Inflammatory Response in Male Mice. *Endocrinology*, **2016**, 157, 2928-36	4.8	19

44	ISN Forefronts Symposium 2015: The Diverse Function of Macrophages in Renal Disease. *Kidney International Reports*, **2016**, 1, 204-209	4.1	78
43	Heat shock protein 90 inhibition abrogates TLR4-mediated NF-B activity and reduces renal ischemia-reperfusion injury. *Scientific Reports*, **2015**, 5, 12958	4.9	27
42	Intrarenal B Cell Cytokines Promote Transplant Fibrosis and Tubular Atrophy. *American Journal of Transplantation*, **2015**, 15, 3067-80	8.7	20
41	Clinical Trial: Heme Arginate in patients planned for Cardiac Surgery (HACS). *Journal of Cardiothoracic Surgery*, **2015**, 10,	1.6	78
40	Circulating IgM Requires Plasma Membrane Disruption to Bind Apoptotic and Non-Apoptotic Nucleated Cells and Erythrocytes. *PLoS ONE*, **2015**, 10, e0131849	3.7	5
39	Challenges in early clinical drug development for ischemia-reperfusion injury in kidney transplantation. *Expert Opinion on Drug Discovery*, **2015**, 10, 753-62	6.2	7
38	Acute Liver Injury Is Independent of B Cells or Immunoglobulin M. *PLoS ONE*, **2015**, 10, e0138688	3.7	6
37	The utility of the additive EuroSCORE, RIFLE and AKIN staging scores in the prediction and diagnosis of acute kidney injury after cardiac surgery. *Nephron Clinical Practice*, **2014**, 128, 29-38		13
36	Dendritic cells and macrophages in the kidney: a spectrum of good and evil. *Nature Reviews Nephrology*, **2014**, 10, 625-43	14.9	125
35	Renal ischaemia reperfusion injury: a mouse model of injury and regeneration. *Journal of Visualized Experiments*, **2014**,	1.6	52
34	Mouse kidney transplantation: models of allograft rejection. *Journal of Visualized Experiments*, **2014** , e52163	1.6	7
33	A murine model of irreversible and reversible unilateral ureteric obstruction. *Journal of Visualized Experiments*, **2014**,	1.6	16
32	Tight blood glycaemic and blood pressure control in experimental diabetic nephropathy reduces extracellular matrix production without regression of fibrosis. *Nephrology*, **2014**, 19, 802-13	2.2	13
31	Heat-shock protein-70 and regulatory T cell-mediated protection from ischemic injury. *Kidney International*, **2014**, 85, 5-7	9.9	10
30	Heat-shock proteins and acute ischaemic kidney injury. *Nephron Experimental Nephrology*, **2014**, 126, 167-74		38
29	Apoptotic cell administration is detrimental in murine renal ischaemia reperfusion injury. *Journal of Inflammation*, **2014**, 11, 31	6.7	3
28	Systematic review of mouse kidney transplantation. *Transplant International*, **2013**, 26, 1149-60	3	19
27	Administration of heme arginate ameliorates murine type 2 diabetes independently of heme oxygenase activity. *PLoS ONE*, **2013**, 8, e78209	3.7	7

26	Inflammatory lymphangiogenesis in a rat transplant model of interstitial fibrosis and tubular atrophy. *Transplant International*, **2012**, 25, 792-800	3	11
25	The renal mononuclear phagocytic system. *Journal of the American Society of Nephrology: JASN*, **2012**, 23, 194-203	12.7	184
24	Hyperglycemia and renin-dependent hypertension synergize to model diabetic nephropathy. *Journal of the American Society of Nephrology: JASN*, **2012**, 23, 405-11	12.7	35
23	Macrophage/monocyte depletion by clodronate, but not diphtheria toxin, improves renal ischemia/reperfusion injury in mice. *Kidney International*, **2012**, 82, 928-33	9.9	112
22	Infusion of IL-10-expressing cells protects against renal ischemia through induction of lipocalin-2. *Kidney International*, **2012**, 81, 969-982	9.9	73
21	Adenosine A(2A) agonists as therapy for glomerulonephritis. *Kidney International*, **2011**, 80, 329-31	9.9	5
20	Conditional ablation of macrophages disrupts ovarian vasculature. *Reproduction*, **2011**, 141, 821-31	3.8	68
19	Novel fat depot-specific mechanisms underlie resistance to visceral obesity and inflammation in 11 βhydroxysteroid dehydrogenase type 1-deficient mice. *Diabetes*, **2011**, 60, 1158-67	0.9	50
18	The induction of macrophage hemeoxygenase-1 is protective during acute kidney injury in aging mice. *Kidney International*, **2011**, 79, 966-76	9.9	57
17	Macrophages expressing heme oxygenase-1 improve renal function in ischemia/reperfusion injury. *Molecular Therapy*, **2010**, 18, 1706-13	11.7	72
16	Macrophages and kidney transplantation. *Seminars in Nephrology*, **2010**, 30, 278-89	4.8	29
15	Macrophages and renal fibrosis. *Seminars in Nephrology*, **2010**, 30, 302-17	4.8	100
14	Macrophages and kidney disease: introduction. *Seminars in Nephrology*, **2010**, 30, 215	4.8	
13	Hemeoxygenase-1 and renal ischaemia-reperfusion injury. *Nephron Experimental Nephrology*, **2010**, 115, e33-7		46
12	Tissue-resident macrophages protect the liver from ischemia reperfusion injury via a heme oxygenase-1-dependent mechanism. *Molecular Therapy*, **2009**, 17, 65-72	11.7	114
11	Galectin-3 expression and secretion links macrophages to the promotion of renal fibrosis. *American Journal of Pathology*, **2008**, 172, 288-98	5.8	381
10	Macrophages and dendritic cells: what is the difference?. *Kidney International*, **2008**, 74, 5-7	9.9	86
9	Inflammatory cells in renal injury and repair. *Seminars in Nephrology*, **2007**, 27, 250-9	4.8	75

8	Identification and quantification of apoptosis in the kidney using morphology, biochemical and molecular markers. *Nephrology*, **2007**, 12, 452-8	2.2	38
7	Peritubular capillary rarefaction and lymphangiogenesis in chronic allograft failure. *Transplantation*, **2007**, 83, 1542-50	1.8	34
6	Nitric oxide is an important mediator of renal tubular epithelial cell death in vitro and in murine experimental hydronephrosis. *American Journal of Pathology*, **2006**, 169, 388-99	5.8	39
5	Conditional ablation of macrophages halts progression of crescentic glomerulonephritis. *American Journal of Pathology*, **2005**, 167, 1207-19	5.8	201
4	Conditional macrophage ablation demonstrates that resident macrophages initiate acute peritoneal inflammation. *Journal of Immunology*, **2005**, 174, 2336-42	5.3	200
3	Impaired angiogenesis in the aging kidney: vascular endothelial growth factor and thrombospondin-1 in renal disease. *American Journal of Kidney Diseases*, **2001**, 37, 601-11	7.4	221
2	Obstructive uropathy in the mouse: role of osteopontin in interstitial fibrosis and apoptosis. *Kidney International*, **1999**, 56, 571-80	9.9	220
1	Kidney single-cell atlas reveals myeloid heterogeneity in progression and regression of kidney disease		1