Jeremy Hughes

List of Publications by Year
in descending order

		136950	133252
62 papers	4,452 citations	32 h-index	59 g-index
66 all docs	66 docs citations	66 times ranked	6668 citing authors

#	Article	IF	Citations
1	Sonoporation of Human Renal Proximal Tubular Epithelial Cells In Vitro to Enhance the Liberation of Intracellular miRNA Biomarkers. Ultrasound in Medicine and Biology, 2022, 48, 1019-1032.	1.5	2
2	Cellular senescence inhibits renal regeneration after injury in mice, with senolytic treatment promoting repair. Science Translational Medicine, 2021, 13, .	12.4	83
3	Aging Modulates the Effects of Ischemic Injury Upon Mesenchymal Cells within the Renal Interstitium and Microvasculature. Stem Cells Translational Medicine, 2021, 10, 1232-1248.	3.3	7
4	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.	6.1	113
5	Cellular Senescence and Senotherapies in the Kidney: Current Evidence and Future Directions. Frontiers in Pharmacology, 2020, 11, 755.	3.5	26
6	Identifying cell-enriched miRNAs in kidney injury and repair. JCI Insight, 2020, 5, .	5.0	19
7	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.	6.1	21
8	Kynurenine 3-monooxygenase is a critical regulator of renal ischemiaâ€"reperfusion injury. Experimental and Molecular Medicine, 2019, 51, 1-14.	7.7	34
9	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.	2.8	11
10	Granulocyte macrophage-colony stimulating factor: A key modulator of renal mononuclear phagocyte plasticity. Immunobiology, 2019, 224, 60-74.	1.9	10
11	Microangiopathy and acute kidney injury in paroxysmal cold hemoglobinuria: A challenge for management. American Journal of Hematology, 2018, 93, 718-721.	4.1	1
12	Pericytes in the renal vasculature: roles in health and disease. Nature Reviews Nephrology, 2018, 14, 521-534.	9.6	95
13	Recent early clinical drug development for acute kidney injury. Expert Opinion on Investigational Drugs, 2017, 26, 141-154.	4.1	22
14	Renal Aging: Causes and Consequences. Journal of the American Society of Nephrology: JASN, 2017, 28, 407-420.	6.1	306
15	The Origins and Functions of Tissue-Resident Macrophages in Kidney Development. Frontiers in Physiology, 2017, 8, 837.	2.8	90
16	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.	5.2	62
17	11Î²-Hydroxysteroid Dehydrogenase Type 1 Is Expressed in Neutrophils and Restrains an Inflammatory Response in Male Mice. Endocrinology, 2016, 157, 2928-2936.	2.8	36
18	ISN Forefronts Symposium 2015: The Diverse Function of Macrophages in Renal Disease. Kidney International Reports, 2016, 1, 204-209.	0.8	0

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19	Kynurenine-3-monooxygenase inhibition prevents multiple organ failure in rodent models of acute pancreatitis. Nature Medicine, 2016, 22, 202-209.	30.7	124
20	Heat shock protein 90 inhibition abrogates TLR4-mediated NF-Î°B activity and reduces renal ischemia-reperfusion injury. Scientific Reports, 2015, 5, 12958.	3.3	34
21	Intrarenal B Cell Cytokines Promote Transplant Fibrosis and Tubular Atrophy. American Journal of Transplantation, 2015, 15, 3067-3080.	4.7	30
22	Clinical Trial: Heme Arginate in patients planned for Cardiac Surgery (HACS). Journal of Cardiothoracic Surgery, 2015, 10, .	1.1	0
23	Circulating IgM Requires Plasma Membrane Disruption to Bind Apoptotic and Non-Apoptotic Nucleated Cells and Erythrocytes. PLoS ONE, 2015, 10, e0131849.	2.5	6
24	Challenges in early clinical drug development for ischemia-reperfusion injury in kidney transplantation. Expert Opinion on Drug Discovery, 2015, 10, 753-762.	5.0	9
25	Acute Liver Injury Is Independent of B Cells or Immunoglobulin M. PLoS ONE, 2015, 10, e0138688.	2.5	8
26	Tight blood glycaemic and blood pressure control in experimental diabetic nephropathy reduces extracellular matrix production without regression of fibrosis. Nephrology, 2014, 19, 802-813.	1.6	18
27	Heat-shock protein-70 and regulatory T cellâ€“mediated protection from ischemic injury. Kidney International, 2014, 85, 5-7.	5.2	13
28	Heat-Shock Proteins and Acute Ischaemic Kidney Injury. Nephron Experimental Nephrology, 2014, 126, 167-174.	2.2	45
29	Apoptotic cell administration is detrimental in murine renal ischaemia reperfusion injury. Journal of Inflammation, 2014, 11, 31.	3.4	3
30	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.	2.3	16
31	Dendritic cells and macrophages in the kidney: a spectrum of good and evil. Nature Reviews Nephrology, 2014, 10, 625-643.	9.6	161
32	Renal Ischaemia Reperfusion Injury: A Mouse Model of Injury and Regeneration. Journal of Visualized Experiments, 2014, , .	0.3	67
33	Mouse Kidney Transplantation: Models of Allograft Rejection. Journal of Visualized Experiments, 2014, , e52163.	0.3	8
34	A Murine Model of Irreversible and Reversible Unilateral Ureteric Obstruction. Journal of Visualized Experiments, 2014, , .	0.3	27
35	Systematic review of mouse kidney transplantation. Transplant International, 2013, 26, 1149-1160.	1.6	25
36	Macrophages and Transplant Rejection. Transplantation, 2013, 96, 946-948.	1.0	9

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37	Administration of Heme Arginate Ameliorates Murine Type 2 Diabetes Independently of Heme Oxygenase Activity. PLoS ONE, 2013, 8, e78209.	2.5	8
38	Hyperglycemia and Renin-Dependent Hypertension Synergize to Model Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2012, 23, 405-411.	6.1	40
39	Macrophage/monocyte depletion by clodronate, but not diphtheria toxin, improves renal ischemia/reperfusion injury in mice. Kidney International, 2012, 82, 928-933.	5.2	149
40	Infusion of IL-10â€“expressing cells protects against renal ischemia through induction of lipocalin-2. Kidney International, 2012, 81, 969-982.	5.2	93
41	The Renal Mononuclear Phagocytic System. Journal of the American Society of Nephrology: JASN, 2012, 23, 194-203.	6.1	243
42	Inflammatory lymphangiogenesis in a rat transplant model of interstitial fibrosis and tubular atrophy. Transplant International, 2012, 25, 792-800.	1.6	16
43	Adenosine A2A agonists as therapy for glomerulonephritis. Kidney International, 2011, 80, 329-331.	5.2	5
44	Conditional ablation of macrophages disrupts ovarian vasculature. Reproduction, 2011, 141, 821-831.	2.6	90
45	Novel Fat Depotâ€“Specific Mechanisms Underlie Resistance to Visceral Obesity and Inflammation in 11Î²-Hydroxysteroid Dehydrogenase Type 1â€“Deficient Mice. Diabetes, 2011, 60, 1158-1167.	0.6	54
46	The induction of macrophage hemeoxygenase-1 is protective during acute kidney injury in aging mice. Kidney International, 2011, 79, 966-976.	5.2	68
47	Macrophages Expressing Heme Oxygenase-1 Improve Renal Function in Ischemia/Reperfusion Injury. Molecular Therapy, 2010, 18, 1706-1713.	8.2	80
48	Macrophages and Kidney Transplantation. Seminars in Nephrology, 2010, 30, 278-289.	1.6	31
49	Macrophages and Renal Fibrosis. Seminars in Nephrology, 2010, 30, 302-317.	1.6	125
50	Macrophages and Kidney Disease: Introduction. Seminars in Nephrology, 2010, 30, 215.	1.6	0
51	Hemeoxygenase-1 and Renal Ischaemia-Reperfusion Injury. Nephron Experimental Nephrology, 2010, 115, e33-e37.	2.2	52
52	Tissue-resident Macrophages Protect the Liver From Ischemia Reperfusion Injury via a Heme Oxygenase-1-Dependent Mechanism. Molecular Therapy, 2009, 17, 65-72.	8.2	126
53	Macrophages and dendritic cells: what is the difference?. Kidney International, 2008, 74, 5-7.	5.2	108
54	Galectin-3 Expression and Secretion Links Macrophages to the Promotion of Renal Fibrosis. American Journal of Pathology, 2008, 172, 288-298.	3.8	460

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55	Peritubular Capillary Rarefaction and Lymphangiogenesis in Chronic Allograft Failure. Transplantation, 2007, 83, 1542-1550.	1.0	40
56	Inflammatory Cells in Renal Injury and Repair. Seminars in Nephrology, 2007, 27, 250-259.	1.6	85
57	Identification and quantification of apoptosis in the kidney using morphology, biochemical and molecular markers. Nephrology, 2007, 12, 452-458.	1.6	41
58	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, 388-399.	3.8	41
59	Conditional Macrophage Ablation Demonstrates That Resident Macrophages Initiate Acute Peritoneal Inflammation. Journal of Immunology, 2005, 174, 2336-2342.	0.8	220
60	Conditional Ablation of Macrophages Halts Progression of Crescentic Glomerulonephritis. American Journal of Pathology, 2005, 167, 1207-1219.	3.8	223
61	Impaired angiogenesis in the aging kidney: Vascular endothelial growth factor and Thrombospondin-1 in renal disease. American Journal of Kidney Diseases, 2001, 37, 601-611.	1.9	252
62	Obstructive uropathy in the mouse: Role of osteopontin in interstitial fibrosis and apoptosis. Kidney International, 1999, 56, 571-580.	5.2	257