

Ganesan Ramesh

List of Publications by Year in descending order

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62
papers

6,123
citations

94433

37
h-index

133252

59
g-index

62
all docs

62
docs citations

62
times ranked

7395
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Cisplatin Nephrotoxicity. <i>Toxins</i> , 2010, 2, 2490-2518.	3.4	1,235
2	TNF- α mediates chemokine and cytokine expression and renal injury in cisplatin nephrotoxicity. <i>Journal of Clinical Investigation</i> , 2002, 110, 835-842.	8.2	673
3	TNF- α mediates chemokine and cytokine expression and renal injury in cisplatin nephrotoxicity. <i>Journal of Clinical Investigation</i> , 2002, 110, 835-842.	8.2	370
4	TLR4 Signaling Mediates Inflammation and Tissue Injury in Nephrotoxicity. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 923-932.	6.1	269
5	Cisplatin-induced nephrotoxicity is mediated by tumor necrosis factor- α produced by renal parenchymal cells. <i>Kidney International</i> , 2007, 72, 37-44.	5.2	251
6	TNFR2-mediated apoptosis and necrosis in cisplatin-induced acute renal failure. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 285, F610-F618.	2.7	237
7	p38 MAP kinase inhibition ameliorates cisplatin nephrotoxicity in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, F166-F174.	2.7	230
8	Salicylate reduces cisplatin nephrotoxicity by inhibition of tumor necrosis factor- α . <i>Kidney International</i> , 2004, 65, 490-498.	5.2	175
9	Inflammatory cytokines in acute renal failure. <i>Kidney International</i> , 2004, 66, S56-S61.	5.2	161
10	Netrin-1 and kidney injury. I. Netrin-1 protects against ischemia-reperfusion injury of the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F739-F747.	2.7	113
11	Netrin-1 Regulates Th1/Th2/Th17 Cytokine Production and Inflammation through UNC5B Receptor and Protects Kidney against Ischemia- α Reperfusion Injury. <i>Journal of Immunology</i> , 2010, 185, 3750-3758.	0.8	111
12	Netrin-1 and kidney injury. II. Netrin-1 is an early biomarker of acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F731-F738.	2.7	105
13	NADPH Oxidase 4 Is Expressed in Pulmonary Artery Adventitia and Contributes to Hypertensive Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1704-1715.	2.4	103
14	Bax and Bak have critical roles in ischemic acute kidney injury in global and proximal tubule- α specific knockout mouse models. <i>Kidney International</i> , 2013, 84, 138-148.	5.2	100
15	MicroRNA-150 protects the mouse heart from ischaemic injury by regulating cell death. <i>Cardiovascular Research</i> , 2015, 106, 387-397.	3.8	100
16	Low-Dose IL-17 Therapy Prevents and Reverses Diabetic Nephropathy, Metabolic Syndrome, and Associated Organ Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 745-765.	6.1	96
17	Endotoxin and cisplatin synergistically induce renal dysfunction and cytokine production in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F325-F332.	2.7	88
18	Urinary Netrin-1 Is an Early Predictive Biomarker of Acute Kidney Injury after Cardiac Surgery. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 395-401.	4.5	88

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19	Netrin-1 regulates the inflammatory response of neutrophils and macrophages, and suppresses ischemic acute kidney injury by inhibiting COX-2-mediated PGE2 production. <i>Kidney International</i> , 2013, 83, 1087-1098.	5.2	85
20	Netrin-1-treated macrophages protect the kidney against ischemia-reperfusion injury and suppress inflammation by inducing M2 polarization. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F948-F957.	2.7	81
21	Diminished NO generation by injured endothelium and loss of macula densa nNOS may contribute to sustained acute kidney injury after ischemia-reperfusion. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F25-F33.	2.7	76
22	Netrin-1 Overexpression Protects Kidney from Ischemia Reperfusion Injury by Suppressing Apoptosis. <i>American Journal of Pathology</i> , 2009, 175, 1010-1018.	3.8	68
23	Kidney Proximal Tubular Epithelial-Specific Overexpression of Netrin-1 Suppresses Inflammation and Albuminuria through Suppression of COX-2-Mediated PGE2 Production in Streptozotocin-Induced Diabetic Mice. <i>American Journal of Pathology</i> , 2012, 181, 1991-2002.	3.8	64
24	TNF- α mediates increased susceptibility to ischemic AKI in diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F515-F521.	2.7	63
25	CXCR2 knockout mice are protected against DSS-colitis-induced acute kidney injury and inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F1422-F1427.	2.7	63
26	Homeostatic PPAR α Signaling Limits Inflammatory Responses to Commensal Microbiota in the Intestine. <i>Journal of Immunology</i> , 2016, 196, 4739-4749.	0.8	62
27	MicroRNA-150 deletion in mice protects kidney from myocardial infarction-induced acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F551-F558.	2.7	57
28	Endotoxin and cisplatin synergistically stimulate TNF- α production by renal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F812-F819.	2.7	54
29	Netrin-1 increases proliferation and migration of renal proximal tubular epithelial cells via the UNC5B receptor. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F723-F729.	2.7	52
30	Proximal tubule-specific overexpression of netrin-1 suppresses acute kidney injury-induced interstitial fibrosis and glomerulosclerosis through suppression of IL-6/STAT3 signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1054-F1065.	2.7	52
31	Plasma netrin-1 is a diagnostic biomarker of human cancers. <i>Biomarkers</i> , 2011, 16, 172-180.	1.9	50
32	Targeted disruption of the meprin metalloproteinase β gene protects against renal ischemia-reperfusion injury in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F480-F490.	2.7	49
33	Meprin A metalloproteases enhance renal damage and bladder inflammation after LPS challenge. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F135-F144.	2.7	45
34	Semaphorin 3A inactivation suppresses ischemia-reperfusion-induced inflammation and acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F183-F194.	2.7	43
35	Honey feeding protects kidney against cisplatin nephrotoxicity through suppression of inflammation. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 843-848.	1.9	42
36	Histone deacetylase-mediated silencing of AMWAP expression contributes to cisplatin nephrotoxicity. <i>Kidney International</i> , 2016, 89, 317-326.	5.2	42

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37	Netrin-1: A Novel Universal Biomarker of Human Kidney Injury. <i>Transplantation Proceedings</i> , 2010, 42, 1519-1522.	0.6	39
38	Semaphorin 3A Is a New Early Diagnostic Biomarker of Experimental and Pediatric Acute Kidney Injury. <i>PLoS ONE</i> , 2013, 8, e58446.	2.5	39
39	Chronic administration of EP4-selective agonist exacerbates albuminuria and fibrosis of the kidney in streptozotocin-induced diabetic mice through IL-6. <i>Laboratory Investigation</i> , 2013, 93, 933-945.	3.7	38
40	Cisplatin Increases TNF- α mRNA Stability in Kidney Proximal Tubule Cells. <i>Renal Failure</i> , 2006, 28, 583-592.	2.1	36
41	l-Citrulline Protects from Kidney Damage in Type 1 Diabetic Mice. <i>Frontiers in Immunology</i> , 2013, 4, 480.	4.8	34
42	Guidance Cue Netrin-1 and the Regulation of Inflammation in Acute and Chronic Kidney Disease. <i>Mediators of Inflammation</i> , 2014, 2014, 1-13.	3.0	32
43	Mouse Models and Methods for Studying Human Disease, Acute Kidney Injury (AKI). <i>Methods in Molecular Biology</i> , 2014, 1194, 421-436.	0.9	30
44	Impaired Wound Healing in Hypoxic Renal Tubular Cells: Roles of Hypoxia-Inducible Factor-1 and Glycogen Synthase Kinase 3 β /I χ 2-Catenin Signaling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 340, 176-184.	2.5	29
45	Netrin-1 regulates colon-kidney cross talk through suppression of IL-6 function in a mouse model of DSS-colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1187-F1197.	2.7	29
46	Intracellular Kinases Mediate Increased Translation and Secretion of Netrin-1 from Renal Tubular Epithelial Cells. <i>PLoS ONE</i> , 2011, 6, e26776.	2.5	29
47	Urinary semaphorin 3A correlates with diabetic proteinuria and mediates diabetic nephropathy and associated inflammation in mice. <i>Journal of Molecular Medicine</i> , 2014, 92, 1245-1256.	3.9	28
48	UNC5B Receptor Deletion Exacerbates Tissue Injury in Response to AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 239-249.	6.1	27
49	Netrin-1 is a novel regulator of vascular endothelial function in diabetes. <i>PLoS ONE</i> , 2017, 12, e0186734.	2.5	27
50	Netrin-1, a urinary proximal tubular injury marker, is elevated early in the time course of human diabetes. <i>Journal of Nephrology</i> , 2014, 27, 151-157.	2.0	23
51	Repulsive guidance cue semaphorin 3A in urine predicts the progression of acute kidney injury in adult patients from a mixed intensive care unit. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 73-80.	0.7	19
52	Tubular injury marker netrin-1 is elevated early in experimental diabetes. <i>Journal of Nephrology</i> , 2013, 26, 1055-1064.	2.0	19
53	Netrin-1 and Semaphorin 3A Predict the Development of Acute Kidney Injury in Liver Transplant Patients. <i>PLoS ONE</i> , 2014, 9, e107898.	2.5	18
54	Netrin-1 overexpression in kidney proximal tubular epithelium ameliorates cisplatin nephrotoxicity. <i>Laboratory Investigation</i> , 2011, 91, 1717-1726.	3.7	17

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55	Role of Netrin-1 Beyond the Brain: From Biomarker of Tissue Injury to Therapy for Inflammatory Diseases. <i>Recent Patents on Biomarkers</i> , 2012, 2, 202-208.	0.2	15
56	Segment-Specific Expression of Netrin-1 Receptors in Normal and Ischemic Mouse Kidney. <i>American Journal of Nephrology</i> , 2009, 30, 186-193.	3.1	14
57	Deletion of UNC5B in Kidney Epithelium Exacerbates Diabetic Nephropathy in Mice. <i>American Journal of Nephrology</i> , 2015, 41, 220-230.	3.1	10
58	UNC 5B receptor deletion exacerbates DSS induced colitis in mice by increasing epithelial cell apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1290-1299.	3.6	9
59	Increased urine semaphorin-3A is associated with renal damage in hypertensive patients with chronic kidney disease: a nested case-control study. <i>Journal of Nephrology</i> , 2015, 28, 315-320.	2.0	9
60	1005. <i>Critical Care Medicine</i> , 2013, 41, A252-A253.	0.9	0
61	Targeted disruption of the neprilysin gene results in decreased renal ischemia/reperfusion injury in mice. <i>FASEB Journal</i> , 2006, 20, .	0.5	0
62	Netrin-1 Over Expression Protects Kidney From Ischemia Reperfusion Injury By Suppressing Apoptosis. <i>FASEB Journal</i> , 2009, 23, 235.2.	0.5	0