William B Reeves

List of Publications by Year
in descending order

89 papers	7,217 citations	76326 40 h-index	56724 83 g-index
91 all docs	91 docs citations	91 times ranked	8128 citing authors

#	Article	IF	Citations
1	Mechanisms of Cisplatin Nephrotoxicity. Toxins, 2010, 2, 2490-2518.	3.4	1,235
2	TNF-Î± mediates chemokine and cytokine expression and renal injury in cisplatin nephrotoxicity. Journal of Clinical Investigation, 2002, 110, 835-842.	8.2	673
3	TNF-Î± mediates chemokine and cytokine expression and renal injury in cisplatin nephrotoxicity. Journal of Clinical Investigation, 2002, 110, 835-842.	8.2	370
4	TLR4 Signaling Mediates Inflammation and Tissue Injury in Nephrotoxicity. Journal of the American Society of Nephrology: JASN, 2008, 19, 923-932.	6.1	269
5	Cisplatin-induced nephrotoxicity is mediated by tumor necrosis factor-Î± produced by renal parenchymal cells. Kidney International, 2007, 72, 37-44.	5.2	251
6	Pathophysiology of diabetic kidney disease: impact of SGLT2 inhibitors. Nature Reviews Nephrology, 2021, 17, 319-334.	9.6	244
7	TNFR2-mediated apoptosis and necrosis in cisplatin-induced acute renal failure. American Journal of Physiology - Renal Physiology, 2003, 285, F610-F618.	2.7	237
8	p38 MAP kinase inhibition ameliorates cisplatin nephrotoxicity in mice. American Journal of Physiology - Renal Physiology, 2005, 289, F166-F174.	2.7	230
9	Transforming growth factor Î² contributes to progressive diabetic nephropathy. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 7667-7669.	7.1	214
10	Salicylate reduces cisplatin nephrotoxicity by inhibition of tumor necrosis factor-Î±. Kidney International, 2004, 65, 490-498.	5.2	175
11	Inflammatory cytokines in acute renal failure. Kidney International, 2004, 66, S56-S61.	5.2	161
12	Macrophage-derived tumor necrosis factor-Î± mediates diabetic renal injury. Kidney International, 2015, 88, 722-733.	5.2	143
13	The assessment, serial evaluation, and subsequent sequelae of acute kidney injury (ASSESS-AKI) study: design and methods. BMC Nephrology, 2010, 11, 22.	1.8	139
14	Renal Dendritic Cells Ameliorate Nephrotoxic Acute Kidney Injury. Journal of the American Society of Nephrology: JASN, 2010, 21, 53-63.	6.1	130
15	Macrophages directly mediate diabetic renal injury. American Journal of Physiology - Renal Physiology, 2013, 305, F1719-F1727.	2.7	122
16	Neutrophil peptidyl arginine deiminase-4 has a pivotal role in ischemia/reperfusion-induced acuteÂkidney injury. Kidney International, 2018, 93, 365-374.	5.2	116
17	Netrin-1 and kidney injury. I. Netrin-1 protects against ischemia-reperfusion injury of the kidney. American Journal of Physiology - Renal Physiology, 2008, 294, F739-F747.	2.7	113
18	Netrin-1 and kidney injury. II. Netrin-1 is an early biomarker of acute kidney injury. American Journal of Physiology - Renal Physiology, 2008, 294, F731-F738.	2.7	105

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19	Postâ€"Acute Kidney Injury Proteinuria and Subsequent Kidney Disease Progression. JAMA Internal Medicine, 2020, 180, 402.	5.1	98
20	TRPM2 mediates ischemic kidney injury and oxidant stress through RAC1. Journal of Clinical Investigation, 2014, 124, 4989-5001.	8.2	93
21	Developmental expression of sodium entry pathways in rat nephron. American Journal of Physiology - Renal Physiology, 1999, 276, F367-F381.	2.7	91
22	Endotoxin and cisplatin synergistically induce renal dysfunction and cytokine production in mice. American Journal of Physiology - Renal Physiology, 2007, 293, F325-F332.	2.7	88
23	Endogenous IL-10 Attenuates Cisplatin Nephrotoxicity: Role of Dendritic Cells. Journal of Immunology, 2010, 185, 4904-4911.	0.8	88
24	Lactate Elicits ER-Mitochondrial Mg2+ Dynamics to Integrate Cellular Metabolism. Cell, 2020, 183, 474-489.e17.	28.9	84
25	Na+:K+:2Clâ^' cotransport and the thick ascending limb. Kidney International, 1989, 36, 418-426.	5.2	77
26	A prospective cohort study of acute kidney injury and kidney outcomes, cardiovascularÂevents, and death. Kidney International, 2021, 99, 456-465.	5.2	72
27	Immunolocalization of NAD-dependent 11Î²-hydroxysteroid dehydrogenase in human kidney and colon. Kidney International, 1996, 49, 271-281.	5.2	69
28	Netrin-1 Overexpression Protects Kidney from Ischemia Reperfusion Injury by Suppressing Apoptosis. American Journal of Pathology, 2009, 175, 1010-1018.	3.8	68
29	Ultrasensitive Detection of Cytokines Enabled by Nanoscale ZnO Arrays. Analytical Chemistry, 2008, 80, 6594-6601.	6.5	66
30	TNF-Î± mediates increased susceptibility to ischemic AKI in diabetes. American Journal of Physiology - Renal Physiology, 2013, 304, F515-F521.	2.7	63
31	Urine Stability Studies for Novel Biomarkers of Acute KidneyÂInjury. American Journal of Kidney Diseases, 2014, 63, 567-572.	1.9	59
32	Endotoxin and cisplatin synergistically stimulate TNF-Î± production by renal epithelial cells. American Journal of Physiology - Renal Physiology, 2007, 292, F812-F819.	2.7	54
33	Netrin-1 increases proliferation and migration of renal proximal tubular epithelial cells via the UNC5B receptor. American Journal of Physiology - Renal Physiology, 2009, 296, F723-F729.	2.7	52
34	Renal Epithelial Chloride Channels. Annual Review of Physiology, 1992, 54, 29-50.	13.1	49
35	Targeted disruption of the meprin metalloproteinase Î² gene protects against renal ischemia-reperfusion injury in mice. American Journal of Physiology - Renal Physiology, 2008, 294, F480-F490.	2.7	49
36	Activation of potassium channels contributes to hypoxic injury in proximal tubules.. Journal of Clinical Investigation, 1994, 94, 2289-2294.	8.2	49

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37	Inhibition of PARP prevents oxidant-induced necrosis but not apoptosis in LLC-PK₁cells. American Journal of Physiology - Renal Physiology, 1999, 277, F428-F436.	2.7	48
38	Mitochondrial pyruvate and fatty acid flux modulate MICU1-dependent control of MCU activity. Science Signaling, 2020, 13, .	3.6	48
39	Therapeutic Modalities in Diabetic Nephropathy: Standard and Emerging Approaches. Journal of General Internal Medicine, 2012, 27, 458-468.	2.6	46
40	Meprin A metalloproteases enhance renal damage and bladder inflammation after LPS challenge. American Journal of Physiology - Renal Physiology, 2009, 296, F135-F144.	2.7	45
41	Activation of K+ channels in renal medullary vesicles by cAMP-dependent protein kinase. Journal of Membrane Biology, 1989, 109, 65-72.	2.1	42
42	Emerging Cytokine Biosensors with Optical Detection Modalities and Nanomaterial-Enabled Signal Enhancement. Sensors, 2017, 17, 428.	3.8	41
43	Quantitative analysis of creatinine in urine by metalized nanostructured parylene. Journal of Biomedical Optics, 2010, 15, 027004.	2.6	40
44	Cisplatin Increases TNF-Î± mRNA Stability in Kidney Proximal Tubule Cells. Renal Failure, 2006, 28, 583-592.	2.1	36
45	tPA Activates LDL Receptor-Related Protein 1-Mediated Mitogenic Signaling Involving the p90RSK and GSK3Î² Pathway. American Journal of Pathology, 2010, 177, 1687-1696.	3.8	32
46	Chloride Channels in the Loop of Henle. Annual Review of Physiology, 2001, 63, 631-645.	13.1	29
47	<i>Ehrlichia chaffeensis</i> in a Renal Transplant Recipient. American Journal of Nephrology, 1999, 19, 674-676.	3.1	27
48	Podocyte-specific chemokine (C-C motif) receptor 2Âoverexpression mediates diabetic renal injury inÂmice. Kidney International, 2017, 91, 671-682.	5.2	27
49	SARS-CoV-2 infection enhances mitochondrial PTP complex activity to perturb cardiac energetics. IScience, 2022, 25, 103722.	4.1	27
50	Clâˆ’ channels in basolateral renal medullary memnbranes: III. Determinants of single-channel activity. Journal of Membrane Biology, 1990, 118, 269-278.	2.1	26
51	Clâˆ’ channels in basolateral renal medullary membrane vesicles: IV. Analogous channel activation by Clâˆ’ or cAMP-dependent protein kinase. Journal of Membrane Biology, 1991, 122, 89-95.	2.1	25
52	Villin and actin in the mouse kidney brush-border membrane bind to and are degraded by meprins, an interaction that contributes to injury in ischemia-reperfusion. American Journal of Physiology - Renal Physiology, 2011, 301, F871-F882.	2.7	25
53	Dendritic Cell Protection from Cisplatin Nephrotoxicity Is Independent of Neutrophils. Toxins, 2015, 7, 3245-3256.	3.4	25
54	Clâˆ’ transport in basolateral renal medullary vesicles: II. Clâˆ’ channels in planar lipid bilayers. Journal of Membrane Biology, 1990, 113, 57-65.	2.1	23

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55	Myeloid-Derived Tissue-Type Plasminogen Activator Promotes Macrophage Motility through FAK, Rac1, and NF-ÎºB Pathways. American Journal of Pathology, 2014, 184, 2757-2767.	3.8	22
56	Remote calorimetric detection of urea via flow injection analysis. Analyst, The, 2015, 140, 8033-8040.	3.5	22
57	Protective role of small pigment epithelium-derived factor (PEDF) peptide in diabetic renal injury. American Journal of Physiology - Renal Physiology, 2013, 305, F891-F900.	2.7	20
58	Arginase-2 mediates renal ischemia-reperfusion injury. American Journal of Physiology - Renal Physiology, 2017, 313, F522-F534.	2.7	20
59	Cl- channels in basolateral renal medullary vesicles X. Cloning of a Cl- channel from rabbit outer medulla. Kidney International, 1995, 48, 1828-1836.	5.2	19
60	Cl^{âˆ’} channels in basolateral renal medullary membranes XII. Anti-rbClC-Ka antibody blocks MTAL Cl^{âˆ’}channels. American Journal of Physiology - Renal Physiology, 1997, 273, F1030-F1038.	2.7	19
61	Calorimetric Biosensing System for Quantification of Urinary Creatinine. ACS Sensors, 2017, 2, 796-802.	7.8	19
62	Cl? channels in basolateral renal medullary vesicles: V. Comparison of basolateral mTALH Cl? channels with apical Cl? channels from jejunum and trachea. Journal of Membrane Biology, 1992, 128, 27-39.	2.1	18
63	Storage Time and Urine Biomarker Levels in the ASSESS-AKI Study. PLoS ONE, 2016, 11, e0164832.	2.5	18
64	Ultratrace level determination and quantitative analysis of kidney injury biomarkers in patient samples attained by zinc oxide nanorods. Nanoscale, 2016, 8, 4613-4622.	5.6	18
65	Effects of chloride channel blockers on hypoxic injury in rat proximal tubules. Kidney International, 1997, 51, 1529-1534.	5.2	16
66	IL-10 from dendritic cells but not from T regulatory cells protects against cisplatin-induced nephrotoxicity. PLoS ONE, 2020, 15, e0238816.	2.5	16
67	Angiopoietins as Prognostic Markers for Future Kidney Disease and Heart Failure Events after Acute Kidney Injury. Journal of the American Society of Nephrology: JASN, 2022, 33, 613-627.	6.1	16
68	Acute Anaphylactoid Reactions in Hemodialysis. American Journal of Kidney Diseases, 1985, 5, 132-135.	1.9	15
69	Clâˆ’ transport in basolateral renal medullary vesicles: I. Clâˆ’ transport in intact vesicles. Journal of Membrane Biology, 1990, 113, 49-56.	2.1	15
70	Effects of chloride channel inhibitors on H₂O₂-induced renal epithelial cell injury. American Journal of Physiology - Renal Physiology, 2000, 278, F83-F90.	2.7	15
71	Selective inhibition of arginase-2 in endothelial cells but not proximal tubules reduces renal fibrosis. JCI Insight, 2020, 5, .	5.0	14
72	Cl- channels in basolateral TAL membranes: XIII. Heterogeneity between basolateral MTAL and CTAL Cl- channels. Kidney International, 1999, 55, 593-601.	5.2	13

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73	Neutrophils in cisplatin AKIâ€"mediator or marker?. Kidney International, 2017, 92, 11-13.	5.2	13
74	Cl? channels in basolateral renal medullary membranes: VII. Characterization of the intracellular anion binding sites. Journal of Membrane Biology, 1993, 135, 145-52.	2.1	12
75	Cl âˆ' Channels in Basolateral TAL Membranes XV. Molecular Heterogeneity Between Cortical and Medullary Channels. Journal of Membrane Biology, 2000, 177, 221-230.	2.1	9
76	Cl- channels in basolateral TAL membranes. XIV. Kinetic properties of a basolateral MTAL Cl- channel. Kidney International, 1999, 55, 1444-1449.	5.2	8
77	Chloride channels in renal epithelial cells. Current Opinion in Nephrology and Hypertension, 1996, 5, 406-410.	2.0	6
78	Delayed hemolytic transfusion reaction in sickle cell anemia. Transfusion, 1980, 20, 477-477.	1.6	5
79	Considerations in Controlling for Urine Concentration for Biomarkers of Kidney Disease Progression After Acute Kidney Injury. Kidney International Reports, 2022, 7, 1502-1513.	0.8	5
80	Sodium Chloride Transport in the Loop of Henle, Distal Convoluted Tubule, and Collecting Duct. , 2008, , 849-887.		4
81	NODding off in acute kidney injury with progranulin?. Kidney International, 2015, 87, 873-875.	5.2	4
82	Of mice and women: do sex-dependent responses to ischemia-reperfusion injury in rodents have implications for delayed graft function in humans?. Kidney International, 2016, 90, 10-13.	5.2	4
83	The sweetest thing: blocking fructose metabolism to prevent acute kidney injury?. Kidney International, 2017, 91, 998-1000.	5.2	4
84	Effects of General Anesthesia on 2 Urinary Biomarkers of Kidney Injuryâ€"Hepatitis A Virus Cellular Receptor 1 and Lipocalin 2â€"in Male C57BL/6J Mice. Journal of the American Association for Laboratory Animal Science, 2019, 58, 21-29.	1.2	4
85	INNATE IMMUNITY IN NEPHROTOXIC ACUTE KIDNEY INJURY. Transactions of the American Clinical and Climatological Association, 2019, 130, 33-40.	0.5	3
86	Clâˆ' channels in basolateral renal medullary vesicles VIII. Partial purification and functional reconstitution of basolateral mTAL Clâˆ' channels. Kidney International, 1994, 45, 803-810.	5.2	1
87	Impact of Computerized Order Entry and Pre-mixed Dialysis Solutions for Continuous Veno-Venous Hemodiafiltration on Selection of Therapy for Acute Renal Failure. Journal of Medical Systems, 2012, 36, 223-231.	3.6	0
88	Targeted disruption of the meprin beta gene results in decreased renal ischemia/reperfusion injury in mice. FASEB Journal, 2006, 20, .	0.5	0
89	Meprin metalloproteases play a role in host response to urinary tract infection. FASEB Journal, 2007, 21, A279.	0.5	0