

# Joseph V Bonventre

## List of Publications by Citations

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264  
papers

33,214  
citations

87  
h-index

180  
g-index

281  
ext. papers

38,158  
ext. citations

9.1  
avg, IF

7.57  
L-index

#	Paper	IF	Citations
264	Acute kidney injury, mortality, length of stay, and costs in hospitalized patients. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2005</b> , 16, 3365-70	12.7	2350
263	Acute renal failure. <i>New England Journal of Medicine</i> , <b>1996</b> , 334, 1448-60	59.2	1395
262	Cellular pathophysiology of ischemic acute kidney injury. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 4210-24	39	1181
261	Kidney Injury Molecule-1 (KIM-1): a novel biomarker for human renal proximal tubule injury. <i>Kidney International</i> , <b>2002</b> , 62, 237-44	9.9	1168
260	Fate tracing reveals the pericyte and not epithelial origin of myofibroblasts in kidney fibrosis. <i>American Journal of Pathology</i> , <b>2010</b> , 176, 85-97	5.8	1072
259	Kidney injury molecule-1 (KIM-1), a putative epithelial cell adhesion molecule containing a novel immunoglobulin domain, is up-regulated in renal cells after injury. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 4135-42	5.4	870
258	Epithelial cell cycle arrest in G2/M mediates kidney fibrosis after injury. <i>Nature Medicine</i> , <b>2010</b> , 16, 535-43, 1p following 143	50.5	806
257	Biomarkers of acute kidney injury. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2008</b> , 48, 463-93	17.9	775
256	Reduced fertility and postischemic brain injury in mice deficient in cytosolic phospholipase A2. <i>Nature</i> , <b>1997</b> , 390, 622-5	50.4	746
255	Intrinsic epithelial cells repair the kidney after injury. <i>Cell Stem Cell</i> , <b>2008</b> , 2, 284-91	18	651
254	Recent advances in the pathophysiology of ischemic acute renal failure. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2003</b> , 14, 2199-210	12.7	580
253	Ischemic acute renal failure: an inflammatory disease?. <i>Kidney International</i> , <b>2004</b> , 66, 480-5	9.9	573
252	Kidney injury molecule-1 is a phosphatidylserine receptor that confers a phagocytic phenotype on epithelial cells. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 1657-68	15.9	508
251	Kidney injury molecule-1: a tissue and urinary biomarker for nephrotoxicant-induced renal injury. <i>American Journal of Physiology - Renal Physiology</i> , <b>2004</b> , 286, F552-63	4.3	478
250	Nephron organoids derived from human pluripotent stem cells model kidney development and injury. <i>Nature Biotechnology</i> , <b>2015</b> , 33, 1193-200	44.5	476
249	Urinary kidney injury molecule-1: a sensitive quantitative biomarker for early detection of kidney tubular injury. <i>American Journal of Physiology - Renal Physiology</i> , <b>2006</b> , 290, F517-29	4.3	471
248	Restoration of tubular epithelial cells during repair of the postischemic kidney occurs independently of bone marrow-derived stem cells. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 1743-55	15.9	471

247	Kidney injury molecule-1 outperforms traditional biomarkers of kidney injury in preclinical biomarker qualification studies. <i>Nature Biotechnology</i> , <b>2010</b> , 28, 478-85	44.5	465
246	Dedifferentiation and proliferation of surviving epithelial cells in acute renal failure. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2003</b> , 14 Suppl 1, S55-61	12.7	456
245	Global kidney health 2017 and beyond: a roadmap for closing gaps in care, research, and policy. <i>Lancet, The</i> , <b>2017</b> , 390, 1888-1917	40	419
244	Creatinine kinetics and the definition of acute kidney injury. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 672-9	12.7	411
243	Modelling kidney disease with CRISPR-mutant kidney organoids derived from human pluripotent epiblast spheroids. <i>Nature Communications</i> , <b>2015</b> , 6, 8715	17.4	410
242	Mechanisms of ischemic acute renal failure. <i>Kidney International</i> , <b>1993</b> , 43, 1160-78	9.9	396
241	Urinary N-acetyl-beta-(D)-glucosaminidase activity and kidney injury molecule-1 level are associated with adverse outcomes in acute renal failure. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2007</b> , 18, 904-12	12.7	392
240	Next-generation biomarkers for detecting kidney toxicity. <i>Nature Biotechnology</i> , <b>2010</b> , 28, 436-40	44.5	388
239	Mechanisms of maladaptive repair after AKI leading to accelerated kidney ageing and CKD. <i>Nature Reviews Nephrology</i> , <b>2015</b> , 11, 264-76	14.9	378
238	Acute Kidney Injury. <i>Annual Review of Medicine</i> , <b>2016</b> , 67, 293-307	17.4	371
237	Targeted proximal tubule injury triggers interstitial fibrosis and glomerulosclerosis. <i>Kidney International</i> , <b>2012</b> , 82, 172-83	9.9	299
236	Flow-enhanced vascularization and maturation of kidney organoids in vitro. <i>Nature Methods</i> , <b>2019</b> , 16, 255-262	21.6	294
235	Resolvin D series and protectin D1 mitigate acute kidney injury. <i>Journal of Immunology</i> , <b>2006</b> , 177, 5902-5911	3.3	288
234	Normalization of urinary biomarkers to creatinine during changes in glomerular filtration rate. <i>Kidney International</i> , <b>2010</b> , 78, 486-94	9.9	274
233	Mesenchymal stem cells in acute kidney injury. <i>Annual Review of Medicine</i> , <b>2008</b> , 59, 311-25	17.4	268
232	Repair of injured proximal tubule does not involve specialized progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 9226-31	11.5	261
231	Urinary biomarkers for sensitive and specific detection of acute kidney injury in humans. <i>Clinical and Translational Science</i> , <b>2008</b> , 1, 200-8	4.9	256
230	Blood kidney injury molecule-1 is a biomarker of acute and chronic kidney injury and predicts progression to ESRD in type I diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2014</b> , 25, 2177-86	12.7	250

229	Shedding of kidney injury molecule-1, a putative adhesion protein involved in renal regeneration. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 39739-48	5.4	248
228	Prevention of kidney ischemia/reperfusion-induced functional injury and JNK, p38, and MAPK kinase activation by remote ischemic pretreatment. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 11870-6	5.4	247
227	Progression after AKI: Understanding Maladaptive Repair Processes to Predict and Identify Therapeutic Treatments. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 687-97	12.7	238
226	Cell biology and molecular mechanisms of injury in ischemic acute renal failure. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2000</b> , 9, 427-34	3.5	228
225	Comparison of kidney injury molecule-1 and other nephrotoxicity biomarkers in urine and kidney following acute exposure to gentamicin, mercury, and chromium. <i>Toxicological Sciences</i> , <b>2008</b> , 101, 159-70	4.4	224
224	Biomarkers of nephrotoxic acute kidney injury. <i>Toxicology</i> , <b>2008</b> , 245, 182-93	4.4	211
223	Chronic epithelial kidney injury molecule-1 expression causes murine kidney fibrosis. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 4023-35	15.9	207
222	Pediatric Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): Clinical Presentation, Infectivity, and Immune Responses. <i>Journal of Pediatrics</i> , <b>2020</b> , 227, 45-52.e5	3.6	192
221	Imperfect gold standards for kidney injury biomarker evaluation. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2012</b> , 23, 13-21	12.7	190
220	Comparative analysis of urinary biomarkers for early detection of acute kidney injury following cardiopulmonary bypass. <i>Biomarkers</i> , <b>2009</b> , 14, 423-31	2.6	182
219	Cytosolic phospholipase A2s crucial for on-time embryo implantation that directs subsequent development. <i>Development (Cambridge)</i> , <b>2002</b> , 129, 2879-2889	6.6	180
218	Amine-modified single-walled carbon nanotubes protect neurons from injury in a rat stroke model. <i>Nature Nanotechnology</i> , <b>2011</b> , 6, 121-125	28.7	178
217	KIM-1-mediated phagocytosis reduces acute injury to the kidney. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 1620-36	15.9	178
216	Prediction of DNA Repair Inhibitor Response in Short-Term Patient-Derived Ovarian Cancer Organoids. <i>Cancer Discovery</i> , <b>2018</b> , 8, 1404-1421	24.4	168
215	Protection of renal epithelial cells against oxidative injury by endoplasmic reticulum stress preconditioning is mediated by ERK1/2 activation. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 29317-26	5.4	166
214	Regression of microalbuminuria in type 1 diabetes is associated with lower levels of urinary tubular injury biomarkers, kidney injury molecule-1, and N-acetyl-D-glucosaminidase. <i>Kidney International</i> , <b>2011</b> , 79, 464-70	9.9	161
213	Tubular damage in chronic systolic heart failure is associated with reduced survival independent of glomerular filtration rate. <i>Heart</i> , <b>2010</b> , 96, 1297-302	5.1	159
212	Kidney tubular epithelium is restored without replacement with bone marrow-derived cells during repair after ischemic injury. <i>Kidney International</i> , <b>2005</b> , 68, 1956-61	9.9	159

211	Inducible nitric-oxide synthase is an important contributor to prolonged protective effects of ischemic preconditioning in the mouse kidney. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 27256-66	5.4	158
210	Biologic markers for the early detection of acute kidney injury. <i>Current Opinion in Critical Care</i> , <b>2004</b> , 10, 476-82	3.5	153
209	Renal injury is a third hit promoting rapid development of adult polycystic kidney disease. <i>Human Molecular Genetics</i> , <b>2009</b> , 18, 2523-31	5.6	146
208	Uremic solutes and risk of end-stage renal disease in type 2 diabetes: metabolomic study. <i>Kidney International</i> , <b>2014</b> , 85, 1214-24	9.9	141
207	Can we target tubular damage to prevent renal function decline in diabetes?. <i>Seminars in Nephrology</i> , <b>2012</b> , 32, 452-62	4.8	141
206	Stress-activated protein kinases in cardiovascular disease. <i>Circulation Research</i> , <b>1996</b> , 78, 947-53	15.7	141
205	Human kidney injury molecule-1 is a tissue and urinary tumor marker of renal cell carcinoma. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2005</b> , 16, 1126-34	12.7	140
204	Tubular kidney injury molecule-1 in protein-overload nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , <b>2006</b> , 291, F456-64	4.3	138
203	Kidney ischemic preconditioning. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2002</b> , 11, 43-8	3.5	138
202	Worsening Renal Function in Patients With Acute Heart Failure Undergoing Aggressive Diuresis Is Not Associated With Tubular Injury. <i>Circulation</i> , <b>2018</b> , 137, 2016-2028	16.7	137
201	High urinary excretion of kidney injury molecule-1 is an independent predictor of graft loss in renal transplant recipients. <i>Transplantation</i> , <b>2007</b> , 84, 1625-30	1.8	134
200	Prevention of kidney ischemia/reperfusion-induced functional injury, MAPK and MAPK kinase activation, and inflammation by remote transient ureteral obstruction. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 2040-9	5.4	134
199	Acute renal failure in zebrafish: a novel system to study a complex disease. <i>American Journal of Physiology - Renal Physiology</i> , <b>2005</b> , 288, F923-9	4.3	133
198	Sitagliptin Treatment at the Time of Hospitalization Was Associated With Reduced Mortality in Patients With Type 2 Diabetes and COVID-19: A Multicenter, Case-Control, Retrospective, Observational Study. <i>Diabetes Care</i> , <b>2020</b> , 43, 2999-3006	14.6	133
197	Specific physiological roles of cytosolic phospholipase A(2) as defined by gene knockouts. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2000</b> , 1488, 139-48	5	127
196	Polarity, integrin, and extracellular matrix dynamics in the postischemic rat kidney. <i>American Journal of Physiology - Cell Physiology</i> , <b>1998</b> , 275, C711-31	5.4	126
195	Cross-talk between cytosolic phospholipase A2 alpha (cPLA2 alpha) and secretory phospholipase A2 (sPLA2) in hydrogen peroxide-induced arachidonic acid release in murine mesangial cells: sPLA2 regulates cPLA2 alpha activity that is responsible for arachidonic acid release. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 24153-63	5.4	121
194	Urinary liver-type fatty acid-binding protein predicts adverse outcomes in acute kidney injury. <i>Kidney International</i> , <b>2010</b> , 77, 708-14	9.9	116

193	Cytosolic phospholipase A2 (PLA2), but not secretory PLA2, potentiates hydrogen peroxide cytotoxicity in kidney epithelial cells. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 21505-13	5.4	116
192	HIF in kidney disease and development. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 1877-87	12.7	109
191	Defect in regulatory B-cell function and development of systemic autoimmunity in T-cell Ig mucin 1 (Tim-1) mucin domain-mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 12105-10	11.5	108
190	Cell cycle arrest and the evolution of chronic kidney disease from acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , <b>2015</b> , 30, 575-83	4.3	107
189	Generation of nephron progenitor cells and kidney organoids from human pluripotent stem cells. <i>Nature Protocols</i> , <b>2017</b> , 12, 195-207	18.8	105
188	Shedding of the urinary biomarker kidney injury molecule-1 (KIM-1) is regulated by MAP kinases and juxtamembrane region. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2007</b> , 18, 2704-14	12.7	100
187	Kidney injury molecule-1 expression in murine polycystic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , <b>2002</b> , 283, F1326-36	4.3	100
186	Kidney Injury Molecule-1 (KIM-1): a specific and sensitive biomarker of kidney injury. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2008</b> , 241, 78-83	2	97
185	Expression of kidney injury molecule-1 (Kim-1) in relation to necrosis and apoptosis during the early stages of Cd-induced proximal tubule injury. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 238, 306-14	4.6	95
184	Pathophysiology of acute kidney injury to chronic kidney disease: maladaptive repair. <i>Contributions To Nephrology</i> , <b>2011</b> , 174, 149-155	1.6	94
183	Mice deficient in group IV cytosolic phospholipase A2 are resistant to MPTP neurotoxicity. <i>Journal of Neurochemistry</i> , <b>1998</b> , 71, 2634-7	6	94
182	Performance of novel kidney biomarkers in preclinical toxicity studies. <i>Toxicological Sciences</i> , <b>2010</b> , 116, 8-22	4.4	93
181	Pathophysiology of AKI: injury and normal and abnormal repair. <i>Contributions To Nephrology</i> , <b>2010</b> , 165, 9-17	1.6	91
180	Effect of renin-angiotensin-aldosterone system inhibition, dietary sodium restriction, and/or diuretics on urinary kidney injury molecule 1 excretion in nondiabetic proteinuric kidney disease: a post hoc analysis of a randomized controlled trial. <i>American Journal of Kidney Diseases</i> , <b>2009</b> , 53, 16-25	7.4	88
179	Kidney injury molecule-1. <i>Current Opinion in Critical Care</i> , <b>2010</b> , 16, 556-61	3.5	88
178	Interleukin-1 Activates a MYC-Dependent Metabolic Switch in Kidney Stromal Cells Necessary for Progressive Tubulointerstitial Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2018</b> , 29, 1690-1705	12.7	84
177	Associations of urinary levels of kidney injury molecule 1 (KIM-1) and neutrophil gelatinase-associated lipocalin (NGAL) with kidney function decline in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>American Journal of Kidney Diseases</i> , <b>2012</b> , 60, 904-11	7.4	84
176	Kidney Organoids: A Translational Journey. <i>Trends in Molecular Medicine</i> , <b>2017</b> , 23, 246-263	11.5	82

175	Cellular Senescence in the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2019</b> , 30, 726-736	62.7	82
174	Mineralocorticoid receptor blockade confers renoprotection in preexisting chronic cyclosporine nephrotoxicity. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 292, F131-9	4.3	81
173	Cytosolic phospholipase A2alpha is crucial [correction of A2alpha deficiency is crucial] for 'on-time' embryo implantation that directs subsequent development. <i>Development (Cambridge)</i> , <b>2002</b> , 129, 2879-89	6.6	81
172	Acute Kidney Injury and Progression of Diabetic Kidney Disease. <i>Advances in Chronic Kidney Disease</i> , <b>2018</b> , 25, 166-180	4.7	79
171	Acute and long-term disruption of glycometabolic control after SARS-CoV-2 infection. <i>Nature Metabolism</i> , <b>2021</b> , 3, 774-785	14.6	78
170	The aging kidney: increased susceptibility to nephrotoxicity. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 15358-76	6.3	76
169	Diagnosis of acute kidney injury: from classic parameters to new biomarkers. <i>Contributions To Nephrology</i> , <b>2007</b> , 156, 213-9	1.6	73
168	Increased plasma kidney injury molecule-1 suggests early progressive renal decline in non-proteinuric patients with type 1 diabetes. <i>Kidney International</i> , <b>2016</b> , 89, 459-67	9.9	68
167	ADAM17 substrate release in proximal tubule drives kidney fibrosis. <i>JCI Insight</i> , <b>2016</b> , 1,	9.9	68
166	Mediators of ischemic renal injury. <i>Annual Review of Medicine</i> , <b>1988</b> , 39, 531-44	17.4	67
165	Reduction of proteinuria in adriamycin-induced nephropathy is associated with reduction of renal kidney injury molecule (Kim-1) over time. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 296, F1136-45	4.3	66
164	Decreased lung tumorigenesis in mice genetically deficient in cytosolic phospholipase A2. <i>Carcinogenesis</i> , <b>2004</b> , 25, 1517-24	4.6	66
163	Acute kidney injury and chronic kidney disease: From the laboratory to the clinic. <i>Nephrologie Et Therapeutique</i> , <b>2016</b> , 12 Suppl 1, S41-8	0.6	62
162	Preclinical evaluation of novel urinary biomarkers of cadmium nephrotoxicity. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 238, 301-5	4.6	62
161	Phospholipases A2 in ischemic and toxic brain injury. <i>Neurochemical Research</i> , <b>2000</b> , 25, 745-53	4.6	61
160	PLIP, a novel splice variant of Tip60, interacts with group IV cytosolic phospholipase A(2), induces apoptosis, and potentiates prostaglandin production. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 4470-81	4.8	60
159	Markers of early progressive renal decline in type 2 diabetes suggest different implications for etiological studies and prognostic tests development. <i>Kidney International</i> , <b>2018</b> , 93, 1198-1206	9.9	59
158	KIM-1-/TIM-1-mediated phagocytosis links ATG5-/ULK1-dependent clearance of apoptotic cells to antigen presentation. <i>EMBO Journal</i> , <b>2015</b> , 34, 2441-64	13	58

157	Primary proximal tubule injury leads to epithelial cell cycle arrest, fibrosis, vascular rarefaction, and glomerulosclerosis. <i>Kidney International Supplements</i> , <b>2014</b> , 4, 39-44	6.3	58
156	Pathophysiology of acute kidney injury: roles of potential inhibitors of inflammation. <i>Contributions To Nephrology</i> , <b>2007</b> , 156, 39-46	1.6	58
155	The 85-kD cytosolic phospholipase A2 knockout mouse: a new tool for physiology and cell biology. <i>Journal of the American Society of Nephrology: JASN</i> , <b>1999</b> , 10, 404-12	12.7	57
154	Circulating Modified Metabolites and a Risk of ESRD in Patients With Type 1 Diabetes and Chronic Kidney Disease. <i>Diabetes Care</i> , <b>2017</b> , 40, 383-390	14.6	56
153	Induction of kidney injury molecule-1 in homozygous Ren2 rats is attenuated by blockade of the renin-angiotensin system or p38 MAP kinase. <i>American Journal of Physiology - Renal Physiology</i> , <b>2007</b> , 292, F313-20	4.3	56
152	Mechanistic biomarkers for cytotoxic acute kidney injury. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2006</b> , 2, 697-713	5.5	56
151	Cyclin G1 and TASC2 regulate kidney epithelial cell G-M arrest and fibrotic maladaptive repair. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	55
150	Urinary kidney injury molecule-1 and monocyte chemoattractant protein-1 are noninvasive biomarkers of cisplatin-induced nephrotoxicity in lung cancer patients. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2015</b> , 76, 989-96	3.5	55
149	Tubular expression of KIM-1 does not predict delayed function after transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2010</b> , 21, 536-42	12.7	55
148	Fibroblast growth factor 23 levels are elevated and associated with severe acute kidney injury and death following cardiac surgery. <i>Kidney International</i> , <b>2016</b> , 89, 939-48	9.9	54
147	Nitric Oxide Decreases Acute Kidney Injury and Stage 3 Chronic Kidney Disease after Cardiac Surgery. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 1279-1287	10.2	54
146	Renal tubular arachidonic acid metabolism. <i>Kidney International</i> , <b>1991</b> , 39, 438-49	9.9	54
145	The intensive care medicine agenda on acute kidney injury. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1198-1209	14.5	53
144	Acute kidney injury: a problem of definition. <i>Lancet, The</i> , <b>2017</b> , 389, 779-781	4.0	53
143	Urine biomarkers of tubular injury do not improve on the clinical model predicting chronic kidney disease progression. <i>Kidney International</i> , <b>2017</b> , 91, 196-203	9.9	53
142	Kidney preservation ex vivo for transplantation. <i>Annual Review of Medicine</i> , <b>1992</b> , 43, 523-53	17.4	53
141	Biomarkers for the diagnosis of acute kidney injury. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2007</b> , 16, 557-64	3.5	52
140	Maladaptive proximal tubule repair: cell cycle arrest. <i>Nephron Clinical Practice</i> , <b>2014</b> , 127, 61-4		51



139	The contribution of adult stem cells to renal repair. <i>Nephrologie Et Therapeutique</i> , <b>2007</b> , 3, 3-10	0.6	49
138	Haptoglobin or Hemopexin Therapy Prevents Acute Adverse Effects of Resuscitation After Prolonged Storage of Red Cells. <i>Circulation</i> , <b>2016</b> , 134, 945-60	16.7	48
137	Kim-1/Tim-1 and immune cells: shifting sands. <i>Kidney International</i> , <b>2012</b> , 81, 809-11	9.9	47
136	Cytosolic phospholipase A(2) regulates golgi structure and modulates intracellular trafficking of membrane proteins. <i>Journal of Clinical Investigation</i> , <b>2000</b> , 106, 983-93	15.9	47
135	Novel assays for detection of urinary KIM-1 in mouse models of kidney injury. <i>Toxicological Sciences</i> , <b>2013</b> , 131, 13-25	4.4	46
134	Expression of NCAM recapitulates tubulogenic development in kidneys recovering from acute ischemia. <i>American Journal of Physiology - Renal Physiology</i> , <b>1999</b> , 277, F454-63	4.3	45
133	Reference intervals for urinary renal injury biomarkers KIM-1 and NGAL in healthy children. <i>Biomarkers in Medicine</i> , <b>2014</b> , 8, 1189-97	2.3	44
132	Renal concentrating defect in mice lacking group IV cytosolic phospholipase A(2). <i>American Journal of Physiology - Renal Physiology</i> , <b>2001</b> , 280, F607-18	4.3	43
131	Proximal tubule ATR regulates DNA repair to prevent maladaptive renal injury responses. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 4797-4816	15.9	43
130	AKI: a path forward. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2013</b> , 8, 1606-8	6.9	42
129	Noninvasive Renal Diagnostic Studies. <i>Clinics in Laboratory Medicine</i> , <b>1988</b> , 8, 507-526	2.1	38
128	The utility of a rodent model in detecting pediatric drug-induced nephrotoxicity. <i>Toxicological Sciences</i> , <b>2007</b> , 99, 637-48	4.4	37
127	Cytosolic phospholipase A2alpha regulates induction of brain cyclooxygenase-2 in a mouse model of inflammation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 288, R1774-82	3.2	37
126	Cisplatin-induced renal inflammation is ameliorated by cilastatin nephroprotection. <i>Nephrology Dialysis Transplantation</i> , <b>2017</b> , 32, 1645-1655	4.3	36
125	Relationship of proximal tubular injury to chronic kidney disease as assessed by urinary kidney injury molecule-1 in five cohort studies. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, 1460-70	4.3	35
124	Polymorphism of host response genes: implications in the pathogenesis and treatment of acute renal failure. <i>Kidney International</i> , <b>2005</b> , 67, 14-33	9.9	35
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