

Joseph V Bonventre

List of Publications by Year in descending order

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269
papers

42,373
citations

2797

94
h-index

2277

200
g-index

281
all docs

281
docs citations

281
times ranked

33249
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute Kidney Injury, Mortality, Length of Stay, and Costs in Hospitalized Patients. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 3365-3370.	3.0	2,887
2	Acute Renal Failure. <i>New England Journal of Medicine</i> , 1996, 334, 1448-1460.	13.9	1,545
3	Cellular pathophysiology of ischemic acute kidney injury. <i>Journal of Clinical Investigation</i> , 2011, 121, 4210-4221.	3.9	1,504
4	Kidney Injury Molecule-1 (KIM-1): A novel biomarker for human renal proximal tubule injury. <i>Kidney International</i> , 2002, 62, 237-244.	2.6	1,488
5	Fate Tracing Reveals the Pericyte and Not Epithelial Origin of Myofibroblasts in Kidney Fibrosis. <i>American Journal of Pathology</i> , 2010, 176, 85-97.	1.9	1,281
6	Epithelial cell cycle arrest in G2/M mediates kidney fibrosis after injury. <i>Nature Medicine</i> , 2010, 16, 535-543.	15.2	1,049
7	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> , 1998, 273, 4135-4142.	1.6	1,044
8	Biomarkers of Acute Kidney Injury. <i>Annual Review of Pharmacology and Toxicology</i> , 2008, 48, 463-493.	4.2	925
9	Reduced fertility and postischemic brain injury in mice deficient in cytosolic phospholipase A2. <i>Nature</i> , 1997, 390, 622-625.	13.7	830
10	Intrinsic Epithelial Cells Repair the Kidney after Injury. <i>Cell Stem Cell</i> , 2008, 2, 284-291.	5.2	752
11	Nephron organoids derived from human pluripotent stem cells model kidney development and injury. <i>Nature Biotechnology</i> , 2015, 33, 1193-1200.	9.4	694
12	Ischemic acute renal failure: An inflammatory disease?. <i>Kidney International</i> , 2004, 66, 480-485.	2.6	678
13	Recent Advances in the Pathophysiology of Ischemic Acute Renal Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 2199-2210.	3.0	671
14	Global kidney health 2017 and beyond: a roadmap for closing gaps in care, research, and policy. <i>Lancet</i> , 2017, 390, 1888-1917.	6.3	662
15	Kidney injury molecule-1 is a phosphatidylserine receptor that confers a phagocytic phenotype on epithelial cells. <i>Journal of Clinical Investigation</i> , 2008, 118, 1657-1668.	3.9	613
16	Mechanisms of maladaptive repair after AKI leading to accelerated kidney ageing and CKD. <i>Nature Reviews Nephrology</i> , 2015, 11, 264-276.	4.1	574
17	Kidney injury molecule-1: a tissue and urinary biomarker for nephrotoxicant-induced renal injury. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, F552-F563.	1.3	572
18	Modelling kidney disease with CRISPR-mutant kidney organoids derived from human pluripotent epiblast spheroids. <i>Nature Communications</i> , 2015, 6, 8715.	5.8	571

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19	Flow-enhanced vascularization and maturation of kidney organoids in vitro. <i>Nature Methods</i> , 2019, 16, 255-262.	9.0	559
20	Kidney injury molecule-1 outperforms traditional biomarkers of kidney injury in preclinical biomarker qualification studies. <i>Nature Biotechnology</i> , 2010, 28, 478-485.	9.4	552
21	Urinary kidney injury molecule-1: a sensitive quantitative biomarker for early detection of kidney tubular injury. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F517-F529.	1.3	551
22	Acute Kidney Injury. <i>Annual Review of Medicine</i> , 2016, 67, 293-307.	5.0	537
23	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> , 2005, 115, 1743-1755.	3.9	531
24	Creatinine Kinetics and the Definition of Acute Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 672-679.	3.0	531
25	Dedifferentiation and Proliferation of Surviving Epithelial Cells in Acute Renal Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, S55-S61.	3.0	519
26	Urinary N-Acetyl- β -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> , 2007, 18, 904-912.	3.0	467
27	Mechanisms of ischemic acute renal failure. <i>Kidney International</i> , 1993, 43, 1160-1178.	2.6	462
28	Next-generation biomarkers for detecting kidney toxicity. <i>Nature Biotechnology</i> , 2010, 28, 436-440.	9.4	454
29	Targeted proximal tubule injury triggers interstitial fibrosis and glomerulosclerosis. <i>Kidney International</i> , 2012, 82, 172-183.	2.6	389
30	Progression after AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 687-697.	3.0	351
31	Kidney injury molecule-1 (KIM-1): a urinary biomarker and much more. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 3265-3268.	0.4	348
32	Normalization of urinary biomarkers to creatinine during changes in glomerular filtration rate. <i>Kidney International</i> , 2010, 78, 486-494.	2.6	345
33	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> , 2014, 25, 2177-2186.	3.0	341
34	Resolvin D Series and Protectin D1 Mitigate Acute Kidney Injury. <i>Journal of Immunology</i> , 2006, 177, 5902-5911.	0.4	322
35	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> , 2011, 108, 9226-9231.	3.3	316
36	Prediction of DNA Repair Inhibitor Response in Short-Term Patient-Derived Ovarian Cancer Organoids. <i>Cancer Discovery</i> , 2018, 8, 1404-1421.	7.7	311

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37	Mesenchymal Stem Cells in Acute Kidney Injury. <i>Annual Review of Medicine</i> , 2008, 59, 311-325.	5.0	301
38	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> , 2001, 276, 11870-11876.	1.6	300
39	Pediatric Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): Clinical Presentation, Infectivity, and Immune Responses. <i>Journal of Pediatrics</i> , 2020, 227, 45-52.e5.	0.9	288
40	Urinary Biomarkers for Sensitive and Specific Detection of Acute Kidney Injury in Humans. <i>Clinical and Translational Science</i> , 2008, 1, 200-208.	1.5	286
41	Chronic epithelial kidney injury molecule-1 expression causes murine kidney fibrosis. <i>Journal of Clinical Investigation</i> , 2013, 123, 4023-4035.	3.9	281
42	Shedding of Kidney Injury Molecule-1, a Putative Adhesion Protein Involved in Renal Regeneration. <i>Journal of Biological Chemistry</i> , 2002, 277, 39739-39748.	1.6	279
43	Biomarkers of nephrotoxic acute kidney injury. <i>Toxicology</i> , 2008, 245, 182-193.	2.0	259
44	Acute and long-term disruption of glycometabolic control after SARS-CoV-2 infection. <i>Nature Metabolism</i> , 2021, 3, 774-785.	5.1	259
45	KIM-1-mediated phagocytosis reduces acute injury to the kidney. <i>Journal of Clinical Investigation</i> , 2015, 125, 1620-1636.	3.9	259
46	Cell biology and molecular mechanisms of injury in ischemic acute renal failure. <i>Current Opinion in Nephrology and Hypertension</i> , 2000, 9, 427-434.	1.0	255
47	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> , 2008, 101, 159-170.	1.4	251
48	Imperfect Gold Standards for Kidney Injury Biomarker Evaluation. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 13-21.	3.0	240
49	Worsening Renal Function in Patients With Acute Heart Failure Undergoing Aggressive Diuresis Is Not Associated With Tubular Injury. <i>Circulation</i> , 2018, 137, 2016-2028.	1.6	239
50	Cytosolic phospholipase A2 \pm is crucial for "on-time"™ embryo implantation that directs subsequent development. <i>Development (Cambridge)</i> , 2002, 129, 2879-2889.	1.2	223
51	Comparative analysis of urinary biomarkers for early detection of acute kidney injury following cardiopulmonary bypass. <i>Biomarkers</i> , 2009, 14, 423-431.	0.9	217
52	Amine-modified single-walled carbon nanotubes protect neurons from injury in a rat stroke model. <i>Nature Nanotechnology</i> , 2011, 6, 121-125.	15.6	207
53	Regression of microalbuminuria in type 1 diabetes is associated with lower levels of urinary tubular injury biomarkers, kidney injury molecule-1, and N-acetyl- β -D-glucosaminidase. <i>Kidney International</i> , 2011, 79, 464-470.	2.6	202
54	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> , 2020, 43, 2999-3006.	4.3	201

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55	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> , 2003, 278, 29317-29326.	1.6	187
56	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> , 2003, 278, 27256-27266.	1.6	186
57	Renal injury is a third hit promoting rapid development of adult polycystic kidney disease. <i>Human Molecular Genetics</i> , 2009, 18, 2523-2531.	1.4	183
58	Uremic solutes and risk of end-stage renal disease in type 2 diabetes: metabolomic study. <i>Kidney International</i> , 2014, 85, 1214-1224.	2.6	182
59	Biologic markers for the early detection of acute kidney injury. <i>Current Opinion in Critical Care</i> , 2004, 10, 476-482.	1.6	181
60	Tubular damage in chronic systolic heart failure is associated with reduced survival independent of glomerular filtration rate. <i>Heart</i> , 2010, 96, 1297-1302.	1.2	179
61	Kidney tubular epithelium is restored without replacement with bone marrow-derived cells during repair after ischemic injury. <i>Kidney International</i> , 2005, 68, 1956-1961.	2.6	177
62	Acute renal failure in zebrafish: a novel system to study a complex disease. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F923-F929.	1.3	174
63	Can We Target Tubular Damage to Prevent Renal Function Decline in Diabetes?. <i>Seminars in Nephrology</i> , 2012, 32, 452-462.	0.6	174
64	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> , 2005, 16, 1126-1134.	3.0	166
65	Cellular Senescence in the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 726-736.	3.0	164
66	Kidney ischemic preconditioning. <i>Current Opinion in Nephrology and Hypertension</i> , 2002, 11, 43-48.	1.0	162
67	Generation of nephron progenitor cells and kidney organoids from human pluripotent stem cells. <i>Nature Protocols</i> , 2017, 12, 195-207.	5.5	160
68	Stress-Activated Protein Kinases in Cardiovascular Disease. <i>Circulation Research</i> , 1996, 78, 947-953.	2.0	160
69	Tubular kidney injury molecule-1 in protein-overload nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, F456-F464.	1.3	157
70	Cell cycle arrest and the evolution of chronic kidney disease from acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 575-583.	0.4	156
71	High Urinary Excretion of Kidney Injury Molecule-1 Is an Independent Predictor of Graft Loss in Renal Transplant Recipients. <i>Transplantation</i> , 2007, 84, 1625-1630.	0.5	155
72	Interleukin-1 β 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> , 2018, 29, 1690-1705.	3.0	152

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73	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> , 2002, 277, 2040-2049.	1.6	150
74	Urinary liver-type fatty acid-binding protein predicts adverse outcomes in acute kidney injury. <i>Kidney International</i> , 2010, 77, 708-714.	2.6	144
75	Specific physiological roles of cytosolic phospholipase A2 as defined by gene knockouts. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000, 1488, 139-148.	1.2	142
76	Cross-talk between Cytosolic Phospholipase A2 \pm (cPLA2 \pm) and Secretory Phospholipase A2 (sPLA2) in Hydrogen Peroxide-induced Arachidonic Acid Release in Murine Mesangial Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 24153-24163.	1.6	138
77	Polarity, integrin, and extracellular matrix dynamics in the postischemic rat kidney. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 275, C711-C731.	2.1	137
78	Kidney Injury Molecule-1 (KIM-1): A specific and sensitive biomarker of kidney injury. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008, 68, 78-83.	0.6	134
79	HIF in Kidney Disease and Development. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 1877-1887.	3.0	133
80	Cytosolic Phospholipase A2 (PLA2), but Not Secretory PLA2, Potentiates Hydrogen Peroxide Cytotoxicity in Kidney Epithelial Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 21505-21513.	1.6	126
81	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> , 2012, 109, 12105-12110.	3.3	125
82	Acute Kidney Injury and Progression of Diabetic Kidney Disease. <i>Advances in Chronic Kidney Disease</i> , 2018, 25, 166-180.	0.6	123
83	Mice Deficient in Group IV Cytosolic Phospholipase A ₂ Are Resistant to MPTP Neurotoxicity. <i>Journal of Neurochemistry</i> , 1998, 71, 2634-2637.	2.1	117
84	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> , 2007, 18, 2704-2714.	3.0	114
85	Kidney Organoids: A Translational Journey. <i>Trends in Molecular Medicine</i> , 2017, 23, 246-263.	3.5	114
86	Kidney injury molecule-1 expression in murine polycystic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, F1326-F1336.	1.3	111
87	Pathophysiology of Acute Kidney Injury to Chronic Kidney Disease: Maladaptive Repair. <i>Contributions To Nephrology</i> , 2011, 174, 149-155.	1.1	110
88	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> , 2009, 238, 306-314.	1.3	108
89	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> , 2012, 60, 904-911.	2.1	107
90	Kidney injury molecule-1. <i>Current Opinion in Critical Care</i> , 2010, 16, 556-561.	1.6	104

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91	Cyclin G1 and TASC2 regulate kidney epithelial cell G ₂ -M arrest and fibrotic maladaptive repair. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	103
92	KIM-1 mediates fatty acid uptake by renal tubular cells to promote progressive diabetic kidney disease. <i>Cell Metabolism</i> , 2021, 33, 1042-1061.e7.	7.2	103
93	Performance of Novel Kidney Biomarkers in Preclinical Toxicity Studies. <i>Toxicological Sciences</i> , 2010, 116, 8-22.	1.4	101
94	Pathophysiology of AKI: Injury and Normal and Abnormal Repair. <i>Contributions To Nephrology</i> , 2010, 165, 9-17.	1.1	101
95	The Aging Kidney: Increased Susceptibility to Nephrotoxicity. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15358-15376.	1.8	101
96	Increased plasma kidney injury molecule-1 suggests early progressive renal decline in non-proteinuric patients with type 1 diabetes. <i>Kidney International</i> , 2016, 89, 459-467.	2.6	101
97	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> , 2009, 53, 16-25.	2.1	100
98	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> , 2018, 198, 1279-1287.	2.5	99
99	Acute kidney injury and chronic kidney disease: From the laboratory to the clinic. <i>Nephrologie Et Therapeutique</i> , 2016, 12, S41-S48.	0.2	96
100	ADAM17 substrate release in proximal tubule drives kidney fibrosis. <i>JCI Insight</i> , 2016, 1, .	2.3	96
101	Mineralocorticoid receptor blockade confers renoprotection in preexisting chronic cyclosporine nephrotoxicity. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F131-F139.	1.3	94
102	Diagnosis of Acute Kidney Injury: From Classic Parameters to New Biomarkers. <i>Contributions To Nephrology</i> , 2007, 156, 213-219.	1.1	90
103	Circulating Modified Metabolites and a Risk of ESRD in Patients With Type 1 Diabetes and Chronic Kidney Disease. <i>Diabetes Care</i> , 2017, 40, 383-390.	4.3	88
104	Markers of early progressive renal decline in type 2 diabetes suggest different implications for aetiological studies and prognostic tests development. <i>Kidney International</i> , 2018, 93, 1198-1206.	2.6	88
105	Urine biomarkers of tubular injury do not improve on the clinical model predicting chronic kidney disease progression. <i>Kidney International</i> , 2017, 91, 196-203.	2.6	85
106	Cytosolic phospholipase A2alpha is crucial [correction of A2alpha deficiency is crucial] for 'on-time' embryo implantation that directs subsequent development. <i>Development (Cambridge)</i> , 2002, 129, 2879-89.	1.2	85
107	The intensive care medicine agenda on acute kidney injury. <i>Intensive Care Medicine</i> , 2017, 43, 1198-1209.	3.9	83
108	Association of Multiple Plasma Biomarker Concentrations with Progression of Prevalent Diabetic Kidney Disease: Findings from the Chronic Renal Insufficiency Cohort (CRIC) Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 115-126.	3.0	81

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109	Decreased lung tumorigenesis in mice genetically deficient in cytosolic phospholipase A2. <i>Carcinogenesis</i> , 2004, 25, 1517-1524.	1.3	80
110	Primary proximal tubule injury leads to epithelial cell cycle arrest, fibrosis, vascular rarefaction, and glomerulosclerosis. <i>Kidney International Supplements</i> , 2014, 4, 39-44.	4.6	78
111	Mediators of Ischemic Renal Injury. <i>Annual Review of Medicine</i> , 1988, 39, 531-544.	5.0	76
112	<sc>KIM</sc>â€â€mediated phagocytosis links <sc>ATG</sc>5â€â€dependent clearance of apoptotic cells to antigen presentation. <i>EMBO Journal</i> , 2015, 34, 2441-2464.	3.5	76
113	Reduction of proteinuria in adriamycin-induced nephropathy is associated with reduction of renal injury molecule (Kim-1) over time. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F1136-F1145.	1.3	75
114	Acute kidney injury: a problem of definition. <i>Lancet, The</i> , 2017, 389, 779-781.	6.3	75
115	Phospholipases A2 in ischemic and toxic brain injury. , 2000, 25, 745-753.		73
116	Proximal tubule ATR regulates DNA repair to prevent maladaptive renal injury responses. <i>Journal of Clinical Investigation</i> , 2019, 129, 4797-4816.	3.9	73
117	Fibroblast growth factor 23 levels are elevated and associated with severe acute kidney injury and death following cardiac surgery. <i>Kidney International</i> , 2016, 89, 939-948.	2.6	71
118	Acute kidney injury and maladaptive tubular repair leading to renal fibrosis. <i>Current Opinion in Nephrology and Hypertension</i> , 2020, 29, 310-318.	1.0	71
119	Mechanistic biomarkers for cytotoxic acute kidney injury. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2006, 2, 697-713.	1.5	70
120	Urinary kidney injury molecule-1 and monocyte chemotactic protein-1 are noninvasive biomarkers of cisplatin-induced nephrotoxicity in lung cancer patients. <i>Cancer Chemotherapy and Pharmacology</i> , 2015, 76, 989-996.	1.1	70
121	Preclinical evaluation of novel urinary biomarkers of cadmium nephrotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2009, 238, 301-305.	1.3	68
122	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> , 2001, 21, 4470-4481.	1.1	65
123	Pathophysiology of Acute Kidney Injury: Roles of Potential Inhibitors of Inflammation. , 2007, 156, 39-46.		65
124	Kim-1/Tim-1 and immune cells: shifting sands. <i>Kidney International</i> , 2012, 81, 809-811.	2.6	65
125	Maladaptive Proximal Tubule Repair: Cell Cycle Arrest. <i>Nephron Clinical Practice</i> , 2014, 127, 61-64.	2.3	63
126	Kidney Preservation Ex Vivo for Transplantation. <i>Annual Review of Medicine</i> , 1992, 43, 523-551.	5.0	62

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127	Novel Assays for Detection of Urinary KIM-1 in Mouse Models of Kidney Injury. <i>Toxicological Sciences</i> , 2013, 131, 13-25.	1.4	62
128	Biological Variability of Estimated GFR and Albuminuria in CKD. <i>American Journal of Kidney Diseases</i> , 2018, 72, 538-546.	2.1	62
129	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> , 2007, 292, F313-F320.	1.3	61
130	Haptoglobin or Hemopexin Therapy Prevents Acute Adverse Effects of Resuscitation After Prolonged Storage of Red Cells. <i>Circulation</i> , 2016, 134, 945-960.	1.6	61
131	Enhancer and super-enhancer dynamics in repair after ischemic acute kidney injury. <i>Nature Communications</i> , 2020, 11, 3383.	5.8	61
132	The 85-kD Cytosolic Phospholipase A2 Knockout Mouse. <i>Journal of the American Society of Nephrology: JASN</i> , 1999, 10, 404-412.	3.0	61
133	Renal tubular arachidonic acid metabolism. <i>Kidney International</i> , 1991, 39, 438-449.	2.6	60
134	Biomarkers for the diagnosis of acute kidney injury. <i>Current Opinion in Nephrology and Hypertension</i> , 2007, 16, 557-564.	1.0	60
135	Abemaciclib Inhibits Renal Tubular Secretion Without Changing Glomerular Filtration Rate. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 1187-1195.	2.3	60
136	Proinflammatory P2Y14 receptor inhibition protects against ischemic acute kidney injury in mice. <i>Journal of Clinical Investigation</i> , 2020, 130, 3734-3749.	3.9	60
137	Expression of NCAM recapitulates tubulogenic development in kidneys recovering from acute ischemia. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 277, F454-F463.	1.3	59
138	Tubular Expression of KIM-1 Does not Predict Delayed Function After Transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 536-542.	3.0	59
139	Cisplatin-induced renal inflammation is ameliorated by cilastatin nephroprotection. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, 1645-1655.	0.4	57
140	A single combination gene therapy treats multiple age-related diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23505-23511.	3.3	57
141	The contribution of adult stem cells to renal repair. <i>Nephrologie Et Therapeutique</i> , 2007, 3, 3-10.	0.2	56
142	Renal concentrating defect in mice lacking group IV cytosolic phospholipase A ₂ . <i>American Journal of Physiology - Renal Physiology</i> , 2001, 280, F607-F618.	1.3	55
143	AKI. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 1606-1608.	2.2	53
144	Urine Kidney Injury Biomarkers and Risks of Cardiovascular Disease Events and All-Cause Death: The CRIC Study. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 761-771.	2.2	53

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145	Cytosolic phospholipase A2 regulates Golgi structure and modulates intracellular trafficking of membrane proteins. <i>Journal of Clinical Investigation</i> , 2000, 106, 983-993.	3.9	53
146	Reference intervals for urinary renal injury biomarkers KIM-1 and NGAL in healthy children. <i>Biomarkers in Medicine</i> , 2014, 8, 1189-1197.	0.6	50
147	A Technology Roadmap for Innovative Approaches to Kidney Replacement Therapies. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1539-1547.	2.2	50
148	Recent advances in acute kidney injury and its consequences and impact on chronic kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2019, 28, 397-405.	1.0	50
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