Prasad Devarajan

List of Publications by Citations

261 papers	26,836 citations	78 h-index	160 g-index
293 ext. papers	29,901 ext. citations	5.4 avg, IF	7.13 L-index

#	Paper	IF	Citations
261	Neutrophil gelatinase-associated lipocalin (NGAL) as a biomarker for acute renal injury after cardiac surgery. *Lancet, The*, **2005**, 365, 1231-8	40	2345
260	Accuracy of neutrophil gelatinase-associated lipocalin (NGAL) in diagnosis and prognosis in acute kidney injury: a systematic review and meta-analysis. *American Journal of Kidney Diseases*, **2009**, 54, 1012-24	7.4	1404
259	Identification of neutrophil gelatinase-associated lipocalin as a novel early urinary biomarker for ischemic renal injury. *Journal of the American Society of Nephrology: JASN*, **2003**, 14, 2534-43	12.7	1348
258	Kidney NGAL is a novel early marker of acute injury following transplantation. *Pediatric Nephrology*, **2006**, 21, 856-63	3.2	799
257	Update on mechanisms of ischemic acute kidney injury. *Journal of the American Society of Nephrology: JASN*, **2006**, 17, 1503-20	12.7	771
256	Endocytic delivery of lipocalin-siderophore-iron complex rescues the kidney from ischemia-reperfusion injury. *Journal of Clinical Investigation*, **2005**, 115, 610-21	15.9	682
255	Dual action of neutrophil gelatinase-associated lipocalin. *Journal of the American Society of Nephrology: JASN*, **2007**, 18, 407-13	12.7	560
254	Urine NGAL predicts severity of acute kidney injury after cardiac surgery: a prospective study. *Clinical Journal of the American Society of Nephrology: CJASN*, **2008**, 3, 665-73	6.9	537
253	Sensitivity and specificity of a single emergency department measurement of urinary neutrophil gelatinase-associated lipocalin for diagnosing acute kidney injury. *Annals of Internal Medicine*, **2008**, 148, 810-9	8	499
252	The outcome of neutrophil gelatinase-associated lipocalin-positive subclinical acute kidney injury: a multicenter pooled analysis of prospective studies. *Journal of the American College of Cardiology*, **2011**, 57, 1752-61	15.1	485
251	Amelioration of ischemic acute renal injury by neutrophil gelatinase-associated lipocalin. *Journal of the American Society of Nephrology: JASN*, **2004**, 15, 3073-82	12.7	423
250	Neutrophil gelatinase-associated lipocalin: a novel early urinary biomarker for cisplatin nephrotoxicity. *American Journal of Nephrology*, **2004**, 24, 307-15	4.6	423
249	Postoperative biomarkers predict acute kidney injury and poor outcomes after adult cardiac surgery. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 1748-57	12.7	402
248	NGAL is an early predictive biomarker of contrast-induced nephropathy in children. *Pediatric Nephrology*, **2007**, 22, 2089-95	3.2	349
247	Differential gene expression following early renal ischemia/reperfusion. *Kidney International*, **2003**, 63, 1714-24	9.9	346
246	Plasma neutrophil gelatinase-associated lipocalin predicts acute kidney injury, morbidity and mortality after pediatric cardiac surgery: a prospective uncontrolled cohort study. *Critical Care*, **2007**, 11, R127	10.8	342
245	Novel and conventional serum biomarkers predicting acute kidney injury in adult cardiac surgery--a prospective cohort study. *Critical Care Medicine*, **2009**, 37, 553-60	1.4	330

244	Urine neutrophil gelatinase-associated lipocalin is an early marker of acute kidney injury in critically ill children: a prospective cohort study. *Critical Care*, **2007**, 11, R84	10.8	312
243	Incidence, risk factors, and outcomes of acute kidney injury after pediatric cardiac surgery: a prospective multicenter study. *Critical Care Medicine*, **2011**, 39, 1493-9	1.4	307
242	The Ngal reporter mouse detects the response of the kidney to injury in real time. *Nature Medicine*, **2011**, 17, 216-22	50.5	298
241	Postoperative biomarkers predict acute kidney injury and poor outcomes after pediatric cardiac surgery. *Journal of the American Society of Nephrology: JASN*, **2011**, 22, 1737-47	12.7	287
240	Urinary cystatin C as an early biomarker of acute kidney injury following adult cardiothoracic surgery. *Kidney International*, **2008**, 74, 1059-69	9.9	272
239	Review: neutrophil gelatinase-associated lipocalin: a troponin-like biomarker for human acute kidney injury. *Nephrology*, **2010**, 15, 419-28	2.2	266
238	Plasma and urine neutrophil gelatinase-associated lipocalin in septic versus non-septic acute kidney injury in critical illness. *Intensive Care Medicine*, **2010**, 36, 452-61	14.5	261
237	Serum neutrophil gelatinase-associated lipocalin (NGAL) as a marker of acute kidney injury in critically ill children with septic shock. *Critical Care Medicine*, **2008**, 36, 1297-303	1.4	260
236	IL-18 and urinary NGAL predict dialysis and graft recovery after kidney transplantation. *Journal of the American Society of Nephrology: JASN*, **2010**, 21, 189-97	12.7	250
235	Temporal relationship and predictive value of urinary acute kidney injury biomarkers after pediatric cardiopulmonary bypass. *Journal of the American College of Cardiology*, **2011**, 58, 2301-9	15.1	248
234	Diagnostic and prognostic stratification in the emergency department using urinary biomarkers of nephron damage: a multicenter prospective cohort study. *Journal of the American College of Cardiology*, **2012**, 59, 246-55	15.1	245
233	Urinary biomarkers in the clinical prognosis and early detection of acute kidney injury. *Clinical Journal of the American Society of Nephrology: CJASN*, **2010**, 5, 2154-65	6.9	243
232	Neutrophil gelatinase-associated lipocalin: a promising biomarker for human acute kidney injury. *Biomarkers in Medicine*, **2010**, 4, 265-80	2.3	220
231	New biomarkers of acute kidney injury. *Critical Care Medicine*, **2008**, 36, S159-65	1.4	218
230	Neutrophil gelatinase-associated lipocalin (NGAL): a new marker of kidney disease. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2008**, 241, 89-94	2	207
229	Emerging biomarkers of acute kidney injury. *Contributions To Nephrology*, **2007**, 156, 203-12	1.6	204
228	Cisplatin nephrotoxicity: molecular mechanisms. *Cancer Therapy*, **2003**, 1, 47-61		200
227	Serum neutrophil gelatinase-associated lipocalin as a marker of renal function in children with chronic kidney disease. *Pediatric Nephrology*, **2007**, 22, 101-8	3.2	196

226	Biomarkers for the early detection of acute kidney injury. *Pediatric Nephrology*, **2008**, 23, 2151-7	3.2	196
225	Improved performance of urinary biomarkers of acute kidney injury in the critically ill by stratification for injury duration and baseline renal function. *Kidney International*, **2011**, 79, 1119-30	9.9	195
224	Cisplatin induces apoptosis in LLC-PK1 cells via activation of mitochondrial pathways. *Journal of the American Society of Nephrology: JASN*, **2002**, 13, 858-865	12.7	193
223	Gene expression in early ischemic renal injury: clues towards pathogenesis, biomarker discovery, and novel therapeutics. *Molecular Genetics and Metabolism*, **2003**, 80, 365-76	3.7	190
222	Neutrophil gelatinase-associated lipocalin as a biomarker of acute kidney injury: a critical evaluation of current status. *Annals of Clinical Biochemistry*, **2014**, 51, 335-51	2.2	185
221	Urinary neutrophil gelatinase-associated lipocalin as a biomarker of nephritis in childhood-onset systemic lupus erythematosus. *Arthritis and Rheumatism*, **2006**, 54, 2577-84		185
220	Biomarkers for the early detection of acute kidney injury. *Current Opinion in Pediatrics*, **2011**, 23, 194-200	3.2	178
219	Urinary neutrophil gelatinase-associated lipocalcin in D+HUS: a novel marker of renal injury. *Pediatric Nephrology*, **2006**, 21, 989-94	3.2	174
218	Cisplatin-induced apoptosis in auditory cells: role of death receptor and mitochondrial pathways. *Hearing Research*, **2002**, 174, 45-54	3.9	173
217	Sodium bicarbonate to prevent increases in serum creatinine after cardiac surgery: a pilot double-blind, randomized controlled trial. *Critical Care Medicine*, **2009**, 37, 39-47	1.4	170
216	Neutrophil gelatinase-associated lipocalin-mediated iron traffic in kidney epithelia. *Current Opinion in Nephrology and Hypertension*, **2006**, 15, 442-9	3.5	165
215	Performance of kidney injury molecule-1 and liver fatty acid-binding protein and combined biomarkers of AKI after cardiac surgery. *Clinical Journal of the American Society of Nephrology: CJASN*, **2013**, 8, 1079-88	6.9	153
214	Neutrophil gelatinase-associated lipocalin concentrations predict development of acute kidney injury in neonates and children after cardiopulmonary bypass. *Journal of Pediatrics*, **2011**, 158, 1009-1015.e1	3.6	151
213	Activation of mitochondrial apoptotic pathways in human renal allografts after ischemiareperfusion injury. *Transplantation*, **2003**, 76, 50-4	1.8	151
212	Tolerance of the human kidney to isolated controlled ischemia. *Journal of the American Society of Nephrology: JASN*, **2013**, 24, 506-17	12.7	144
211	Novel biomarkers early predict the severity of acute kidney injury after cardiac surgery in adults. *Annals of Thoracic Surgery*, **2009**, 88, 124-30	2.7	143
210	Some biomarkers of acute kidney injury are increased in pre-renal acute injury. *Kidney International*, **2012**, 81, 1254-62	9.9	141
209	Serum interleukin-6 and interleukin-8 are early biomarkers of acute kidney injury and predict prolonged mechanical ventilation in children undergoing cardiac surgery: a case-control study. *Critical Care*, **2009**, 13, R104	10.8	141

208	Biomarkers in acute and chronic kidney disease. *Current Opinion in Nephrology and Hypertension*, **2008**, 17, 127-32	3.5	132
207	Combining functional and tubular damage biomarkers improves diagnostic precision for acute kidney injury after cardiac surgery. *Journal of the American College of Cardiology*, **2014**, 64, 2753-62	15.1	122
206	The predictive performance of plasma neutrophil gelatinase-associated lipocalin (NGAL) increases with grade of acute kidney injury. *Nephrology Dialysis Transplantation*, **2009**, 24, 3349-54	4.3	120
205	Test characteristics of urinary biomarkers depend on quantitation method in acute kidney injury. *Journal of the American Society of Nephrology: JASN*, **2012**, 23, 322-33	12.7	115
204	Association of noninvasively measured renal protein biomarkers with histologic features of lupus nephritis. *Arthritis and Rheumatism*, **2012**, 64, 2687-97		113
203	Early prediction of acute renal injury using urinary proteomics. *American Journal of Nephrology*, **2005**, 25, 318-26	4.6	110
202	Neutrophil gelatinase-associated lipocalin is a predictor of the course of global and renal childhood-onset systemic lupus erythematosus disease activity. *Arthritis and Rheumatism*, **2009**, 60, 2772-81		108
201	The assessment, serial evaluation, and subsequent sequelae of acute kidney injury (ASSESS-AKI) study: design and methods. *BMC Nephrology*, **2010**, 11, 22	2.7	107
200	Neutrophil gelatinase-associated lipocalin as a biomarker of disease activity in pediatric lupus nephritis. *Pediatric Nephrology*, **2008**, 23, 403-12	3.2	104
199	Serum cystatin C is an early predictive biomarker of acute kidney injury after pediatric cardiopulmonary bypass. *Clinical Journal of the American Society of Nephrology: CJASN*, **2010**, 5, 1552-7	6.9	99
198	Urinary NGAL in premature infants. *Pediatric Research*, **2008**, 64, 423-8	3.2	99
197	Cellular and molecular derangements in acute tubular necrosis. *Current Opinion in Pediatrics*, **2005**, 17, 193-9	3.2	99
196	Early postoperative serum cystatin C predicts severe acute kidney injury following pediatric cardiac surgery. *Kidney International*, **2011**, 80, 655-62	9.9	96
195	Baseline values of candidate urine acute kidney injury biomarkers vary by gestational age in premature infants. *Pediatric Research*, **2011**, 70, 302-6	3.2	95
194	Initial validation of a novel protein biomarker panel for active pediatric lupus nephritis. *Pediatric Research*, **2009**, 65, 530-6	3.2	94
193	Tubular proteinuria in acute kidney injury: a critical evaluation of current status and future promise. *Annals of Clinical Biochemistry*, **2010**, 47, 301-12	2.2	91
192	Follow-Up Renal Assessment of Injury Long-Term After Acute Kidney Injury (FRAIL-AKI). *Clinical Journal of the American Society of Nephrology: CJASN*, **2016**, 11, 21-9	6.9	84
191	Kidney Outcomes 5 Years After Pediatric Cardiac Surgery: The TRIBE-AKI Study. *JAMA Pediatrics*, **2016**, 170, 1071-1078	8.3	82

190	Urine biomarkers predict acute kidney injury and mortality in very low birth weight infants. *Journal of Pediatrics*, **2011**, 159, 907-12.e1	3.6	82
189	NGAL (Lcn2) monomer is associated with tubulointerstitial damage in chronic kidney disease. *Kidney International*, **2012**, 82, 718-22	9.9	80
188	Metabonomics of acute kidney injury in children after cardiac surgery. *Pediatric Nephrology*, **2008**, 23, 977-84	3.2	79
187	Pediatric reference ranges for acute kidney injury biomarkers. *Pediatric Nephrology*, **2015**, 30, 677-85	3.2	78
186	Beware of subgroup analysis. *Pediatric Nephrology*, **2008**, 23, 1191-1192	3.2	78
185	Proteomics for biomarker discovery in acute kidney injury. *Seminars in Nephrology*, **2007**, 27, 637-51	4.8	78
184	Preoperative angiotensin-converting enzyme inhibitors and angiotensin receptor blocker use and acute kidney injury in patients undergoing cardiac surgery. *Nephrology Dialysis Transplantation*, **2013**, 28, 2787-99	4.3	77
183	Emerging urinary biomarkers in the diagnosis of acute kidney injury. *Expert Opinion on Medical Diagnostics*, **2008**, 2, 387-398		76
182	Structure of the ankyrin-binding domain of alpha-Na,K-ATPase. *Journal of Biological Chemistry*, **1998**, 273, 18681-4	5.4	76
181	Proteomic identification of early biomarkers of acute kidney injury after cardiac surgery in children. *American Journal of Kidney Diseases*, **2010**, 56, 632-42	7.4	75
180	A framework and key research questions in AKI diagnosis and staging in different environments. *Clinical Journal of the American Society of Nephrology: CJASN*, **2008**, 3, 864-8	6.9	75
179	Cystatin C as a marker of acute kidney injury in the emergency department. *Clinical Journal of the American Society of Nephrology: CJASN*, **2010**, 5, 1745-54	6.9	73
178	Urinary netrin-1 is an early predictive biomarker of acute kidney injury after cardiac surgery. *Clinical Journal of the American Society of Nephrology: CJASN*, **2010**, 5, 395-401	6.9	69
177	Presurgical serum cystatin C and risk of acute kidney injury after cardiac surgery. *American Journal of Kidney Diseases*, **2011**, 58, 366-73	7.4	68
176	Acute kidney injury in childhood: should we be worried about progression to CKD?. *Pediatric Nephrology*, **2011**, 26, 509-22	3.2	66
175	Urinary biomarkers to detect acute kidney injury in the pediatric emergency center. *Pediatric Nephrology*, **2011**, 26, 267-74	3.2	66
174	Pharmacological targeting of C5a receptors during organ preservation improves kidney graft survival. *Clinical and Experimental Immunology*, **2008**, 153, 117-26	6.2	66
173	Neutrophil gelatinase-associated lipocalin as a biomarker of cardiovascular disease: a systematic review. *Clinical Chemistry and Laboratory Medicine*, **2012**, 50, 1533-45	5.9	64

172	The use of targeted biomarkers for chronic kidney disease. *Advances in Chronic Kidney Disease*, **2010**, 17, 469-79	4.7	64
171	An update and review of acute kidney injury in pediatrics. *Pediatric Critical Care Medicine*, **2011**, 12, 339-47	3	63
170	A prospective evaluation of urine microscopy in septic and non-septic acute kidney injury. *Nephrology Dialysis Transplantation*, **2012**, 27, 582-8	4.3	62
169	Laser capture microdissection-microarray analysis of focal segmental glomerulosclerosis glomeruli. *Nephron Experimental Nephrology*, **2007**, 107, e30-40		61
168	Urinary uromodulin, kidney function, and cardiovascular disease in elderly adults. *Kidney International*, **2015**, 88, 1126-34	9.9	60
167	Urine IL-18, NGAL, IL-8 and serum IL-8 are biomarkers of acute kidney injury following liver transplantation. *BMC Nephrology*, **2013**, 14, 17	2.7	59
166	Identification of a urinary proteomic signature for lupus nephritis in children. *Pediatric Nephrology*, **2007**, 22, 2047-57	3.2	59
165	Association of Urinary Biomarkers of Inflammation, Injury, and Fibrosis with Renal Function Decline: The ACCORD Trial. *Clinical Journal of the American Society of Nephrology: CJASN*, **2016**, 11, 1343-52	6.9	59
164	AKI in Children Hospitalized with Nephrotic Syndrome. *Clinical Journal of the American Society of Nephrology: CJASN*, **2015**, 10, 2110-8	6.9	58
163	Urine biochemistry in septic and non-septic acute kidney injury: a prospective observational study. *Journal of Critical Care*, **2013**, 28, 371-8	4	58
162	Molecular nephrology: types of acute tubular injury. *Nature Reviews Nephrology*, **2019**, 15, 599-612	14.9	55
161	Pilot double-blind, randomized controlled trial of short-term atorvastatin for prevention of acute kidney injury after cardiac surgery. *Nephrology*, **2012**, 17, 215-24	2.2	54
160	Low renal toxicity of lipoplatin compared to cisplatin in animals. *Anticancer Research*, **2004**, 24, 2193-200	2.3	54
159	Preoperative proteinuria predicts acute kidney injury in patients undergoing cardiac surgery. *Journal of Thoracic and Cardiovascular Surgery*, **2012**, 143, 495-502	1.5	50
158	NGAL-Siderocalin in kidney disease. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2012**, 1823, 1451-8	4.9	50
157	Urine stability studies for novel biomarkers of acute kidney injury. *American Journal of Kidney Diseases*, **2014**, 63, 567-72	7.4	49
156	Plasma NGAL for the diagnosis of AKI in patients admitted from the emergency department setting. *Clinical Journal of the American Society of Nephrology: CJASN*, **2013**, 8, 2053-63	6.9	49
155	Neutrophil gelatinase-associated lipocalin: new paths for an old shuttle. *Cancer Therapy*, **2007**, 5, 463-470		49

154	Association of definition of acute kidney injury by cystatin C rise with biomarkers and clinical outcomes in children undergoing cardiac surgery. *JAMA Pediatrics*, **2015**, 169, 583-91	8.3	48
153	Combination of biomarkers for diagnosis of acute kidney injury after cardiopulmonary bypass. *Renal Failure*, **2015**, 37, 408-16	2.9	47
152	The death domain of kidney ankyrin interacts with Fas and promotes Fas-mediated cell death in renal epithelia. *Journal of the American Society of Nephrology: JASN*, **2004**, 15, 41-51	12.7	47
151	Cystatin C in acute kidney injury diagnosis: early biomarker or alternative to serum creatinine?. *Pediatric Nephrology*, **2015**, 30, 665-76	3.2	46
150	Biomarkers for early detection of sickle nephropathy. *American Journal of Hematology*, **2011**, 86, 559-66	7.1	46
149	Urinary markers of kidney injury and kidney function decline in HIV-infected women. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2012**, 61, 565-73	3.1	46
148	Post-Acute Kidney Injury Proteinuria and Subsequent Kidney Disease Progression: The Assessment, Serial Evaluation, and Subsequent Sequelae in Acute Kidney Injury (ASSESS-AKI) Study. *JAMA Internal Medicine*, **2020**, 180, 402-410	11.5	45
147	Albuminuria increases cystatin C excretion: implications for urinary biomarkers. *Nephrology Dialysis Transplantation*, **2012**, 27 Suppl 3, iii96-103	4.3	44
146	Urinary NGAL marks cystic disease in HIV-associated nephropathy. *Journal of the American Society of Nephrology: JASN*, **2009**, 20, 1687-92	12.7	43
145	Urinary cystatin C and acute kidney injury after cardiac surgery. *American Journal of Kidney Diseases*, **2013**, 61, 730-8	7.4	42
144	Identification of candidate serum biomarkers for severe septic shock-associated kidney injury via microarray. *Critical Care*, **2011**, 15, R273	10.8	42
143	Development of a Novel Renal Activity Index of Lupus Nephritis in Children and Young Adults. *Arthritis Care and Research*, **2016**, 68, 1003-11	4.7	42
142	Interleukin-6 and interleukin-10 as acute kidney injury biomarkers in pediatric cardiac surgery. *Pediatric Nephrology*, **2015**, 30, 1519-27	3.2	41
141	Urinary aprotinin as a predictor of acute kidney injury after cardiac surgery in children receiving aprotinin therapy. *Pediatric Nephrology*, **2008**, 23, 1317-26	3.2	41
140	Long-term Stability of Urinary Biomarkers of Acute Kidney Injury in Children. *American Journal of Kidney Diseases*, **2016**, 67, 56-61	7.4	40
139	Identification of urinary metabolites that distinguish membranous lupus nephritis from proliferative lupus nephritis and focal segmental glomerulosclerosis. *Arthritis Research and Therapy*, **2011**, 13, R199	5.7	39
138	Dissociation of spectrin-ankyrin complex as a basis for loss of Na-K-ATPase polarity after ischemia. *American Journal of Physiology - Renal Physiology*, **2003**, 284, F358-64	4.3	39
137	Renal cell injury: metabolic and structural alterations. *Pediatric Research*, **1994**, 36, 129-36	3.2	39

136	Association of Preoperative Urinary Uromodulin with AKI after Cardiac Surgery. *Clinical Journal of the American Society of Nephrology: CJASN*, **2017**, 12, 10-18	6.9	38
135	Cardiac biomarkers and acute kidney injury after cardiac surgery. *Pediatrics*, **2015**, 135, e945-56	7.4	37
134	Urinary biomarkers of cell cycle arrest are delayed predictors of acute kidney injury after pediatric cardiopulmonary bypass. *Pediatric Nephrology*, **2017**, 32, 2351-2360	3.2	36
133	[Review article: Acute kidney injury in critical illness]. *Canadian Journal of Anaesthesia*, **2010**, 57, 985-98	3	36
132	Semaphorin 3A is a new early diagnostic biomarker of experimental and pediatric acute kidney injury. *PLoS ONE*, **2013**, 8, e58446	3.7	35
131	The association of albumin/creatinine ratio with postoperative AKI in children undergoing cardiac surgery. *Clinical Journal of the American Society of Nephrology: CJASN*, **2012**, 7, 1761-9	6.9	35
130	Urinary NGAL levels correlate with differential renal function in patients with ureteropelvic junction obstruction undergoing pyeloplasty. *Journal of Urology*, **2013**, 190, 1462-7	2.5	34
129	Progression from acute kidney injury to chronic kidney disease: a pediatric perspective. *Advances in Chronic Kidney Disease*, **2008**, 15, 278-83	4.7	34
128	Biomarkers of AKI Progression after Pediatric Cardiac Surgery. *Journal of the American Society of Nephrology: JASN*, **2018**, 29, 1549-1556	12.7	32
127	Urinary Neutrophil Gelatinase-Associated Lipocalin Measured on Admission to the Intensive Care Unit Accurately Discriminates between Sustained and Transient Acute Kidney Injury in Adult Critically Ill Patients. *Nephron Extra*, **2011**, 1, 9-23		32
126	Single-Cell Profiling of AKI in a Murine Model Reveals Novel Transcriptional Signatures, Profibrotic Phenotype, and Epithelial-to-Stromal Crosstalk. *Journal of the American Society of Nephrology: JASN* , **2020**, 31, 2793-2814	12.7	31
125	Urinary Vitamin D-Binding Protein as a Biomarker of Steroid-Resistant Nephrotic Syndrome. *Biomarker Insights*, **2016**, 11, 1-6	3.5	31
124	Interleukin-8 and Tumor Necrosis Factor Predict Acute Kidney Injury After Pediatric Cardiac Surgery. *Annals of Thoracic Surgery*, **2017**, 104, 2072-2079	2.7	31
123	Ankyrin facilitates intracellular trafficking of alpha1-Na+-K+-ATPase in polarized cells. *American Journal of Physiology - Cell Physiology*, **2008**, 295, C1202-14	5.4	31
122	G Protein-Coupled Receptor-G-Protein β Subunit Signaling Mediates Renal Dysfunction and Fibrosis in Heart Failure. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 197-208	12.7	30
121	Urinary Uromodulin and Risk of Urinary Tract Infections: The Cardiovascular Health Study. *American Journal of Kidney Diseases*, **2017**, 69, 744-751	7.4	30
120	Association of urinary injury biomarkers with mortality and cardiovascular events. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 1545-53	12.7	30
119	NGAL distinguishes steroid sensitivity in idiopathic nephrotic syndrome. *Pediatric Nephrology*, **2012**, 27, 807-12	3.2	30

118	Discovery and initial validation of -B glycoprotein fragmentation as a differential urinary biomarker in pediatric steroid-resistant nephrotic syndrome. *Proteomics - Clinical Applications*, **2011**, 5, 334-42	3.1	30
117	Neutrophil Gelatinase-Associated Lipocalin Measured on Clinical Laboratory Platforms for the Prediction of Acute Kidney Injury and the Associated Need for Dialysis Therapy: A Systematic Review and Meta-analysis. *American Journal of Kidney Diseases*, **2020**, 76, 826-841.e1	7.4	30
116	Proteomics for the investigation of acute kidney injury. *Contributions To Nephrology*, **2008**, 160, 1-16	1.6	28
115	Association of serum albumin levels with kidney function decline and incident chronic kidney disease in elders. *Nephrology Dialysis Transplantation*, **2018**, 33, 986-992	4.3	27
114	Induction of Zf9 in the kidney following early ischemia/reperfusion. *Kidney International*, **2005**, 68, 1511-9	9.9	27
113	Chronic Inflammation in Chronic Kidney Disease Progression: Role of Nrf2. *Kidney International Reports*, **2021**, 6, 1775-1787	4.1	26
112	Urine Biomarkers to Predict Response to Lupus Nephritis Therapy in Children and Young Adults. *Journal of Rheumatology*, **2017**, 44, 1239-1248	4.1	25
111	Association of urinary uromodulin with kidney function decline and mortality: the health ABC study?. *Clinical Nephrology*, **2017**, 87, 278-286	2.1	24
110	Acute kidney injury: emerging pharmacotherapies in current clinical trials. *Pediatric Nephrology*, **2018**, 33, 779-787	3.2	24
109	Association of cardiac biomarkers with acute kidney injury after cardiac surgery: A multicenter cohort study. *Journal of Thoracic and Cardiovascular Surgery*, **2016**, 152, 245-251.e4	1.5	24
108	Losartan for the nephropathy of sickle cell anemia: A phase-2, multicenter trial. *American Journal of Hematology*, **2017**, 92, E520-E528	7.1	23
107	Genomic and Proteomic Characterization of Acute Kidney Injury. *Nephron*, **2015**, 131, 85-91	3.3	23
106	The risk of chronic kidney disease and mortality are increased after community-acquired acute kidney injury. *Kidney International*, **2016**, 90, 1090-1099	9.9	23
105	Early detection of acute kidney injury after pediatric cardiac surgery. *Progress in Pediatric Cardiology*, **2016**, 41, 9-16	0.4	23
104	What can we expect from biomarkers for acute kidney injury?. *Biomarkers in Medicine*, **2014**, 8, 1239-45	2.3	23
103	Preoperative levels of urinary uromodulin predict acute kidney injury after pediatric cardiopulmonary bypass surgery. *Pediatric Nephrology*, **2018**, 33, 521-526	3.2	22
102	Urine biomarkers of chronic kidney damage and renal functional decline in childhood-onset systemic lupus erythematosus. *Pediatric Nephrology*, **2019**, 34, 117-128	3.2	22
101	The future of pediatric acute kidney injury management--biomarkers. *Seminars in Nephrology*, **2008**, 28, 493-8	4.8	21

100	NMR spectroscopy and electron microscopy identification of metabolic and ultrastructural changes to the kidney following ischemia-reperfusion injury. *American Journal of Physiology - Renal Physiology*, **2018**, 314, F154-F166	4.3	20
99	Cystatin C and neutrophil gelatinase-associated lipocalin as markers of renal function in pediatric heart transplant recipients. *Pediatric Transplantation*, **2011**, 15, 564-9	1.8	20
98	A Novel Biomarker Panel to Identify Steroid Resistance in Childhood Idiopathic Nephrotic Syndrome. *Biomarker Insights*, **2017**, 12, 1177271917695832	3.5	19
97	Pediatric acute kidney injury: prevalence, impact and management challenges. *International Journal of Nephrology and Renovascular Disease*, **2017**, 10, 77-84	2.5	19
96	Biomarkers in acute kidney injury: are we ready for prime time?. *Nephron Clinical Practice*, **2014**, 127, 176-9		19
95	A prospective cohort study of acute kidney injury and kidney outcomes, cardiovascular events, and death. *Kidney International*, **2021**, 99, 456-465	9.9	19
94	Penalized count data regression with application to hospital stay after pediatric cardiac surgery. *Statistical Methods in Medical Research*, **2016**, 25, 2685-2703	2.3	18
93	Review article: Renal support in critical illness. *Canadian Journal of Anaesthesia*, **2010**, 57, 999-1013	3	18
92	Induction of proapoptotic Daxx following ischemic acute kidney injury. *Kidney International*, **2008**, 74, 310-8	9.9	18
91	PROGRESSION OF CHRONIC KIDNEY DISEASE AFTER ACUTE KIDNEY INJURY. *Progress in Pediatric Cardiology*, **2016**, 41, 33-40	0.4	17
90	Using proteomics to identify preprocedural risk factors for contrast induced nephropathy. *Proteomics - Clinical Applications*, **2008**, 2, 1058-1064	3.1	17
89	Does HIV infection promote early kidney injury in women?. *Antiviral Therapy*, **2014**, 19, 79-87	1.6	16
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