Jonathan Barasch

List of Publications by Year
in descending order

51 papers	11,218 citations	147726 31 h-index	197736 49 g-index
56 all docs	56 docs citations	56 times ranked	11349 citing authors

#	Article	IF	Citations
1	Innate Bacteriostatic Mechanisms Defend the Urinary Tract. Annual Review of Physiology, 2022, 84, 533-558.	5.6	7
2	Snapshots of nascent RNA reveal cell- and stimulus-specific responses to acute kidney injury. JCI Insight, 2022, 7, .	2.3	3
3	Mutations in transcription factor CP2-like 1 may cause a novel syndrome with distal renal tubulopathy in humans. Nephrology Dialysis Transplantation, 2021, 36, 237-246.	0.4	0
4	A uropathogenic E. coli UTI89 model of prostatic inflammation and collagen accumulation for use in studying aberrant collagen production in the prostate. American Journal of Physiology - Renal Physiology, 2021, 320, F31-F46.	1.3	13
5	Copy Number Variant Analysis and Genome-wide Association Study Identify Loci with Large Effect for Vesicoureteral Reflux. Journal of the American Society of Nephrology: JASN, 2021, 32, 805-820.	3.0	17
6	Iron deficiency exacerbates cisplatin- or rhabdomyolysis-induced acute kidney injury through promoting iron-catalyzed oxidative damage. Free Radical Biology and Medicine, 2021, 173, 81-96.	1.3	14
7	Elevated Neutrophil Gelatinase-Associated Lipocalin Is Associated With the Severity of Kidney Injury and Poor Prognosis of Patients With COVID-19. Kidney International Reports, 2021, 6, 2979-2992.	0.4	25
8	Longitudinal Outcomes of COVID-19â€“Associated Collapsing Glomerulopathy and Other Podocytopathies. Journal of the American Society of Nephrology: JASN, 2021, 32, 2958-2969.	3.0	31
9	Kidney Biopsy Findings in Patients with COVID-19. Journal of the American Society of Nephrology: JASN, 2020, 31, 1959-1968.	3.0	301
10	Postmortem Kidney Pathology Findings in Patients with COVID-19. Journal of the American Society of Nephrology: JASN, 2020, 31, 2158-2167.	3.0	241
11	Rule Out Acute Kidney Injury in the Emergency Department With a Urinary Dipstick. Kidney International Reports, 2020, 5, 1982-1992.	0.4	9
12	Molecular nephrology: types of acute tubular injury. Nature Reviews Nephrology, 2019, 15, 599-612.	4.1	91
13	Urinary defense begins in the kidney. Kidney International, 2019, 96, 537-539.	2.6	0
14	Cell-specific image-guided transcriptomics identifies complex injuries caused by ischemic acute kidney injury in mice. Communications Biology, 2019, 2, 326.	2.0	10
15	Genomic Mismatch at LIMS1 Locus and Kidney Allograft Rejection. New England Journal of Medicine, 2019, 380, 1918-1928.	13.9	63
16	Single-cell transcriptomics of the mouse kidney reveals potential cellular targets of kidney disease. Science, 2018, 360, 758-763.	6.0	797
17	The definition of acute kidney injury â€“ Authors' reply. Lancet, The, 2018, 391, 203-204.	6.3	2
18	Precision Medicine for Acute Kidney Injury (AKI): Redefining AKI by Agnostic Kidney Tissue Interrogation and Genetics. Seminars in Nephrology, 2018, 38, 40-51.	0.6	28

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19	Physiological functions of ferroportin in the regulation of renal iron recycling and ischemic acute kidney injury. American Journal of Physiology - Renal Physiology, 2018, 315, F1042-F1057.	1.3	31
20	Creatinine and Cystatin C. Circulation, 2018, 137, 2029-2031.	1.6	10
21	Acute kidney injury: a problem of definition. Lancet, The, 2017, 389, 779-781.	6.3	75
22	Urinary NGAL deficiency in recurrent urinary tract infections. Pediatric Nephrology, 2017, 32, 1077-1080.	0.9	26
23	MC4R-dependent suppression of appetite by bone-derived lipocalin 2. Nature, 2017, 543, 385-390.	13.7	299
24	Extracorporeal Ultrafiltration for FluidÂOverload in Heart Failure. Journal of the American College of Cardiology, 2017, 69, 2428-2445.	1.2	88
25	Unique Transcriptional Programs Identify Subtypes of AKI. Journal of the American Society of Nephrology: JASN, 2017, 28, 1729-1740.	3.0	93
26	Transcription factor TFCP2L1 patterns cells in the mouse kidney collecting ducts. ELife, 2017, 6, .	2.8	58
27	Urinary Neutrophil Gelatinaseâ€“Associated Lipocalin (NGAL) Distinguishes Sustained From Transient Acute Kidney Injury After General Surgery. Kidney International Reports, 2016, 1, 3-9.	0.4	32
28	Disposal of iron by a mutant form of lipocalin 2. Nature Communications, 2016, 7, 12973.	5.8	43
29	A Grhl2-dependent gene network controls trophoblast branching morphogenesis. Development (Cambridge), 2015, 142, 1125-1136.	1.2	61
30	An AKI biomarker lipocalin 2 in the blood derives from the kidney in renal injury but from neutrophils in normal and infected conditions. Clinical and Experimental Nephrology, 2015, 19, 99-106.	0.7	24
31	Î±â€“Intercalated cells defend the urinary system from bacterial infection. Journal of Clinical Investigation, 2014, 124, 2963-2976.	3.9	127
32	NGAL (Lcn2) monomer is associated with tubulointerstitial damage in chronic kidney disease. Kidney International, 2012, 82, 718-722.	2.6	111
33	Diagnostic and Prognostic Stratification in the Emergency Department Using Urinary Biomarkers of Nephron Damage. Journal of the American College of Cardiology, 2012, 59, 246-255.	1.2	306
34	The Ngal reporter mouse detects the response of the kidney to injury in real time. Nature Medicine, 2011, 17, 216-222.	15.2	359
35	Urine neutrophil gelatinase-associated lipocalin identifies unilateral and bilateral urinary tract obstruction. Nephrology Dialysis Transplantation, 2011, 26, 4132-4135.	0.4	19
36	Lipocalin-2 Is a Chemokine Inducer in the Central Nervous System. Journal of Biological Chemistry, 2011, 286, 43855-43870.	1.6	149

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37	Urinary neutrophil gelatinase-associated lipocalin distinguishes pre-renal from intrinsic renal failure and predicts outcomes. Kidney International, 2011, 80, 405-414.	2.6	175
38	The transcription factor grainyhead-like 2 regulates the molecular composition of the epithelial apical junctional complex. Development (Cambridge), 2010, 137, 3835-3845.	1.2	169
39	Urinary neutrophil gelatinase-associated lipocalin levels reflect damage to glomeruli, proximal tubules, and distal nephrons. Kidney International, 2009, 75, 285-294.	2.6	254
40	Urinary NGAL Marks Cystic Disease in HIV-Associated Nephropathy. Journal of the American Society of Nephrology: JASN, 2009, 20, 1687-1692.	3.0	47
41	Sensitivity and Specificity of a Single Emergency Department Measurement of Urinary Neutrophil Gelatinaseâ€“Associated Lipocalin for Diagnosing Acute Kidney Injury. Annals of Internal Medicine, 2008, 148, 810.	2.0	597
42	Î²-catenin/TCF/Lef controls a differentiation-associated transcriptional program in renal epithelial progenitors. Development (Cambridge), 2007, 134, 3177-3190.	1.2	87
43	Novel Regulators of Kidney Development from the Tips of the Ureteric Bud. Journal of the American Society of Nephrology: JASN, 2005, 16, 1993-2002.	3.0	118
44	Neutrophil gelatinase-associated lipocalin (NGAL) as a biomarker for acute renal injury after cardiac surgery. Lancet, The, 2005, 365, 1231-1238.	6.3	2,695
45	Endocytic delivery of lipocalin-siderophore-iron complex rescues the kidney from ischemia-reperfusion injury. Journal of Clinical Investigation, 2005, 115, 610-621.	3.9	796
46	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, 2534-2543.	3.0	1,546
47	Induction of Collecting Duct Morphogenesis In Vitro by Heparin-Binding Epidermal Growth Factor-Like Growth Factor. Journal of the American Society of Nephrology: JASN, 2001, 12, 964-972.	3.0	21
48	Mesenchymal to Epithelial Conversion in Rat Metanephros Is Induced by LIF. Cell, 1999, 99, 377-386.	13.5	257
49	Ureteric bud cells secrete multiple factors, including bFGF, which rescue renal progenitors from apoptosis. American Journal of Physiology - Renal Physiology, 1997, 273, F757-F767.	1.3	66
50	Defective acidification of intracellular organelles in cystic fibrosis. Nature, 1991, 352, 70-73.	13.7	502
51	Plasticity of functional epithelial polarity. Nature, 1985, 318, 368-371.	13.7	317