David Basile

List of Publications by Year
in descending order

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57
papers

4,381
citations

236925
25
h-index

168389
53
g-index

57
all docs

57
docs citations

57
times ranked

5622
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathophysiology of Acute Kidney Injury. , 2012, 2, 1303-1353.		801
2	The endothelial cell in ischemic acute kidney injury: implications for acute and chronic function. Kidney International, 2007, 72, 151-156.	5.2	395
3	Flipped classroom model improves graduate student performance in cardiovascular, respiratory, and renal physiology. American Journal of Physiology - Advances in Physiology Education, 2013, 37, 316-320.	1.6	367
4	Progression after AKI. Journal of the American Society of Nephrology: JASN, 2016, 27, 687-697.	6.1	351
5	Renal ischemic injury results in permanent damage to peritubular capillaries and influences long-term function. American Journal of Physiology - Renal Physiology, 2001, 281, F887-F899.	2.7	340
6	Impaired endothelial proliferation and mesenchymal transition contribute to vascular rarefaction following acute kidney injury. American Journal of Physiology - Renal Physiology, 2011, 300, F721-F733.	2.7	249
7	Rarefaction of peritubular capillaries following ischemic acute renal failure: a potential factor predisposing to progressive nephropathy. Current Opinion in Nephrology and Hypertension, 2004, 13, 1-7.	2.0	202
8	Circulating and tissue resident endothelial progenitor cells. Journal of Cellular Physiology, 2013, 229, n/a-n/a.	4.1	173
9	Renal ischemia reperfusion inhibits VEGF expression and induces ADAMTS-1, a novel VEGF inhibitor. American Journal of Physiology - Renal Physiology, 2008, 294, F928-F936.	2.7	154
10	Renal Endothelial Dysfunction in Acute Kidney Ischemia Reperfusion Injury. Cardiovascular & Hematological Disorders Drug Targets, 2014, 14, 3-14.	0.7	112
11	The transforming growth factor beta system in kidney disease and repair: recent progress and future directions. Current Opinion in Nephrology and Hypertension, 1999, 8, 21-30.	2.0	106
12	Identification of persistently altered gene expression in the kidney after functional recovery from ischemic acute renal failure. American Journal of Physiology - Renal Physiology, 2005, 288, F953-F963.	2.7	86
13	Th-17 cell activation in response to high salt following acute kidney injury is associated with progressive fibrosis and attenuated by AT-1R antagonism. Kidney International, 2015, 88, 776-784.	5.2	84
14	Persistent oxidative stress following renal ischemia-reperfusion injury increases ANG II hemodynamic and fibrotic activity. American Journal of Physiology - Renal Physiology, 2012, 302, F1494-F1502.	2.7	67
15	Increased transforming growth factor-beta 1 expression in regenerating rat renal tubules following ischemic injury. American Journal of Physiology - Renal Physiology, 1996, 270, F500-F509.	2.7	57
16	AKI. Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 1606-1608.	4.5	53
17	Extracellular matrix-related genes in kidney after ischemic injury: potential role for TGF-Î² in repair. American Journal of Physiology - Renal Physiology, 1998, 275, F894-F903.	2.7	47
18	Resistance to ischemic acute renal failure in the Brown Norway rat: A new model to study cytoprotection. Kidney International, 2004, 65, 2201-2211.	5.2	47

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19	Role of Renal Hypoxia in the Progression From Acute Kidney Injury to Chronic Kidney Disease. Seminars in Nephrology, 2019, 39, 567-580.	1.6	47
20	Expression of bcl-2 and bax in regenerating rat renal tubules following ischemic injury. American Journal of Physiology - Renal Physiology, 1997, 272, F640-F647.	2.7	45
21	Endothelial colony-forming cells ameliorate endothelial dysfunction via secreted factors following ischemia-reperfusion injury. American Journal of Physiology - Renal Physiology, 2017, 312, F897-F907.	2.7	42
22	Distinct effects on long-term function of injured and contralateral kidneys following unilateral renal ischemia-reperfusion. American Journal of Physiology - Renal Physiology, 2012, 302, F625-F635.	2.7	41
23	Calcium channel Orai1 promotes lymphocyte IL-17 expression and progressive kidney injury. Journal of Clinical Investigation, 2019, 129, 4951-4961.	8.2	40
24	Vitamin D deficiency contributes to vascular damage in sustained ischemic acute kidney injury. Physiological Reports, 2016, 4, e12829.	1.7	39
25	Involvement of the ubiquitin pathway in decreasing Ku70 levels in response to drug-induced apoptosis. Experimental Cell Research, 2006, 312, 488-499.	2.6	31
26	Hydrodynamic Isotonic Fluid Delivery Ameliorates Moderate-to-Severe Ischemia-Reperfusion Injury in Rat Kidneys. Journal of the American Society of Nephrology: JASN, 2017, 28, 2081-2092.	6.1	31
27	Exogenous Gene Transmission of Isocitrate Dehydrogenase 2 Mimics Ischemic Preconditioning Protection. Journal of the American Society of Nephrology: JASN, 2018, 29, 1154-1164.	6.1	29
28	Endothelial colonyâ€forming cells and proâ€angiogenic cells: clarifying definitions and their potential role in mitigating acute kidney injury. Acta Physiologica, 2018, 222, e12914.	3.8	29
29	Basic fibroblast growth factor receptor in the rat adrenal cortex: effects of suramin and unilateral adrenalectomy on receptor numbers.. Endocrinology, 1994, 134, 2482-2489.	2.8	26
30	Transcriptome analysis and kidney research: Toward systems biology. Kidney International, 2005, 67, 2114-2122.	5.2	25
31	Sodium Reabsorption in the Thick Ascending Limb in Relation to Blood Pressure. Hypertension, 2011, 57, 873-879.	2.7	23
32	Vasodilatation in the rat dorsal hindpaw induced by activation of sensory neurons is reduced by paclitaxel. NeuroToxicology, 2011, 32, 140-149.	3.0	21
33	Chromosome substitution modulates resistance to ischemia reperfusion injury in Brown Norway rats. Kidney International, 2013, 83, 242-250.	5.2	21
34	Basic fibroblast growth factor may mediate proliferation in the compensatory adrenal growth response. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1993, 265, R1253-R1261.	1.8	20
35	Human adipose stromal cell therapy improves survival and reduces renal inflammation and capillary rarefaction in acute kidney injury. Journal of Cellular and Molecular Medicine, 2017, 21, 1420-1430.	3.6	19
36	Low Proliferative Potential and Impaired Angiogenesis of Cultured Rat Kidney Endothelial Cells. Microcirculation, 2012, 19, 598-609.	1.8	18

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37	Transforming growth factor-Î² as a target for treatment in diabetic nephropathy. American Journal of Kidney Diseases, 2001, 38, 887-890.	1.9	16
38	TGF-Î² in Renal Development and Renal Growth. Mineral and Electrolyte Metabolism, 1998, 24, 144-148.	1.1	15
39	Enhanced skeletal muscle arteriolar reactivity to ANG II after recovery from ischemic acute renal failure. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1770-R1776.	1.8	15
40	Specific Lowering of Asymmetric Dimethylarginine by Pharmacological Dimethylarginine Dimethylaminohydrolase Improves Endothelial Function, Reduces Blood Pressure and Ischemia-Reperfusion Injury. Journal of Pharmacology and Experimental Therapeutics, 2021, 376, 181-189.	2.5	13
41	Mutation of RORÎ³T reveals a role for Th17 cells in both injury and recovery from renal ischemia-reperfusion injury. American Journal of Physiology - Renal Physiology, 2020, 319, F796-F808.	2.7	12
42	T helper 17 cells in the pathophysiology of acute and chronic kidney disease. Kidney Research and Clinical Practice, 2021, 40, 12-28.	2.2	12
43	Basic fibroblast growth factor receptor in the rat adrenal cortex: effects of suramin and unilateral adrenalectomy on receptor numbers. Endocrinology, 1994, 134, 2482-2489.	2.8	11
44	Angiostatin Does Not Contribute to Skeletal Muscle Microvascular Rarefaction with Low Nitric Oxide Bioavailability. Microcirculation, 2007, 14, 145-153.	1.8	8
45	Challenges of targeting vascular stability in acute kidney injury. Kidney International, 2008, 74, 257-258.	5.2	7
46	Novel Approaches in the Investigation of Acute Kidney Injury. Journal of the American Society of Nephrology: JASN, 2007, 18, 7-9.	6.1	6
47	Activated Pericytes and the Inhibition of Renal Vascular Stability: Obstacles for Kidney Repair. Journal of the American Society of Nephrology: JASN, 2012, 23, 767-769.	6.1	6
48	Is angiotensin II's role in fibrosis as easy as PAI(-1)?. Kidney International, 2000, 58, 460-461.	5.2	4
49	Getting the â€œInsideâ€•Scoop on EphrinB2 Signaling in Pericytes and the Effect on Peritubular Capillary Stability. Journal of the American Society of Nephrology: JASN, 2013, 24, 521-523.	6.1	4
50	Surprising Enhancement of Fibrosis by Tubule-Specific Deletion of the TGF-Î² Receptor: A New Twist on an Old Paradigm. Journal of the American Society of Nephrology: JASN, 2017, 28, 3427-3429.	6.1	4
51	Macrophage dynamics in kidney repair: elucidation of a COX-2â€"dependent MafB pathway to affect macrophage differentiation. Kidney International, 2022, 101, 15-18.	5.2	4
52	A Therapeutic Extracorporeal Device for Specific Removal of Pathologic Asymmetric Dimethylarginine from the Blood. Blood Purification, 2022, 51, 889-898.	1.8	3
53	Toward an effective gene therapy in renal disease. Kidney International, 1999, 55, 740-741.	5.2	1
54	Unique Gene Expression in Developing Ascending Vasa Recta: A Tale of Tie. Journal of the American Society of Nephrology: JASN, 2018, 29, 1073-1074.	6.1	1

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55	Crystals or His(stones): Rethinking AKI in Tumor Lysis Syndrome. Journal of the American Society of Nephrology: JASN, 2022, 33, 1055-1057.	6.1	1
56	A GAP in our knowledge of vascular signaling in acute kidney injury. Kidney International, 2011, 80, 233-235.	5.2	0
57	Molecular Mechanism for the Downregularion of KU70 in Apoptotic Cells.. Blood, 2004, 104, 1274-1274.	1.4	0