

David J Kennedy

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

3,391
citations

159358

30
h-index

143772

57
g-index

75
all docs

75
docs citations

75
times ranked

4797
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic modeling of hospitalized COVID-19 patients reveals disease state-dependent risk factors. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 864-872.	2.2	1
2	A PON for All Seasons: Comparing Paraoxonase Enzyme Substrates, Activity and Action including the Role of PON3 in Health and Disease. <i>Antioxidants</i> , 2022, 11, 590.	2.2	10
3	As We Drink and Breathe: Adverse Health Effects of Microcystins and Other Harmful Algal Bloom Toxins in the Liver, Gut, Lungs and Beyond. <i>Life</i> , 2022, 12, 418.	1.1	35
4	Paraoxonase-1 Regulation of Renal Inflammation and Fibrosis in Chronic Kidney Disease. <i>Antioxidants</i> , 2022, 11, 900.	2.2	7
5	Dirty Jobs: Macrophages at the Heart of Cardiovascular Disease. <i>Biomedicines</i> , 2022, 10, 1579.	1.4	4
6	Vascular Calcification in Chronic Kidney Disease: Diversity in the Vessel Wall. <i>Biomedicines</i> , 2021, 9, 404.	1.4	34
7	Microcystin-LR (MC-LR) Triggers Inflammatory Responses in Macrophages. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9939.	1.8	5
8	Budget constrained machine learning for early prediction of adverse outcomes for COVID-19 patients. <i>Scientific Reports</i> , 2021, 11, 19543.	1.6	6
9	Toward Revealing Microcystin Distribution in Mouse Liver Tissue Using MALDI-MS Imaging. <i>Toxins</i> , 2021, 13, 709.	1.5	3
10	Regulation of Na/K-ATPase expression by cholesterol: isoform specificity and the molecular mechanism. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C1107-C1119.	2.1	8
11	Getting to the Heart and Soul of Chronic Kidney Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e017427.	1.6	3
12	Assessment of diagnostic biomarkers of liver injury in the setting of microcystin-LR (MC-LR) hepatotoxicity. <i>Chemosphere</i> , 2020, 257, 127111.	4.2	22
13	CD40 Receptor Knockout Protects against Microcystin-LR (MC-LR) Prolongation and Exacerbation of Dextran Sulfate Sodium (DSS)-Induced Colitis. <i>Biomedicines</i> , 2020, 8, 149.	1.4	9
14	Harmful Algal Bloom Toxicity in <i>Lithobates catesbeiana</i> Tadpoles. <i>Toxins</i> , 2020, 12, 378.	1.5	5
15	Renal Fibrosis Is Significantly Attenuated Following Targeted Disruption of <i>Cd40</i> in Experimental Renal Ischemia. <i>Journal of the American Heart Association</i> , 2020, 9, e014072.	1.6	11
16	Epithelial and Endothelial Adhesion of Immune Cells Is Enhanced by Cardiotonic Steroid Signaling Through Na ⁺ /K ⁺ -ATPase. <i>Journal of the American Heart Association</i> , 2020, 9, e013933.	1.6	9
17	Development and Application of Extraction Methods for LC-MS Quantification of Microcystins in Liver Tissue. <i>Toxins</i> , 2020, 12, 263.	1.5	13
18	A strategic expression method of miR-29b and its anti-fibrotic effect based on RNA-sequencing analysis. <i>PLoS ONE</i> , 2020, 15, e0244065.	1.1	8

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19	Impact of Comorbidities on SARS-CoV-2 Viral Entry-Related Genes. <i>Journal of Personalized Medicine</i> , 2020, 10, 146.	1.1	17
20	Paraoxonase-1 regulation of Na/K-ATPase α 1 Src signaling in Chronic Kidney Disease. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
21	Abstract 16835: Targeted Disruption of Paraoxonase 3 in a Dahl Salt-Sensitive Rat Model of Chronic Kidney Disease Increases Renal Cortical Pro-Inflammatory Eicosanoids. <i>Circulation</i> , 2020, 142, .	1.6	1
22	Abstract 16965: Paraoxonase-1 Modulates Cardiotonic Steroid Induced Cardiac Inflammation and Fibrosis in Dahl Salt Sensitive Model of Chronic Kidney Disease. <i>Circulation</i> , 2020, 142, .	1.6	0
23	Circulating Lactonase Activity but Not Protein Level of PON-1 Predicts Adverse Outcomes in Subjects with Chronic Kidney Disease. <i>Journal of Clinical Medicine</i> , 2019, 8, 1034.	1.0	16
24	Exposure to the Harmful Algal Bloom (HAB) Toxin Microcystin-LR (MC-LR) Prolongs and Increases Severity of Dextran Sulfate Sodium (DSS)-Induced Colitis. <i>Toxins</i> , 2019, 11, 371.	1.5	29
25	Chronic Low Dose Oral Exposure to Microcystin-LR Exacerbates Hepatic Injury in a Murine Model of Non-Alcoholic Fatty Liver Disease. <i>Toxins</i> , 2019, 11, 486.	1.5	30
26	Proinflammatory Effects of Cardiotonic Steroids Mediated by NKA α 1 (Na ⁺ /K ⁺ -ATPase α 1)/Src Complex in Renal Epithelial Cells and Immune Cells. <i>Hypertension</i> , 2019, 74, 73-82.	1.3	7
27	The Effect of Electronic-Cigarette Vaping on Cardiac Function and Angiogenesis in Mice. <i>Scientific Reports</i> , 2019, 9, 4085.	1.6	51
28	Hyperglycemia induces key genetic and phenotypic changes in human liver epithelial HepG2 cells which parallel the <i>Lepr^{db/j}</i> mouse model of non-alcoholic fatty liver disease (NAFLD). <i>PLoS ONE</i> , 2019, 14, e0225604.	1.1	16
29	CD36 Enhances Vascular Smooth Muscle Cell Proliferation and Development of Neointimal Hyperplasia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 263-275.	1.1	35
30	Na/K-ATPase/src complex mediates regulation of CD40 in renal parenchyma. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1138-1149.	0.4	15
31	Telocinobufagin, a Novel Cardiotonic Steroid, Promotes Renal Fibrosis via Na ⁺ /K ⁺ -ATPase Profibrotic Signaling Pathways. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2566.	1.8	21
32	Cardiotonic Steroids and the Sodium Trade Balance: New Insights into Trade-Off Mechanisms Mediated by the Na ⁺ /K ⁺ -ATPase. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2576.	1.8	32
33	Na/K-ATPase signaling mediates miR-29b-3p regulation and cardiac fibrosis formation in mice with chronic kidney disease. <i>PLoS ONE</i> , 2018, 13, e0197688.	1.1	36
34	Paraoxonase 2 prevents the development of heart failure. <i>Free Radical Biology and Medicine</i> , 2018, 121, 117-126.	1.3	21
35	Development and applications of solid-phase extraction and liquid chromatography-mass spectrometry methods for quantification of microcystins in urine, plasma, and serum. <i>Journal of Chromatography A</i> , 2018, 1573, 66-77.	1.8	27
36	Regulation of Cardiac Remodeling by Cardiac Na ⁺ /K ⁺ -ATPase Isoforms. <i>Frontiers in Physiology</i> , 2016, 7, 382.	1.3	38

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37	Cigarette smoking causes epigenetic changes associated with cardiorenal fibrosis. <i>Physiological Genomics</i> , 2016, 48, 950-960.	1.0	21
38	Protein Carbonylation of an Amino Acid Residue of the Na/K-ATPase α 1 Subunit Determines Na/K-ATPase Signaling and Sodium Transport in Renal Proximal Tubular Cells. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	32
39	Rapamycin Attenuates Cardiac Fibrosis in Experimental Uremic Cardiomyopathy by Reducing Marinobufagenin Levels and Inhibiting Downstream Pro-Fibrotic Signaling. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	33
40	Attenuation of Na/K-ATPase Mediated Oxidant Amplification with pNaKtide Ameliorates Experimental Uremic Cardiomyopathy. <i>Scientific Reports</i> , 2016, 6, 34592.	1.6	51
41	Na/K-ATPase signaling regulates collagen synthesis through microRNA-29b-3p in cardiac fibroblasts. <i>Physiological Genomics</i> , 2016, 48, 220-229.	1.0	47
42	Use of Surface-Enhanced Laser Desorption/Ionization with Time of Flight (SELDI-TOF) of the Urine in the Assessment of Acute Kidney Injury (AKI). <i>Marshall Journal of Medicine</i> , 2016, 2, .	0.1	0
43	CD36/SR-B2-TLR2 Dependent Pathways Enhance Porphyromonas gingivalis Mediated Atherosclerosis in the Ldlr KO Mouse Model. <i>PLoS ONE</i> , 2015, 10, e0125126.	1.1	37
44	Oxidized LDL-bound CD36 recruits an Na ⁺ /K ⁺ -ATPase-Lyn complex in macrophages that promotes atherosclerosis. <i>Science Signaling</i> , 2015, 8, ra91.	1.6	73
45	Elevated Plasma Marinobufagenin, An Endogenous Cardiotonic Steroid, Is Associated With Right Ventricular Dysfunction and Nitrate Stress in Heart Failure. <i>Circulation: Heart Failure</i> , 2015, 8, 1068-1076.	1.6	48
46	Gut Microbiota-Dependent Trimethylamine N-Oxide (TMAO) Pathway Contributes to Both Development of Renal Insufficiency and Mortality Risk in Chronic Kidney Disease. <i>Circulation Research</i> , 2015, 116, 448-455.	2.0	898
47	Plasma Ceruloplasmin, a Regulator of Nitric Oxide Activity, and Incident Cardiovascular Risk in Patients with CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014, 9, 462-467.	2.2	18
48	Cardiotonic Steroids and Sodium Excretion in Heart Failure with Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2014, 20, S79-S80.	0.7	1
49	Abstract 17746: Telecinobufagin, a Novel Cardiotonic Steroid, Promotes Myocardial and Renal Fibrosis via Na/K-ATPase Profibrotic Signalling Pathways. <i>Circulation</i> , 2014, 130, .	1.6	2
50	Increasing Serum Soluble Angiotensin-Converting Enzyme 2 Activity After Intensive Medical Therapy Is Associated With Better Prognosis in Acute Decompensated Heart Failure. <i>Journal of Cardiac Failure</i> , 2013, 19, 605-610.	0.7	25
51	Mitochondrial impairment in the five-sixth nephrectomy model of chronic renal failure: proteomic approach. <i>BMC Nephrology</i> , 2013, 14, 209.	0.8	35
52	Diminished Antioxidant Activity of High-Density Lipoprotein-Associated Proteins in Chronic Kidney Disease. <i>Journal of the American Heart Association</i> , 2013, 2, e000104-e000104.	1.6	61
53	CD36 and Na/K-ATPase- α 1 Form a Proinflammatory Signaling Loop in Kidney. <i>Hypertension</i> , 2013, 61, 216-224.	1.3	84
54	Diminished Antioxidant Activity of High-Density Lipoprotein-Associated Proteins in Chronic Kidney Disease. <i>Journal of the American Heart Association</i> , 2013, 2, .	1.6	26

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55	CD36 mediates proximal tubular binding and uptake of albumin and is upregulated in proteinuric nephropathies. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F1006-F1014.	1.3	40
56	Reactive Oxygen Species Modulation of Na/K-ATPase Regulates Fibrosis and Renal Proximal Tubular Sodium Handling. <i>International Journal of Nephrology</i> , 2012, 2012, 1-14.	0.7	52
57	Monoclonal antibody against marinobufagenin reverses cardiac fibrosis in rats with chronic renal failure. <i>American Journal of Hypertension</i> , 2012, 25, 690-696.	1.0	82
58	A CD36-dependent pathway enhances macrophage and adipose tissue inflammation and impairs insulin signalling. <i>Cardiovascular Research</i> , 2011, 89, 604-613.	1.8	158
59	Platelet Activation in Patients with Atherosclerotic Renal Artery Stenosis Undergoing Stent Revascularization. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 2185-2191.	2.2	13
60	Hematopoietic Cellâ€“Restricted Deletion of CD36 Reduces High-Fat Dietâ€“Induced Macrophage Infiltration and Improves Insulin Signaling in Adipose Tissue. <i>Diabetes</i> , 2011, 60, 1100-1110.	0.3	65
61	Endogenous cardiotonic steroids in chronic renal failure. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 2912-2919.	0.4	68
62	Pathogenic Role of Scavenger Receptor CD36 in the Metabolic Syndrome and Diabetes. <i>Metabolic Syndrome and Related Disorders</i> , 2011, 9, 239-245.	0.5	45
63	The cardiotonic steroid hormone marinobufagenin induces renal fibrosis: implication of epithelial-to-mesenchymal transition. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F922-F934.	1.3	61
64	Partial nephrectomy as a model for uremic cardiomyopathy in the mouse. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F450-F454.	1.3	96
65	Marinobufagenin Stimulates Fibroblast Collagen Production and Causes Fibrosis in Experimental Uremic Cardiomyopathy. <i>Hypertension</i> , 2007, 49, 215-224.	1.3	145
66	Ouabain decreases sarco(endo)plasmic reticulum calcium ATPase activity in rat hearts by a process involving protein oxidation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H3003-H3011.	1.5	31
67	Quality of Life Improves After Renal Artery Stenting. <i>Biological Research for Nursing</i> , 2006, 8, 129-137.	1.0	3
68	Central Role for the Cardiotonic Steroid Marinobufagenin in the Pathogenesis of Experimental Uremic Cardiomyopathy. <i>Hypertension</i> , 2006, 47, 488-495.	1.3	246
69	Renal insufficiency as a predictor of adverse events and mortality after renal artery stent placement. <i>American Journal of Kidney Diseases</i> , 2003, 42, 926-935.	2.1	97
70	Effect of Chronic Renal Failure on Cardiac Contractile Function, Calcium Cycling, and Gene Expression of Proteins Important for Calcium Homeostasis in the Rat. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 90-97.	3.0	77