

Vivek Bhalla

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,610
citations

257101

24
h-index

189595

50
g-index

64
all docs

64
docs citations

64
times ranked

3879
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiorenal Syndrome: Classification, Pathophysiology, Diagnosis, and Treatment Strategies: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2019, 139, e840-e878.	1.6	619
2	Mechanisms of ENaC Regulation and Clinical Implications. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 1845-1854.	3.0	232
3	Serum- and Glucocorticoid-Regulated Kinase 1 Regulates Ubiquitin Ligase Neural Precursor Cell-Expressed, Developmentally Down-Regulated Protein 4-2 by Inducing Interaction with 14-3-3. <i>Molecular Endocrinology</i> , 2005, 19, 3073-3084.	3.7	167
4	AMP-activated Kinase Inhibits the Epithelial Na ⁺ Channel through Functional Regulation of the Ubiquitin Ligase Nedd4-2. <i>Journal of Biological Chemistry</i> , 2006, 281, 26159-26169.	1.6	139
5	Melamine nephrotoxicity: an emerging epidemic in an era of globalization. <i>Kidney International</i> , 2009, 75, 774-779.	2.6	135
6	Cardiorenal Protection With the Newer Antidiabetic Agents in Patients With Diabetes and Chronic Kidney Disease: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2020, 142, e265-e286.	1.6	107
7	Screening Rates for Primary Aldosteronism in Resistant Hypertension. <i>Hypertension</i> , 2020, 75, 650-659.	1.3	92
8	Disinhibitory pathways for control of sodium transport: regulation of ENaC by SGK1 and GILZ. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, F714-F721.	1.3	89
9	Testing for Primary Aldosteronism and Mineralocorticoid Receptor Antagonist Use Among U.S. Veterans. <i>Annals of Internal Medicine</i> , 2021, 174, 289-297.	2.0	79
10	SGK1: A Rapid Aldosterone-Induced Regulator of Renal Sodium Reabsorption. <i>Physiology</i> , 2005, 20, 134-139.	1.6	74
11	Sound Science before Quick Judgement Regarding RAS Blockade in COVID-19. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 714-716.	2.2	74
12	Racial/Ethnic Differences in the Prevalence of Proteinuric and Nonproteinuric Diabetic Kidney Disease. <i>Diabetes Care</i> , 2013, 36, 1215-1221.	4.3	62
13	Low-Level Lead Exposure and the Prevalence of Gout. <i>Annals of Internal Medicine</i> , 2012, 157, 233.	2.0	50
14	2019 AHA/ACC Clinical Performance and Quality Measures for Adults With High Blood Pressure: A Report of the American College of Cardiology/American Heart Association Task Force on Performance Measures. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019, 12, e000057.	0.9	46
15	Neural Precursor Cell-expressed Developmentally Down-regulated Protein 4-2 (Nedd4-2) Regulation by 14-3-3 Protein Binding at Canonical Serum and Glucocorticoid Kinase 1 (SGK1) Phosphorylation Sites. <i>Journal of Biological Chemistry</i> , 2011, 286, 37830-37840.	1.6	42
16	Aldosterone Regulates MicroRNAs in the Cortical Collecting Duct to Alter Sodium Transport. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2445-2457.	3.0	42
17	A historical perspective on ACE2 in the COVID-19 era. <i>Journal of Human Hypertension</i> , 2021, 35, 935-939.	1.0	41
18	NH2 terminus of serum and glucocorticoid-regulated kinase 1 binds to phosphoinositides and is essential for isoform-specific physiological functions. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F1741-F1750.	1.3	40

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19	Phosphopeptide Screen Uncovers Novel Phosphorylation Sites of Nedd4-2 That Potentiate Its Inhibition of the Epithelial Na ⁺ Channel. <i>Journal of Biological Chemistry</i> , 2010, 285, 21671-21678.	1.6	39
20	Hypertension Hot Potato – Anatomy of the Angiotensin-Receptor Blocker Recalls. <i>New England Journal of Medicine</i> , 2019, 380, 1589-1591.	13.9	37
21	2019 AHA/ACC Clinical Performance and Quality Measures for Adults With High Blood Pressure. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2661-2706.	1.2	33
22	Regulation of the Water Channel Aquaporin-2 via 14-3-3 $\hat{\sigma}$ and - $\hat{\tau}$. <i>Journal of Biological Chemistry</i> , 2016, 291, 2469-2484.	1.6	31
23	Urinary Albumin, Sodium, and Potassium and Cardiovascular Outcomes in the UK Biobank. <i>Hypertension</i> , 2020, 75, 714-722.	1.3	29
24	Intercalated Cells of the Kidney Collecting Duct in Kidney Physiology. <i>Seminars in Nephrology</i> , 2019, 39, 353-367.	0.6	27
25	Prospective Biopsy-Based Study of CKD of Unknown Etiology in Sri Lanka. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 224-232.	2.2	27
26	New perspective of ClC-Kb/2 Cl ⁻ channel physiology in the distal renal tubule. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F923-F930.	1.3	24
27	Murine glomerular transcriptome links endothelial cell-specific molecule-1 deficiency with susceptibility to diabetic nephropathy. <i>PLoS ONE</i> , 2017, 12, e0185250.	1.1	23
28	Renal tubule insulin receptor modestly promotes elevated blood pressure and markedly stimulates glucose reabsorption. <i>JCI Insight</i> , 2018, 3, .	2.3	23
29	Age-Related Blood Pressure Sensitivity to Aldosterone in Blacks and Whites. <i>Hypertension</i> , 2018, 72, 247-252.	1.3	22
30	Na ⁺ -sensitive elevation in blood pressure is ENaC independent in diet-induced obesity and insulin resistance. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F812-F820.	1.3	19
31	Lead poisoning from an Ayurvedic herbal medicine in a patient with chronic kidney disease. <i>Nature Reviews Nephrology</i> , 2009, 5, 297-300.	4.1	18
32	Epidemiology, molecular, and genetic methodologies to evaluate causes of CKD around the world: report of the Working Group from the ISN International Consortium of Collaborators on CKD. <i>Kidney International</i> , 2019, 96, 1254-1260.	2.6	16
33	Is There a Sweet Spot for Nrf2 Activation in the Treatment of Diabetic Kidney Disease?. <i>Diabetes</i> , 2014, 63, 2904-2905.	0.3	13
34	Molecular Mechanisms of Sodium-Sensitive Hypertension in the Metabolic Syndrome. <i>Current Hypertension Reports</i> , 2017, 19, 60.	1.5	13
35	Current Status of Angiotensin Receptor Blocker Recalls. <i>Hypertension</i> , 2019, 74, 1275-1278.	1.3	12
36	Harvest and primary culture of the murine aldosterone-sensitive distal nephron. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F1306-F1315.	1.3	11

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37	Improved protocols for the study of urinary electrolyte excretion and blood pressure in rodents: use of gel food and stepwise changes in diet composition. American Journal of Physiology - Renal Physiology, 2018, 314, F1129-F1137.	1.3	8
38	Aldosterone sensitivity: an opportunity to explore the pathogenesis of hypertension. American Journal of Physiology - Renal Physiology, 2021, 320, F325-F335.	1.3	7
39	A Transcriptional Blueprint for Human and Murine Diabetic Kidney Disease. Diabetes, 2013, 62, 31-33.	0.3	6
40	Pemetrexed-Induced Nephrogenic Diabetes Insipidus. American Journal of Kidney Diseases, 2016, 68, 628-632.	2.1	6
41	The Missing Link: Studying the Alternative TGF- β Pathway Provides a Unifying Theory for Different Components of Diabetic Nephropathy. Diabetes, 2015, 64, 1898-1900.	0.3	5
42	AMPK phosphorylation of the β PIX exchange factor regulates the assembly and function of an ENaC inhibitory complex in kidney epithelial cells. American Journal of Physiology - Renal Physiology, 2019, 317, F1513-F1525.	1.3	5
43	Canagliflozin, serum magnesium and cardiovascular outcomes—Analysis from the CANVAS Program. Endocrinology, Diabetes and Metabolism, 2021, 4, e00247.	1.0	5
44	Comparison of routine and automated office blood pressure measurement. Blood Pressure Monitoring, 2019, 24, 174-178.	0.4	4
45	Aldosterone Regulation of Ion Transport. , 2012, , 202-225.		3
46	Hypothesis: Accessory renal arteries may be an overlooked cause of renin-dependent hypertension. Journal of Human Hypertension, 2022, 36, 493-497.	1.0	3
47	Explaining the Coincidence Rule for Estimating Respiratory Compensation in Metabolic Acid-Base Disorders. Annals of Internal Medicine, 2017, 166, 610.	2.0	2
48	SGLT2 inhibitors: diabetic kidney disease and beyond. American Journal of Physiology - Renal Physiology, 2020, 319, F780-F781.	1.3	2
49	Changing the Trajectory of Heart Failure and Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2022, , CJN.00470122.	2.2	2
50	In diabetic nephropathy, high doses of vitamin B decrease glomerular filtration rate and increase risk of the composite outcome of a vascular event or all-cause mortality compared with placebo. Evidence-Based Medicine, 2011, 16, 14-15.	0.6	1
51	Uncontrolled Hypertension in an Elderly Man on Multiple Antihypertensive Drugs. Hypertension, 2020, 76, 1658-1663.	1.3	1
52	Masking by hypokalemia—primary aldosteronism with undetectable aldosterone. CKJ: Clinical Kidney Journal, 2021, 14, 1269-1271.	1.4	1
53	AMPK Regulates the Vacuolar H ⁺ ATPase via 14-3-3 Proteins. FASEB Journal, 2015, 29, 969-23.	0.2	1
54	A Novel High-Resolution Magnetic Resonance Imaging Protocol Detects Aldosterone-Producing Adenomas in Patients With Negative Computed Tomography. American Journal of Hypertension, 2018, 31, 928-932.	1.0	0

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55	Insights from direct renal insulin infusion: a new hammer for an age-old nail. American Journal of Physiology - Renal Physiology, 2018, 314, F926-F927.	1.3	0
56	Celebrating 40 Years of Accomplishments. Hypertension, 2019, 73, 3-6.	1.3	0
57	How We Manage Hypertension in a Patient with a Recent Stroke. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 1352-1354.	2.2	0
58	Phosphopeptide Screen Uncovers JNK1 as a Potentiator of Nedd4 ² -Mediated Epithelial Na ⁺ Channel Inhibition. FASEB Journal, 2010, 24, 611.18.	0.2	0
59	Abstract P145: Screening Rates for the Diagnostic Workup of Resistant Hypertension. Hypertension, 2017, 70, .	1.3	0
60	Esm ¹ Protects Mice from Glomerular Macrophage Infiltration and Macroalbuminuria in Diabetic Nephropathy. FASEB Journal, 2019, 33, 567.16.	0.2	0
61	Diverse nephron cell type-specific adaptation to furosemide by morphometry and single cell RNA sequencing. FASEB Journal, 2019, 33, 862.29.	0.2	0
62	Self-limited Hypertension Due to Kidney Infarction. Kidney Medicine, 2022, 4, 100454.	1.0	0