

Tahir Hussain

List of Publications by Year in descending order

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51
papers

1,862
citations

218677

26
h-index

254184

43
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53
all docs

53
docs citations

53
times ranked

1682
citing authors

#	ARTICLE	IF	CITATIONS
1	Trimethylamine-N-Oxide Instigates NLRP3 Inflammasome Activation and Endothelial Dysfunction. Cellular Physiology and Biochemistry, 2017, 44, 152-162.	1.6	187
2	Renal Dopamine Receptor Function in Hypertension. Hypertension, 1998, 32, 187-197.	2.7	177
3	Renal Dopamine Receptors and Hypertension. Experimental Biology and Medicine, 2003, 228, 134-142.	2.4	170
4	Chronic AT ₂ receptor activation increases renal ACE2 activity, attenuates AT ₁ receptor function and blood pressure in obese Zucker rats. Kidney International, 2013, 84, 931-939.	5.2	78
5	Proximal Tubule Angiotensin AT ₂ Receptors Mediate an Anti-Inflammatory Response via Interleukin-10. Hypertension, 2013, 61, 1218-1226.	2.7	76
6	Renal Angiotensin II Type-2 Receptors Are Upregulated and Mediate the Candesartan-Induced Natriuresis/Diuresis in Obese Zucker Rats. Hypertension, 2005, 45, 270-275.	2.7	74
7	Angiotensin II AT ₂ receptors inhibit proximal tubular Na ⁺ -K ⁺ -ATPase activity via a NO/cGMP-dependent pathway. American Journal of Physiology - Renal Physiology, 2006, 290, F1430-F1436.	2.7	71
8	Role of the angiotensin II AT ₂ receptor in inflammation and oxidative stress: opposing effects in lean and obese Zucker rats. American Journal of Physiology - Renal Physiology, 2011, 300, F700-F706.	2.7	65
9	Angiotensin AT ₂ receptor stimulation is anti-inflammatory in lipopolysaccharide-activated THP-1 macrophages via increased interleukin-10 production. Hypertension Research, 2015, 38, 21-29.	2.7	65
10	Renal angiotensin II AT ₂ receptors promote natriuresis in streptozotocin-induced diabetic rats. American Journal of Physiology - Renal Physiology, 2006, 290, F503-F508.	2.7	53
11	Defective Dopamine Receptor Function in Proximal Tubules of Obese Zucker Rats. Hypertension, 1999, 34, 1091-1096.	2.7	51
12	Angiotensin II Type 2 Receptor and Receptor Mas Are Colocalized and Functionally Interdependent in Obese Zucker Rat Kidney. Hypertension, 2017, 70, 831-838.	2.7	48
13	Angiotensin AT ₂ receptor agonist prevents salt-sensitive hypertension in obese Zucker rats. American Journal of Physiology - Renal Physiology, 2015, 308, F1379-F1385.	2.7	46
14	Angiotensin II Type 2 Receptor Agonist Directly Inhibits Proximal Tubule Sodium Pump Activity in Obese But Not in Lean Zucker Rats. Hypertension, 2006, 47, 1117-1124.	2.7	44
15	AT ₂ receptor non-peptide agonist C21 promotes natriuresis in obese Zucker rats. Hypertension Research, 2012, 35, 654-660.	2.7	42
16	Bromocriptine Regulates Angiotensin II Response on Sodium Pump in Proximal Tubules. Hypertension, 1998, 32, 1054-1059.	2.7	41
17	Increased Renal Angiotensin II AT ₁ Receptor Function in Obese Zucker Rat. Clinical and Experimental Hypertension, 2003, 25, 35-47.	1.3	41
18	Protective Role of Angiotensin II Subtype 2 Receptor in Blood Pressure Increase in Obese Zucker Rats. Hypertension, 2009, 53, 256-261.	2.7	39

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19	High Na intake increases renal angiotensin II levels and reduces expression of the ACE2-AT2R-MasR axis in obese Zucker rats. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F412-F419.	2.7	33
20	Angiotensin II Type 2 Receptor: A Target for Protection Against Hypertension, Metabolic Dysfunction, and Organ Remodeling. <i>Hypertension</i> , 2021, 77, 1845-1856.	2.7	33
21	Angiotensin II Type 2 Receptor Agonist C21 Reduces Proteinuria and Oxidative Stress in Kidney of High-Salt Fed Obese Zucker Rats. <i>Hypertension</i> , 2016, 67, 906-915.	2.7	32
22	Angiotensin AT2 Receptor Contributes towards Gender Bias in Weight Gain. <i>PLoS ONE</i> , 2013, 8, e48425.	2.5	32
23	Dimerization of AT2 and Mas Receptors in Control of Blood Pressure. <i>Current Hypertension Reports</i> , 2018, 20, 41.	3.5	28
24	Estimation of angiotensin peptides in biological samples by LC-MS method. <i>Analytical Methods</i> , 2014, 6, 215-222.	2.7	27
25	Chronic angiotensin AT2R activation prevents high-fat diet-induced adiposity and obesity in female mice independent of estrogen. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 814-825.	3.4	27
26	Hyperphosphorylation of Na-Pump Contributes to Defective Renal Dopamine Response in Old Rats. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 226-232.	6.1	26
27	Dopamine D2 Receptor Activation Causes Mitogenesis via p44/42 Mitogen-Activated Protein Kinase in Opossum Kidney Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 1844-1852.	6.1	26
28	Emerging Role of Angiotensin AT2 Receptor in Anti-Inflammation: An Update. <i>Current Pharmaceutical Design</i> , 2020, 26, 492-500.	1.9	26
29	DOPAMINE FAILS TO INHIBIT Na,H-EXCHANGER IN PROXIMAL TUBULES OF OBESE ZUCKER RATS. <i>Clinical and Experimental Hypertension</i> , 2001, 23, 591-601.	1.3	22
30	Angiotensin type 2 receptor null mice express reduced levels of renal angiotensin converting enzyme-2/angiotensin (1-7)/Mas receptor and exhibit greater high-fat diet-induced kidney injury. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2016, 17, 147032031666187.	1.7	20
31	Renal Dopamine Receptor Signaling Mechanisms in Spontaneously Hypertensive and Fischer 344 Old Rats. <i>Clinical and Experimental Hypertension</i> , 1999, 21, 25-36.	1.3	18
32	Renal Angiotensin II Receptors, Hyperinsulinemia, and Obesity. <i>Clinical and Experimental Hypertension</i> , 2003, 25, 395-403.	1.3	18
33	High glucose up-regulates angiotensin II subtype 2 receptors via interferon regulatory factor-1 in proximal tubule epithelial cells. <i>Molecular and Cellular Biochemistry</i> , 2010, 344, 65-71.	3.1	18
34	Inhibition of NAD(P)H oxidase potentiates AT2 receptor agonist-induced natriuresis in Sprague-Dawley rats. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, F815-F820.	2.7	17
35	Role of angiotensin type 2 receptor in improving lipid metabolism and preventing adiposity. <i>Molecular and Cellular Biochemistry</i> , 2019, 461, 195-204.	3.1	15
36	Prevention of lipopolysaccharide-induced CD11b+ immune cell infiltration in the kidney: role of AT2 receptors. <i>Bioscience Reports</i> , 2019, 39, .	2.4	14

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37	Angiotensin type 2 receptor activation limits kidney injury during the early phase and induces Treg cells during the late phase of renal ischemia. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F814-F825.	2.7	14
38	Angiotensin AT2 Receptor is Anti-inflammatory and Reno-Protective in Lipopolysaccharide Mice Model: Role of IL-10. <i>Frontiers in Pharmacology</i> , 2021, 12, 600163.	3.5	13
39	Simvastatin improves lysosome function via enhancing lysosome biogenesis in endothelial cells. <i>Frontiers in Bioscience - Landmark</i> , 2020, 25, 283-298.	3.0	11
40	DOPAMINE INHIBITS Na,H-EXCHANGER VIA D1-LIKE RECEPTOR-MEDIATED STIMULATION OF PROTEIN KINASE A IN RENAL PROXIMAL TUBULES. <i>Clinical and Experimental Hypertension</i> , 2000, 22, 635-644.	1.3	8
41	Novel Targets for Hypertension Drug Discovery. <i>Current Hypertension Reports</i> , 2021, 23, 19.	3.5	4
42	Exploring AT2R and its Polymorphism in Different Diseases: An Approach to Develop AT2R as a Drug Target beyond Hypertension. <i>Current Drug Targets</i> , 2022, 23, 99-113.	2.1	3
43	Role of AT2R (Angiotensin Type 2 Receptor) in Maintaining Sodium-Potassium Balance. <i>Hypertension</i> , 2018, 71, 563-565.	2.7	2
44	Synergism between Angiotensin receptors ligands: Role of Angiotensinâ€(1â€7) in modulating AT₂R agonist response on nitric oxide in kidney cells. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00667.	2.4	2
45	AT2 receptor: Its role in obesity associated hypertension. <i>International Journal of Clinical Pharmacology & Toxicology</i> , 2012, 1, 15-19.	1.0	1
46	Combining Nephilysin Inhibitor With AT2R Agonist Is Superior to Combination With AT1R Blocker in Providing Reno-Protection in Obese Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 778953.	3.5	1
47	Kidney Appreciates Stable Blood Pressure. <i>American Journal of Hypertension</i> , 2018, 31, 532-533.	2.0	0
48	Differential regulation of kidney RAS genes by high sodium intake in lean and obese Zucker rats. <i>FASEB Journal</i> , 2010, 24, 1b705.	0.5	0
49	Activation of AT2 receptors reduces renal AT1 receptor function and enhances ACE2 activity in obese Zucker rats. <i>FASEB Journal</i> , 2012, 26, 885.8.	0.5	0
50	Angiotensin AT2 Receptor Agonist Prevents Saltâ€Sensitive Hypertension in Obese Zucker Rats. <i>FASEB Journal</i> , 2015, 29, 960.19.	0.5	0
51	Increased At1 Receptors and Gi± Expression Contribute to Greater Angiotensin Ii-Mediated Stimulation of Na,H-Exchanger in Proximal Tubules of Hypertensive Obese Rats. <i>Hypertension</i> , 2000, 36, 726-726.	2.7	0