Vladimir T Todorov

List of Publications by Year
in descending order

47 papers	1,225 citations	393982 19 h-index	377514 34 g-index
48 all docs	48 docs citations	48 times ranked	1793 citing authors

#	Article	IF	Citations
1	Developmental endothelial locus-1 protects from hypertension-induced cardiovascular remodeling via immunomodulation. Journal of Clinical Investigation, 2022, 132, .	3.9	15
2	Prolylâ€4â€hydroxylases 2 and 3 control erythropoietin production in reninâ€expressing cells of mouse kidneys. Journal of Physiology, 2022, 600, 671-694.	1.3	13
3	Patterns of differentiation of renin lineage cells during nephrogenesis. American Journal of Physiology - Renal Physiology, 2021, 321, F378-F388.	1.3	1
4	Beyond the Paradigm: Novel Functions of Renin-Producing Cells. Reviews of Physiology, Biochemistry and Pharmacology, 2020, 177, 53-81.	0.9	8
5	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) and the neuroendocrine stress axis. Molecular Psychiatry, 2020, 25, 1611-1617.	4.1	70
6	A new analysis approach for single nephron GFR in intravital microscopy of mice. F1000Research, 2020, 9, 1372.	0.8	4
7	A new analysis approach for single nephron GFR in intravital microscopy of mice. F1000Research, 2020, 9, 1372.	0.8	1
8	Renin cells with defective GsÎ±/cAMP signaling contribute to renal endothelial damage. Pflugers Archiv European Journal of Physiology, 2019, 471, 1205-1217.	1.3	8
9	Systemic ÃŸ adrenergic stimulation/ sympathetic nerve system stimulation influences intraocular RAS through cAMP in the RPE. Experimental Eye Research, 2019, 189, 107828.	1.2	6
10	New automatic quantification method of immunofluorescence and histochemistry in whole histological sections. Cellular Signalling, 2019, 62, 109335.	1.7	5
11	ADMA elevation does not exacerbate development of diabetic nephropathy in mice with streptozotocin-induced diabetes mellitus. Atherosclerosis Supplements, 2019, 40, 100-105.	1.2	6
12	COX-2-derived PGE2 triggers hyperplastic renin expression and hyperreninemia in aldosterone synthase-deficient mice. Pflugers Archiv European Journal of Physiology, 2018, 470, 1127-1137.	1.3	11
13	Progenitor Renin Lineage Cells are not involved in the regeneration of glomerular endothelial cells during experimental renal thrombotic microangiopathy. PLoS ONE, 2018, 13, e0196752.	1.1	8
14	Back to the roots of regulated necrosis. Journal of Cell Biology, 2017, 216, 303-304.	2.3	5
15	The PPAR-gamma-binding sequence Pal3 is necessary for basal but dispensable for high-fat diet regulated human renin expression in the kidney. Pflugers Archiv European Journal of Physiology, 2017, 469, 1349-1357.	1.3	0
16	H.E.L.P apheresis exerts long term effects on the capacity of circulating proangiogenic cells. Atherosclerosis Supplements, 2017, 30, 232-237.	1.2	1
17	Interference with GsÎ±-Coupled Receptor Signaling in Renin-Producing Cells Leads to Renal Endothelial Damage. Journal of the American Society of Nephrology: JASN, 2017, 28, 3479-3489.	3.0	15
18	ADMA reduction does not protect mice with streptozotocin-induced diabetes mellitus from development of diabetic nephropathy. Atherosclerosis Supplements, 2017, 30, 319-325.	1.2	3

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19	Persistent and inducible neogenesis repopulates progenitor renin lineage cells in the kidney. Kidney International, 2017, 92, 1419-1432.	2.6	27
20	Abstract 185: Transgenic Overexpression of Alanine-glyoxylate Aminotransferase 2 in Mice Lowers Asymmetric Dimethylarginine and Improves Vasomotor Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, .	1.1	0
21	Extrarenal Progenitor Cells Do Not Contribute to Renal Endothelial Repair. Journal of the American Society of Nephrology: JASN, 2016, 27, 1714-1726.	3.0	30
22	Abstract 453: Transgenic Overexpression of Alanine-glyoxylate Aminotransferase 2 in Mice Lowers Asymmetric Dimethylarginine and Improves Vasomotor Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	1.1	0
23	Antihypertensive and cardioprotective effects of the dipeptide isoleucineâ€“tryptophan and whey protein hydrolysate. Acta Physiologica, 2015, 215, 167-176.	1.8	30
24	Renin Lineage Cells Repopulate the Glomerular Mesangium after Injury. Journal of the American Society of Nephrology: JASN, 2015, 26, 48-54.	3.0	69
25	Human CLC-K Channels Require Palmitoylation of Their Accessory Subunit Barttin to Be Functional. Journal of Biological Chemistry, 2015, 290, 17390-17400.	1.6	18
26	Inducible glomerular erythropoietin production in the adult kidney. Kidney International, 2015, 88, 1345-1355.	2.6	51
27	Abstract 373: Transgenic Overexpression of Alanine-glyoxylate Aminotransferase 2 Lowers Tissue Levels of Asymmetric Dimethylarginine and Improves Endothelial Function in Mouse Aortas. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	1.1	0
28	The SGLT2 inhibitor empagliflozin ameliorates early features of diabetic nephropathy in BTBR ob/ob type 2 diabetic mice with and without hypertension. American Journal of Physiology - Renal Physiology, 2014, 307, F317-F325.	1.3	162
29	PPARgamma-Dependent Control of Renin Expression: Molecular Mechanisms and Pathophysiological Relevance. PPAR Research, 2013, 2013, 1-6.	1.1	3
30	Renin gene expression is regulated by Chicken Ovalbumin Upstream Promoter Transcription Factor II (COUPâ€TF II). FASEB Journal, 2013, 27, 1165.12.	0.2	0
31	Transgelin is a marker of repopulating mesangial cells after injury and promotes their proliferation and migration. Laboratory Investigation, 2012, 92, 812-826.	1.7	23
32	Chicken Ovalbumin Upstream Promoter Transcription Factor II Regulates Renin Gene Expression. Journal of Biological Chemistry, 2012, 287, 24483-24491.	1.6	7
33	Identification of ATF2 as a transcriptional regulator of renin gene. Biological Chemistry, 2012, 393, 93-100.	1.2	7
34	Angiotensin-2-Mediated Ca2+ Signaling in the Retinal Pigment Epithelium: Role of Angiotensin-Receptor-Associated-Protein and TRPV2 Channel. PLoS ONE, 2012, 7, e49624.	1.1	33
35	cAMP target sequences enhCRE and CNRE sense low-salt intake to increase human renin gene expression in vivo. Pflugers Archiv European Journal of Physiology, 2011, 461, 567-577.	1.3	14
36	Increased Renin Production in Mice With Deletion of Peroxisome Proliferator-Activated Receptor-Î³ in Juxtaglomerular Cells. Hypertension, 2010, 55, 660-666.	1.3	25

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37	Regulation of the renin expression in the retinal pigment epithelium by systemic stimuli. American Journal of Physiology - Renal Physiology, 2010, 299, F396-F403.	1.3	27
38	PPARÎ³-Dependent Regulation of Adenylate Cyclase 6 Amplifies the Stimulatory Effect of cAMP on Renin Gene Expression. Molecular Endocrinology, 2010, 24, 2139-2151.	3.7	15
39	Physiology of Kidney Renin. Physiological Reviews, 2010, 90, 607-673.	13.1	227
40	The Pal3 Promoter Sequence Is Critical for the Regulation of Human Renin Gene Transcription by Peroxisome Proliferator-Activated Receptor-Î³. Endocrinology, 2008, 149, 4647-4657.	1.4	22
41	Peroxisome Proliferator-Activated Receptor-Î³ Is Involved in the Control of Renin Gene Expression. Hypertension, 2007, 50, 939-944.	1.3	57
42	Pituitary Adenylate Cyclaseâ€“Activating Polypeptide Stimulates Renin Secretion via Activation of PAC1 Receptors. Journal of the American Society of Nephrology: JASN, 2007, 18, 1150-1156.	3.0	39
43	Role of CREB1 and NFÎºB-p65 in the Down-regulation of Renin Gene Expression by Tumor Necrosis Factor Î±. Journal of Biological Chemistry, 2005, 280, 24356-24362.	1.6	30
44	Tumor Necrosis Factor-Î± Activates NFÎºB to Inhibit Renin Transcription by Targeting cAMP-responsive Element. Journal of Biological Chemistry, 2004, 279, 1458-1467.	1.6	43
45	Tumor necrosis factor-Î± inhibits renin gene expression. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 283, R1046-R1051.	0.9	46
46	Angiotensin II inhibits renin gene transcription via the protein kinase C pathway. Pflugers Archiv European Journal of Physiology, 2002, 444, 499-505.	1.3	31
47	Differential Regulation of Cathepsin B and Prorenin Gene Expression in Renal Juxtaglomerular Cells. Kidney and Blood Pressure Research, 2001, 24, 75-78.	0.9	9