

Romer A Gonzalez-Villalobos

List of Publications by Year in descending order

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docs citations

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times ranked

2533
citing authors

#	ARTICLE	IF	CITATIONS
1	A Modern Understanding of the Traditional and Nontraditional Biological Functions of Angiotensin-Converting Enzyme. <i>Pharmacological Reviews</i> , 2013, 65, 1-46.	16.0	240
2	Intratubular Renin-Angiotensin System in Hypertension. <i>Hypertension</i> , 2011, 57, 355-362.	2.7	199
3	The absence of intrarenal ACE protects against hypertension. <i>Journal of Clinical Investigation</i> , 2013, 123, 2011-2023.	8.2	176
4	Natural Regulatory T Cells Control Coronary Arteriolar Endothelial Dysfunction in Hypertensive Mice. <i>American Journal of Pathology</i> , 2011, 178, 434-441.	3.8	109
5	Intrarenal angiotensin II and angiotensinogen augmentation in chronic angiotensin II-infused mice. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F772-F779.	2.7	102
6	Elevated Epidermal Growth Factor Receptor Phosphorylation Induces Resistance Artery Dysfunction in Diabetic <i>db/db</i> Mice. <i>Diabetes</i> , 2008, 57, 1629-1637.	0.6	94
7	Role of Advanced Glycation End Products With Oxidative Stress in Resistance Artery Dysfunction in Type 2 Diabetic Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1432-1438.	2.4	81
8	Different in vivo functions of the two catalytic domains of angiotensin-converting enzyme (ACE). <i>Current Opinion in Pharmacology</i> , 2011, 11, 105-111.	3.5	70
9	Angiotensin-converting enzyme enhances the oxidative response and bactericidal activity of neutrophils. <i>Blood</i> , 2017, 130, 328-339.	1.4	68
10	Interferon γ biphasically regulates angiotensinogen expression via a JAK-STAT pathway and suppressor of cytokine signaling 1 (SOCS1) in renal proximal tubular cells. <i>FASEB Journal</i> , 2012, 26, 1821-1830.	0.5	63
11	Costimulation with angiotensin II and interleukin 6 augments angiotensinogen expression in cultured human renal proximal tubular cells. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F283-F289.	2.7	62
12	Intrarenal mouse renin-angiotensin system during ANG II-induced hypertension and ACE inhibition. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, F150-F157.	2.7	62
13	Reciprocal changes in renal ACE/ANG II and ACE2/ANG 1 \rightarrow 7 are associated with enhanced collecting duct renin in Goldblatt hypertensive rats. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, F749-F755.	2.7	61
14	Intrarenal Angiotensin-Converting Enzyme Induces Hypertension in Response to Angiotensin I Infusion. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 449-459.	6.1	54
15	Angiotensin-Converting Enzyme-Derived Angiotensin II Formation During Angiotensin II-Induced Hypertension. <i>Hypertension</i> , 2009, 53, 351-355.	2.7	50
16	IL-6 augments angiotensinogen in primary cultured renal proximal tubular cells. <i>Molecular and Cellular Endocrinology</i> , 2009, 311, 24-31.	3.2	49
17	Rediscovering ACE: novel insights into the many roles of the angiotensin-converting enzyme. <i>Journal of Molecular Medicine</i> , 2013, 91, 1143-1154.	3.9	48
18	Renal Angiotensin-Converting Enzyme Is Essential for the Hypertension Induced by Nitric Oxide Synthesis Inhibition. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2752-2763.	6.1	48

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19	Diamagnetic levitation changes growth, cell cycle, and gene expression of <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2007, 98, 854-863.	3.3	46
20	Renal angiotensin-converting enzyme and blood pressure control. <i>Current Opinion in Nephrology and Hypertension</i> , 2014, 23, 106-112.	2.0	38
21	JAK-STAT and the renin-angiotensin system. <i>Jak-stat</i> , 2012, 1, 250-256.	2.2	32
22	The Absence of the ACE N-Domain Decreases Renal Inflammation and Facilitates Sodium Excretion during Diabetic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2546-2561.	6.1	30
23	Renal tubular ACE-mediated tubular injury is the major contributor to microalbuminuria in early diabetic nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F531-F542.	2.7	29
24	Renal Generation of Angiotensin II and the Pathogenesis of Hypertension. <i>Current Hypertension Reports</i> , 2014, 16, 477.	3.5	26
25	The Increasing Complexity of the Intratubular Renin-Angiotensin System. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1130-1132.	6.1	22
26	Salt Sensitivity in Response to Renal Injury Requires Renal Angiotensin-Converting Enzyme. <i>Hypertension</i> , 2015, 66, 534-542.	2.7	22
27	Novel roles of the renal angiotensin-converting enzyme. <i>Molecular and Cellular Endocrinology</i> , 2021, 529, 111257.	3.2	20
28	Angiotensin-converting enzyme overexpression in myelocytes enhances the immune response. <i>Biological Chemistry</i> , 2014, 395, 1173-1178.	2.5	17
29	Structure-function relationships of the soluble form of the antiaging protein Klotho have therapeutic implications for managing kidney disease. <i>Journal of Biological Chemistry</i> , 2020, 295, 3115-3133.	3.4	16
30	Nontraditional Roles of Angiotensin-Converting Enzyme. <i>Hypertension</i> , 2012, 59, 763-768.	2.7	15
31	The intrarenal generation of angiotensin II is required for experimental hypertension. <i>Current Opinion in Pharmacology</i> , 2015, 21, 73-81.	3.5	14
32	Increased Angiotensin II-Induced Hypertension and Inflammatory Cytokines in Mice Lacking Angiotensin-Converting Enzyme N Domain Activity. <i>Hypertension</i> , 2012, 59, 283-290.	2.7	13
33	ACE Overexpression in Myelomonocytic Cells: Effect on a Mouse Model of Alzheimer's Disease. <i>Current Hypertension Reports</i> , 2014, 16, 444.	3.5	12
34	Renal tubular angiotensin converting enzyme is responsible for nitro-L-arginine methyl ester (L-NAME)-induced salt sensitivity. <i>Kidney International</i> , 2017, 91, 856-867.	5.2	12
35	Haploid deletion strains of <i>Saccharomyces cerevisiae</i> that determine survival during space flight. <i>Acta Astronautica</i> , 2007, 60, 460-471.	3.2	10
36	Overexpression of angiotensin-converting enzyme in myelomonocytic cells enhances the immune response. <i>F1000Research</i> , 2016, 5, 393.	1.6	7

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37	Comments on Point:Counterpoint: The dominant contributor to systemic hypertension: Chronic activation of the sympathetic nervous system vs. Activation of the intrarenal renin-angiotensin system. Journal of Applied Physiology, 2010, 109, 2003-2014.	2.5	3
38	Angiotensin II Type 1 Receptor-associated Protein. Hypertension, 2013, 61, 1150-1152.	2.7	1
39	An important role of renal angiotensin-converting enzyme in the development of salt sensitivity during renal parenchyma inflammation. FASEB Journal, 2013, 27, 909.8.	0.5	1
40	Intrarenal Angiotensin II Augmentation in Hypertension. , 2009, , 121-131.		0
41	Kidney microRNA expression profile in Ang II-dependent Hypertension. FASEB Journal, 2010, 24, 605.13.	0.5	0
42	Stimulation of renal sodium transporters' abundance and phosphorylation during chronic angiotensin II (All) infusion requires intrarenal All formation. FASEB Journal, 2012, 26, 1105.8.	0.5	0