

Dulce E Casarini

List of Publications by Year in descending order

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89
papers

2,394
citations

186265

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233421

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89
all docs

89
docs citations

89
times ranked

3700
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerobic Exercise Training Induced Left Ventricular Hypertrophy Involves Regulatory MicroRNAs, Decreased Angiotensin-Converting Enzyme-Angiotensin II, and Synergistic Regulation of Angiotensin-Converting Enzyme 2-Angiotensin (1-7). <i>Hypertension</i> , 2011, 58, 182-189.	2.7	197
2	Collecting Duct Renin Is Upregulated in Both Kidneys of 2-Kidney, 1-Clip Goldblatt Hypertensive Rats. <i>Hypertension</i> , 2008, 51, 1590-1596.	2.7	103
3	Angiotensin II Facilitates Breast Cancer Cell Migration and Metastasis. <i>PLoS ONE</i> , 2012, 7, e35667.	2.5	84
4	Exercise training delays cardiac dysfunction and prevents calcium handling abnormalities in sympathetic hyperactivity-induced heart failure mice. <i>Journal of Applied Physiology</i> , 2008, 104, 103-109.	2.5	83
5	Exercise Training Reduces Sympathetic Modulation on Cardiovascular System and Cardiac Oxidative Stress in Spontaneously Hypertensive Rats. <i>American Journal of Hypertension</i> , 2008, 21, 1188-1193.	2.0	72
6	Circulating renin-angiotensin system and catecholamines in childhood: is there a role for birthweight?. <i>Clinical Science</i> , 2008, 114, 375-380.	4.3	72
7	Sympathetic hyperactivity differentially affects skeletal muscle mass in developing heart failure: role of exercise training. <i>Journal of Applied Physiology</i> , 2009, 106, 1631-1640.	2.5	71
8	High- or low-salt diet from weaning to adulthood: Effect on body weight, food intake and energy balance in rats. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006, 16, 148-155.	2.6	68
9	CARDIOVASCULAR ADAPTATIONS IN RATS SUBMITTED TO A RESISTANCE-TRAINING MODEL. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005, 32, 249-254.	1.9	65
10	Post-Exercise Hypotension and Its Mechanisms Differ after Morning and Evening Exercise: A Randomized Crossover Study. <i>PLoS ONE</i> , 2015, 10, e0132458.	2.5	62
11	Reciprocal changes in renal ACE/ANG II and ACE2/ANG 1-7 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
12	Neuronal Differentiation of P19 Embryonal Carcinoma Cells Modulates Kinin B2 Receptor Gene Expression and Function. <i>Journal of Biological Chemistry</i> , 2005, 280, 19576-19586.	3.4	58
13	Cardiac-specific suppression of NF- κ B signaling prevents diabetic cardiomyopathy via inhibition of the renin-angiotensin system. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1036-H1045.	3.2	58
14	Chronic Conventional Resistance Exercise Reduces Blood Pressure in Stage 1 Hypertensive Men. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 1122-1129.	2.1	56
15	Reactive oxygen species contribute to dysfunction of bone marrow hematopoietic stem cells in aged C57BL/6J mice. <i>Journal of Biomedical Science</i> , 2015, 22, 97.	7.0	55
16	Double disruption of β 2A- and β 2C -adrenoceptors results in sympathetic hyperactivity and high-bone-mass phenotype. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 591-603.	2.8	54
17	Autonomic impairment after myocardial infarction: Role in cardiac remodelling and mortality. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 447-452.	1.9	48
18	Salt-Induced Cardiac Hypertrophy and Interstitial Fibrosis Are Due to a Blood Pressure-Independent Mechanism in Wistar Rats. <i>Journal of Nutrition</i> , 2010, 140, 1742-1751.	2.9	48

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19	Kininâ€B2 receptor expression and activity during differentiation of embryonic rat neurospheres. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 361-368.	1.5	46
20	ACE-Dependent and Chymase-Dependent Angiotensin II Generation in Normal and Glucose-Stimulated Human Mesangial Cells. <i>Experimental Biology and Medicine</i> , 2008, 233, 1035-1043.	2.4	46
21	Sildenafil ameliorates oxidative stress and DNA damage in the stenotic kidneys in mice with renovascular hypertension. <i>Journal of Translational Medicine</i> , 2014, 12, 35.	4.4	41
22	Purification and characterization of angiotensin I-converting enzymes from mesangial cells in culture. <i>Journal of Hypertension</i> , 1998, 16, 2063-2074.	0.5	39
23	Temporal changes in cardiac oxidative stress, inflammation and remodeling induced by exercise in hypertension: Role for local angiotensin II reduction. <i>PLoS ONE</i> , 2017, 12, e0189535.	2.5	39
24	Downregulation of the Vascular Renin-Angiotensin System by Aerobic Trainingâ€œâ€“ Focus on the Balance Between Vasoconstrictor and Vasodilator Axes â€œ. <i>Circulation Journal</i> , 2015, 79, 1372-1380.	1.6	37
25	Mycophenolate mofetil vs. sirolimus in kidney transplant recipients receiving tacrolimus-based immunosuppressive regimen. <i>Clinical Transplantation</i> , 2007, 22, 070907013847002-???	1.6	32
26	Contrasting effects of aliskiren versus losartan on hypertensive vascular remodeling. <i>International Journal of Cardiology</i> , 2013, 167, 1199-1205.	1.7	32
27	Inhibition of phosphodiesterase 5 restores endothelial function in renovascular hypertension. <i>Journal of Translational Medicine</i> , 2014, 12, 250.	4.4	31
28	Tacrolimus pharmacokinetic drug interactions: effect of prednisone, mycophenolic acid or sirolimus. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 137-145.	1.9	30
29	Sympathetic and angiotensinergic responses mediated by paradoxical sleep loss in rats. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2011, 12, 146-152.	1.7	28
30	Role of ACE2 in pregnancy and potential implications for COVID-19 susceptibility. <i>Clinical Science</i> , 2021, 135, 1805-1824.	4.3	28
31	Circulating catecholamines are associated with biobehavioral factors and anxiety symptoms in head and neck cancer patients. <i>PLoS ONE</i> , 2018, 13, e0202515.	2.5	27
32	Association of somatic and N-domain angiotensin-converting enzymes from Wistar rat tissue with renal dysfunction in diabetes mellitus. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2007, 8, 34-41.	1.7	25
33	Low carbohydrate diet affects the oxygen uptake onâ€œkinetics and rating of perceived exertion in high intensity exercise. <i>Psychophysiology</i> , 2011, 48, 277-284.	2.4	25
34	N-Domain Angiotensin I-Converting Enzyme With 80 kDa as a Possible Genetic Marker of Hypertension. <i>Hypertension</i> , 2003, 42, 693-701.	2.7	24
35	Lack of Î² 2 â€œadrenoceptors aggravates heart failureâ€œinduced skeletal muscle myopathy in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1087-1097.	3.6	24
36	Aldosterone Contributes to Sympathoexcitation in Renovascular Hypertension. <i>American Journal of Hypertension</i> , 2015, 28, 1083-1090.	2.0	24

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37	Nebivolol prevents vascular oxidative stress and hypertension in rats chronically treated with ethanol. <i>Atherosclerosis</i> , 2018, 274, 67-76.	0.8	21
38	Both aldosterone and spironolactone can modulate the intracellular ACE/ANG II/AT1 and ACE2/ANG (1-7)/MAS receptor axes in human mesangial cells. <i>Physiological Reports</i> , 2019, 7, e14105.	1.7	21
39	Granulocyte Colony Stimulating Factor Prevents Kidney Infarction and Attenuates Renovascular Hypertension. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 143-152.	1.6	20
40	DNA Damage and Augmented Oxidative Stress in Bone Marrow Mononuclear Cells from Angiotensin-Dependent Hypertensive Mice. <i>International Journal of Hypertension</i> , 2013, 2013, 1-10.	1.3	19
41	Calcium Channel Blockers as Inhibitors of Angiotensin Converting Enzyme. <i>Hypertension</i> , 1995, 26, 1145-1148.	2.7	19
42	Angiotensin Converting Enzyme Isoforms (High and Low Molecular Weight) in Urine of Premature and Full-Term Infants. <i>Hypertension</i> , 2000, 35, 1284-1290.	2.7	17
43	Sympathetic and Renin-Angiotensin Systems Contribute to Increased Blood Pressure in Sucrose-Fed Rats. <i>American Journal of Hypertension</i> , 2007, 20, 692-698.	2.0	17
44	ACE activity is modulated by the enzyme β -galactosidase A. <i>Journal of Molecular Medicine</i> , 2011, 89, 65-74.	3.9	17
45	N-domain angiotensin-converting enzyme isoform expression in tissues of Wistar and spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2005, 23, 1869-1878.	0.5	16
46	Role of PGI ₂ and effects of ACE inhibition on the bradykinin potentiation by angiotensin-(1-7) in resistance vessels of SHR. <i>Regulatory Peptides</i> , 2005, 127, 183-189.	1.9	16
47	Differential sympathetic activation induced by intermittent hypoxia and sleep loss in rats: Action of angiotensin (1-7). <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 160, 32-36.	2.8	16
48	Long-Term Consumption of Fish Oil-Enriched Diet Impairs Serotonin Hypophagia in Rats. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 1025-1033.	3.3	15
49	Cyclosporine and sirolimus pharmacokinetics and drug-drug interactions in kidney transplant recipients. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 625-631.	1.9	14
50	Upregulation of ERK1/2-eNOS via AT ₂ Receptors Decreases the Contractile Response to Angiotensin II in Resistance Mesenteric Arteries from Obese Rats. <i>PLoS ONE</i> , 2014, 9, e106029.	2.5	14
51	Plasma proteomics for the assessment of acute renal transplant rejection. <i>Life Sciences</i> , 2016, 158, 111-120.	4.3	13
52	Cecropia pachystachya extract attenuated the renal lesion in 5/6 nephrectomized rats by reducing inflammation and renal arginase activity. <i>Journal of Ethnopharmacology</i> , 2014, 158, 49-57.	4.1	12
53	Thyroid hormone interacts with the sympathetic nervous system to modulate bone mass and structure in young adult mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E408-E418.	3.5	12
54	Association between Diastolic Dysfunction with Inflammation and Oxidative Stress in Females ob/ob Mice. <i>Frontiers in Physiology</i> , 2017, 8, 572.	2.8	12

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55	High Glucose Levels Abolish Antiatherosclerotic Benefits of ACE Inhibition in Alloxan-Induced Diabetes in Rabbits. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 45, 295-300.	1.9	11
56	Kinin-B2 Receptor Activity in Skeletal Muscle Regeneration and Myoblast Differentiation. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 48-58.	5.6	11
57	Simultaneous Determination of Everolimus, Sirolimus, Tacrolimus, and Cyclosporine-A by Mass Spectrometry. <i>Transplantation Proceedings</i> , 2020, 52, 1402-1408.	0.6	11
58	<i>Saccharomyces boulardii</i> modulates oxidative stress and renin angiotensin system attenuating diabetes-induced liver injury in mice. <i>Scientific Reports</i> , 2021, 11, 9189.	3.3	11
59	Renin Similar to the Submaxillary Gland form is Expressed in Mouse Mesangial Cells: Subcellular Localization and All Generation Under Control and Glucose-Stimulated Conditions. <i>Cellular Physiology and Biochemistry</i> , 2003, 13, 357-366.	1.6	10
60	N-Domain Isoform of Angiotensin I Converting Enzyme as a Marker of Hypertension: Populational Study. <i>International Journal of Hypertension</i> , 2012, 2012, 1-9.	1.3	10
61	Structural libraries of protein models for multiple species to understand evolution of the renin-angiotensin system. <i>General and Comparative Endocrinology</i> , 2015, 215, 106-116.	1.8	10
62	Protective effect of soybean oil- or fish oil-rich diets on allergic airway inflammation. <i>Journal of Inflammation Research</i> , 2016, 9, 79.	3.5	10
63	Direct renin inhibition is not enough to prevent reactive oxygen species generation and vascular dysfunction in renovascular hypertension. <i>European Journal of Pharmacology</i> , 2018, 821, 97-104.	3.5	10
64	Association of Ang-(1-7) and des-Arg9BK as new biomarkers of obesity and cardiometabolic risk factors in adolescents. <i>Hypertension Research</i> , 2021, 44, 969-977.	2.7	10
65	Ethanol withdrawal increases blood pressure and vascular oxidative stress: a role for angiotensin type 1 receptors. <i>Journal of the American Society of Hypertension</i> , 2018, 12, 561-573.	2.3	9
66	Neurohumoral Systems in Patients with Cirrhosis. <i>Renal Failure</i> , 1997, 19, 335-342.	2.1	8
67	Association of Urinary N-Domain Angiotensin I-Converting Enzyme with Plasma Inflammatory Markers and Endothelial Function. <i>Molecular Medicine</i> , 2008, 14, 429-435.	4.4	8
68	(Pro)renin receptor expression in myocardial infarction in transgenic mice expressing rat tonin. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 817-825.	7.5	8
69	Purification and characterization of a neutral endopeptidase-like enzyme from human urine. <i>Journal of Hypertension</i> , 1998, 16, 1971-1978.	0.5	7
70	Cardiovascular autonomic dysfunction in non-obese diabetic mice. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 177, 143-147.	2.8	7
71	Development of a Low-Cost Insulin Infusion Pump: Lessons Learned from an Industry Case. , 2015, , .		7
72	Brazilian embauba (<i>Cecropia pachystachya</i>) extract reduces renal lesions in 5/6 nephrectomized rats. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2014, 15, 430-439.	1.7	6

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73	The binding of captopril to angiotensin I-converting enzyme triggers activation of signaling pathways. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 315, C367-C379.	4.6	6
74	Modulation of renin-angiotensin system components by high glucose levels in the culture of collecting duct cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 22809-22818.	4.1	6
75	Spectroscopic and structural analysis of somatic and N-domain angiotensin I-converting enzyme isoforms from mesangial cells from Wistar and spontaneously hypertensive rats. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 238-243.	7.5	5
76	Characterization of the renal renin-angiotensin system in transgenic mice that express rat tonin. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 947-955.	1.7	5
77	Reduced Sympathetic Stimulus and Angiotensin 1 ⁷ Are Related to Diastolic Dysfunction in Spinal Cord-Injured Subjects. <i>Journal of Neurotrauma</i> , 2017, 34, 2323-2328.	3.4	5
78	Angiotensin converting-like enzymes from urine of untreated renovascular hypertensive and normal patients: purification and characterization. <i>Immunopharmacology</i> , 2000, 46, 237-246.	2.0	4
79	Orally Administered Rapamycin Does Not Modify Rat Aortic Vascular Tone. <i>Journal of Cardiovascular Pharmacology</i> , 2007, 49, 96-99.	1.9	4
80	Effect of spironolactone on the progression of coronary calcification in peritoneal dialysis patients: a pilot study. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2019, 41, 345-355.	0.9	4
81	Interactions amongst inflammation, renin-angiotensin-aldosterone and kallikrein-kinin systems: suggestive approaches for COVID-19 therapy. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2021, 27, e20200181.	1.4	3
82	Angiotensin Converting Enzyme 90kDa isoform: Biomarker for diagnosis of preeclampsia?. <i>Medical Hypotheses</i> , 2014, 83, 526-529.	1.5	2
83	Catecholamines production by kidney tissue and mesangial cell culture is differentially modulated by diabetes. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2021, 43, 510-519.	0.9	2
84	Biochemical and Kinetic Characterization of Angiotensin I Converting Enzymes (ACE) with Site-Directed Amino Acid Changes: Interactions with Its Specific Inhibitors. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
85	Levels of angiotensin-converting enzyme 1 and 2 in serum and urine of children with Sickle Cell Disease. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2021, 43, 303-310.	0.9	0
86	Systemic and Cardiac Neurohumoral Control During Early and Late Stage Heart Failure in β_2/β_2 adrenoceptor KO Mice. <i>FASEB Journal</i> , 2006, 20, A312.	0.5	0
87	Angiotensin Converting Enzyme (ACE) Site-Directed Mutations Designed to Study the Enzyme Interaction with its Specific Inhibitors. <i>FASEB Journal</i> , 2015, 29, 1041.2.	0.5	0
88	Abstract 194: Low Levels of Angiotensin Converting Enzyme (ace) Do Not Prevent From Metabolic Alterations And Endothelial Dysfunction of Resistance Arteries Induced by High Fructose Intake. <i>Hypertension</i> , 2013, 62, .	2.7	0
89	Abstract 315: Endothelial And Autonomic Dysfunctions Induced By High Fructose Intake Are Modulated By The Angiotensin Converting Enzyme (ACE) Gene Dosage. <i>Hypertension</i> , 2014, 64, .	2.7	0