Jorge L Gamboa

List of Publications by Year
in descending order

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60 papers	2,393 citations	218677 26 h-index	214800 47 g-index
62 all docs	62 docs citations	62 times ranked	3637 citing authors

#	Article	IF	Citations
1	Skeletal muscle energetics in patients with moderate to advanced kidney disease. Kidney Research and Clinical Practice, 2022, 41, 14-21.	2.2	3
2	Genetic Architecture of Plasma Alphaâ€Aminoadipic Acid Reveals a Relationship With Highâ€Density Lipoprotein Cholesterol. Journal of the American Heart Association, 2022, 11, .	3.7	6
3	New insights into muscle function in chronic kidney disease and metabolic acidosis. Current Opinion in Nephrology and Hypertension, 2021, 30, 369-376.	2.0	15
4	GSK2256294 Decreases sEH (Soluble Epoxide Hydrolase) Activity in Plasma, Muscle, and Adipose and Reduces F2-Isoprostanes but Does Not Alter Insulin Sensitivity in Humans. Hypertension, 2021, 78, 1092-1102.	2.7	9
5	Effects of caloric restriction and aerobic exercise on circulating cell-free mitochondrial DNA in patients with moderate-to-severe chronic kidney disease. American Journal of Physiology - Renal Physiology, 2021, , .	2.7	6
6	Effects of long-term intradialytic oral nutrition and exercise on muscle protein homeostasis and markers of mitochondrial content in patients on hemodialysis. American Journal of Physiology - Renal Physiology, 2020, 319, F885-F894.	2.7	14
7	Mechanisms Regulating Muscle Protein Synthesis in CKD. Journal of the American Society of Nephrology: JASN, 2020, 31, 2573-2587.	6.1	19
8	MO045MITOCHONDRIAL DYSFUNCTION AND MUSCLE ENERGETICS IN CKD PATIENTS. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
9	Skeletal Muscle Mitochondrial Dysfunction Is Present in Patients with CKD before Initiation of Maintenance Hemodialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 926-936.	4.5	68
10	Impaired skeletal muscle mitochondrial bioenergetics and physical performance in chronic kidney disease. JCI Insight, 2020, 5, .	5.0	48
11	Angiotensin receptor blocker vs ACE inhibitor effects on HDL functionality in patients on maintenance hemodialysis. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 582-591.	2.6	5
12	Excessive Erythrocytosis and Cardiovascular Risk in Andean Highlanders. High Altitude Medicine and Biology, 2018, 19, 221-231.	0.9	46
13	Insulin resistance is a significant determinant of sarcopenia in advanced kidney disease. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E1108-E1120.	3.5	22
14	Chronic kidney disease attenuates the plasma metabolome response to insulin. JCI Insight, 2018, 3, .	5.0	21
15	Muscle mitochondrial dysfunction at different stages of chronic kidney disease (CKD). FASEB Journal, 2018, 32, 908.2.	0.5	0
16	Exercise and CKD: Skeletal Muscle Dysfunction and Practical Application of Exercise to Prevent and Treat Physical Impairments in CKD. American Journal of Kidney Diseases, 2017, 69, 837-852.	1.9	150
17	Cytochrome P450 epoxygenase-derived epoxyeicosatrienoic acids contribute to insulin sensitivity in mice and in humans. Diabetologia, 2017, 60, 1066-1075.	6.3	35
18	Response to unfairness across the suicide risk spectrum. Psychiatry Research, 2017, 258, 365-373.	3.3	12

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19	Sirt3 Impairment and SOD2 Hyperacetylation in Vascular Oxidative Stress and Hypertension. Circulation Research, 2017, 121, 564-574.	4.5	195
20	Systemic inflammation is associated with exaggerated skeletal muscle protein catabolism in maintenance hemodialysis patients. JCI Insight, 2017, 2, .	5.0	58
21	CKD and Muscle Mitochondrial Energetics. American Journal of Kidney Diseases, 2016, 68, 658-659.	1.9	41
22	Mitochondrial dysfunction and oxidative stress in patients with chronic kidney disease. Physiological Reports, 2016, 4, e12780.	1.7	156
23	Comparative effects of immediateâ€release and extendedâ€release aspirin on basal and bradykininâ€stimulated excretion of thromboxane and prostacyclin metabolites. Pharmacology Research and Perspectives, 2016, 4, e00221.	2.4	1
24	Angiotensin converting enzyme inhibition increases ADMA concentration in patients on maintenance hemodialysis â€“ a randomized cross-over study. BMC Nephrology, 2015, 16, 167.	1.8	18
25	BRCA1 and BARD1 colocalize mainly in the cytoplasm of breast cancer tumors, and their isoforms show differential expression. Breast Cancer Research and Treatment, 2015, 153, 669-678.	2.5	11
26	Treatment with Sildenafil Improves Insulin Sensitivity in Prediabetes: A Randomized, Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4533-4540.	3.6	61
27	Mitochondrial Morphology in Patients with Endâ€stage Renal Disease (ESRD). FASEB Journal, 2015, 29, 821.10.	0.5	0
28	Whole genome sequencing of Ethiopian highlanders reveals conserved hypoxia tolerance genes. Genome Biology, 2014, 15, R36.	9.6	71
29	Gender-Specific Effects of Depression and Suicidal Ideation in Prosocial Behaviors. PLoS ONE, 2014, 9, e108733.	2.5	26
30	Abstract 1554: Identification of BRCA1 and BRCA2 somatic mutations in breast cancer tumors with loss of BRCA1 nuclear expression. , 2014, , .		0
31	Whole-Genome Sequencing Uncovers the Genetic Basis of Chronic Mountain Sickness in Andean Highlanders. American Journal of Human Genetics, 2013, 93, 452-462.	6.2	115
32	Comparative Effects of Angiotensin-Converting Enzyme Inhibition and Angiotensin-Receptor Blockade on Inflammation during Hemodialysis. Journal of the American Society of Nephrology: JASN, 2012, 23, 334-342.	6.1	53
33	Muscle endurance and mitochondrial function after chronic normobaric hypoxia: contrast of respiratory and limb muscles. Pflugers Archiv European Journal of Physiology, 2012, 463, 327-338.	2.8	40
34	Is Depression the Link Between Suicide and High Altitude?. High Altitude Medicine and Biology, 2011, 12, 403-404.	0.9	27
35	Rat diaphragm mitochondria have lower intrinsic respiratory rates than mitochondria in limb muscles. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1311-R1315.	1.8	5
36	Combined angiotensin-converting enzyme inhibition and receptor blockade associate with increased risk of cardiovascular death in hemodialysis patients. Kidney International, 2011, 80, 978-985.	5.2	61

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37	Chronic hypoxia increases insulin-stimulated glucose uptake in mouse soleus muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R85-R91.	1.8	45
38	Mitochondrial content and distribution changes specific to mouse diaphragm after chronic normobaric hypoxia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R575-R583.	1.8	50
39	Extension of the neuroprotective time window for thiazolidinediones in ischemic stroke is dependent on time of reperfusion. Neuroscience, 2010, 170, 846-857.	2.3	24
40	Mitochondrial function is not the same in rat diaphragm and limb muscles. FASEB Journal, 2010, 24, 801.21.	0.5	0
41	Lower Respiratory Capacity in Extraocular Muscle Mitochondria: Evidence for Intrinsic Differences in Mitochondrial Composition and Function. , 2009, 50, 180.		25
42	Age-related changes of cell death pathways in rat extraocular muscle. Experimental Gerontology, 2009, 44, 420-425.	2.8	59
43	Abnormal energy regulation in early life: childhood gene expression may predict subsequent chronic mountain sickness. BMC Pediatrics, 2008, 8, 47.	1.7	7
44	Adaptation and Mal-Adaptation to Ambient Hypoxia; Andean, Ethiopian and Himalayan Patterns. PLoS ONE, 2008, 3, e2342.	2.5	56
45	Chronic hypoxia in Andeans; are there lessons for neurology at sea level?. Journal of the Neurological Sciences, 2006, 247, 93-99.	0.6	9
46	Altered PPARÎ³ expression and activation after transient focal ischemia in rats. European Journal of Neuroscience, 2006, 24, 1653-1663.	2.6	131
47	Plasma catecholamines and blood volume in native Andeans during hypoxia and normoxia. Clinical Autonomic Research, 2006, 16, 40-45.	2.5	28
48	Gene expression, autonomic function and chronic hypoxia:lessons from the Andes. Clinical Autonomic Research, 2006, 16, 217-222.	2.5	39
49	Migraine in the Andes and Headache at Sea Level. Cephalalgia, 2005, 25, 1117-1121.	3.9	11
50	Neuronal migration is transiently delayed by prenatal exposure to intermittent hypoxia. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2005, 74, 287-299.	1.4	17
51	Peroxisome proliferator-activated receptor-Î³ ligands reduce inflammation and infarction size in transient focal ischemia. Neuroscience, 2005, 130, 685-696.	2.3	260
52	Cerebral vasoreactivity in Andeans and headache at sea level. Journal of the Neurological Sciences, 2004, 219, 101-106.	0.6	18
53	Gene expression in the Andes; relevance to neurology at sea level. Journal of the Neurological Sciences, 2003, 207, 37-41.	0.6	19
54	Effect of domperidone on ventilation and polycythemia after 5 weeks of chronic hypoxia in rats. Respiratory Physiology and Neurobiology, 2003, 135, 1-8.	1.6	9

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55	Ventilation, Autonomic Function, Sleep and Erythropoietin. Advances in Experimental Medicine and Biology, 2003, , 161-175.	1.6	32
56	Activation of caspase-12, an endoplasmic reticulum resident caspase, after permanent focal ischemia in rat. NeuroReport, 2003, 14, 183-186.	1.2	61
57	Acral paresthesias in the Andes and neurology at sea level. Neurology, 2002, 59, 1532-1535.	1.1	14
58	Energetic metabolism in mouse cerebral cortex during chronic hypoxia. Neuroscience Letters, 2001, 301, 171-174.	2.1	34
59	Neurological manifestations in chronic mountain sickness: the burning feet-burning hands syndrome. Journal of Neurology, Neurosurgery and Psychiatry, 2000, 69, 447-452.	1.9	20
60	Carbonic anhydrase activity in the red blood cells of sea level and high altitude natives. Biological Research, 2000, 33, 207-8.	3.4	7