JosÃ© Eduardo Krieger

List of Publications by Year
in descending order

439 papers	14,945 citations	23544 58 h-index	34964 98 g-index

451 all docs	451 docs citations	451 times ranked	21267 citing authors

#	Article	IF	Citations
1	Uncovering emergent phenotypes in endothelial cells by clustering of surrogates of cardiovascular risk factors. Scientific Reports, 2022, 12, 1372.	1.6	13
2	Pharmacological treatment with lipid-lowering agents after molecular identification of familial hypercholesterolemia: results from the Hipercol Brasil cohort. Journal of Clinical Lipidology, 2022, , .	0.6	0
3	Bone Marrow Cells Improve Coronary Flow Reserve in Ischemic Non-revascularized Myocardium. JACC: Cardiovascular Imaging, 2022, 15, 812-824.	2.3	4
4	Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traitsâ€"The Hispanic/Latino Anthropometry Consortium. Human Genetics and Genomics Advances, 2022, 3, 100099.	1.0	3
5	The fungicide Tebuconazole induces electromechanical cardiotoxicity in murine heart and human cardiomyocytes derived from induced pluripotent stem cells. Toxicology Letters, 2022, 359, 96-105.	0.4	6
6	Blockchain-Based Architecture Design for Personal Health Record: Development and Usability Study. Journal of Medical Internet Research, 2022, 24, e35013.	2.1	3
7	Body mass index is superior to other body adiposity indexes in predicting incident hypertension in a highly admixed sample after 10â€year followâ€up: The Baependi Heart Study. Journal of Clinical Hypertension, 2022, 24, 731-737.	1.0	2
8	Screening of ABCG5 and ABCG8 Genes for Sitosterolemia in a Familial Hypercholesterolemia Cascade Screening Program. Circulation Genomic and Precision Medicine, 2022, 15, 101161CIRCGEN121003390.	1.6	8
9	Comparing different metabolic indexes to predict type 2 diabetes mellitus in a five years follow-up cohort: The Baependi Heart Study. PLoS ONE, 2022, 17, e0267723.	1.1	1
10	Gene expression profile in experimental frozen-thawed ovarian grafts treated with scaffold-base delivery of adipose tissue-derived stem cells. Clinics, 2022, 77, 100066.	0.6	1
11	Polygenic risk score for hypercholesterolemia in a Brazilian familial hypercholesterolemia cohort. Atherosclerosis Plus, 2022, 49, 47-55.	0.3	1
12	Familial hypercholesterolemia and cardiovascular disease in older individuals. Atherosclerosis, 2021, 318, 32-37.	0.4	12
13	Multi-ancestry genome-wide association study accounting for gene-psychosocial factor interactions identifies novel loci for blood pressure traits. Human Genetics and Genomics Advances, 2021, 2, 100013.	1.0	2
14	Novel Chest Radiographic Biomarkers for COVID-19 Using Radiomic Features Associated with Diagnostics and Outcomes. Journal of Digital Imaging, 2021, 34, 297-307.	1.6	17
15	Variant genotypes associated with reduced expression of RhCE antigens among Brazilian blood donors. Transfusion, 2021, 61, 1923-1931.	0.8	1
16	Multi-ancestry genome-wide geneâ€"sleep interactions identify novel loci for blood pressure. Molecular Psychiatry, 2021, 26, 6293-6304.	4.1	13
17	Evening preference correlates with regional brain volumes in the anterior occipital lobe. Chronobiology International, 2021, 38, 1135-1142.	0.9	8
18	Focal adhesion signaling: vascular smooth muscle cell contractility beyond calcium mechanisms. Clinical Science, 2021, 135, 1189-1207.	1.8	15

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19	Adherence to a Mediterranean diet, dyslipidemia and inflammation in familial hypercholesterolemia. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 2014-2022.	1.1	27
20	High stretch induces endothelial dysfunction accompanied by oxidative stress and actin remodeling in human saphenous vein endothelial cells. Scientific Reports, 2021, 11, 13493.	1.6	15
21	SCN5A compound heterozygosity mutation in Brugada syndrome: Functional consequences and the implication for pharmacological treatment. Life Sciences, 2021, 278, 119646.	2.0	1
22	Dynamic Crosstalk between Vascular Smooth Muscle Cells and the Aged Extracellular Matrix. International Journal of Molecular Sciences, 2021, 22, 10175.	1.8	14
23	Global perspective of familial hypercholesterolaemia: a cross-sectional study from the EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). Lancet, The, 2021, 398, 1713-1725.	6.3	142
24	Study of CNN Capacity Applied to Left Ventricle Segmentation in Cardiac MRI. SN Computer Science, 2021, 2, 1.	2.3	0
25	High-volume endurance exercise training stimulates hematopoiesis by increasing ACE NH2-terminal activity. Clinical Science, 2021, 135, 2377-2391.	1.8	0
26	Metabolomic Evaluation of Chronic Periodontal Disease in Older Adults. Mediators of Inflammation, 2021, 2021, 1-8.	1.4	4
27	Sex differences in the lung ACE/ACE2 balance in hypertensive rats. Bioscience Reports, 2021, 41, .	1.1	4
28	2D Image-Based Atrial Fibrillation Classification. , 2021, , .		2
29	Bayesian diagnostic analysis for quantitative traitlocimapping. Statistical Methods in Medical Research, 2020, 29, 2238-2249.	0.7	0
30	Triglyceride glucose index as a tool to motivate early lifestyle modification in young adults at diabetes risk: The Baependi Heart Study. Preventive Medicine Reports, 2020, 20, 101172.	0.8	1
31	Carotid intima-media thickness and metabolic syndrome in a rural population: Results from the Baependi Heart Study. International Journal of Cardiology: Hypertension, 2020, 6, 100043.	2.2	4
32	Electrical stimulation applied during differentiation drives the hiPSC-CMs towards a mature cardiac conduction-like cells. Biochemical and Biophysical Research Communications, 2020, 533, 376-382.	1.0	17
33	Characterization of post-edited cells modified in the TFAM gene by CRISPR/Cas9 technology in the bovine model. PLoS ONE, 2020, 15, e0235856.	1.1	8
34	Evaluation of the Long-Term Impact on Quality After the End of Pharmacist-Driven Warfarin Therapy Management in Patients With Poor Quality of Anticoagulation Therapy. Frontiers in Pharmacology, 2020, 11, 1056.	1.6	1
35	Profile of the Nicotinic Cholinergic Receptor Alpha 7 Subunit Gene Expression is Associated with Response to Varenicline Treatment. Genes, 2020, 11, 746.	1.0	2
36	Beneficial effects of IL-4 and IL-6 on rat neonatal target cardiac cells. Scientific Reports, 2020, 10, 12350.	1.6	16

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37	Relationship between marital status and incidence of type 2 diabetes mellitus in a Brazilian rural population: The Baependi Heart Study. PLoS ONE, 2020, 15, e0236869.	1.1	10
38	Low rate of lifeâ€threatening events and limitations in predicting invasive and noninvasive markers of symptoms in a cohort of type 1 Brugada syndrome patients: Data and insights from the GenBra registry. Journal of Cardiovascular Electrophysiology, 2020, 31, 2920-2928.	0.8	8
39	Association between light exposure and metabolic syndrome in a rural Brazilian town. PLoS ONE, 2020, 15, e0238772.	1.1	16
40	Three-dimensional imaging of mitochondrial cristae complexity using cryo-soft X-ray tomography. Scientific Reports, 2020, 10, 21045.	1.6	10
41	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. Molecular Psychiatry, 2020, 26, 2111-2125.	4.1	17
42	Exhaled breath acetone for predicting cardiac and overall mortality in chronic heart failure patients. ESC Heart Failure, 2020, 7, 1744-1752.	1.4	14
43	Early chronotype with advanced activity rhythms and dim light melatonin onset in a rural population. Journal of Pineal Research, 2020, 69, e12675.	3.4	23
44	Generation of induced pluripotent stem cells from large domestic animals. Stem Cell Research and Therapy, 2020, 11, 247.	2.4	21
45	Effectiveness of strategies to screen for blood donors with RH variants in a mixed population. Transfusion and Apheresis Science, 2020, 59, 102720.	0.5	1
46	Genomic insight into the origins and dispersal of the Brazilian coastal natives. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2372-2377.	3.3	27
47	Association of the genetic ancestry with resistant hypertension in the ReHOT (Resistant Hypertension) Tj ETQq1 1 0.784314 rgBT /Ov	1.6	3
48	NOTCH1 is critical for fibroblast-mediated induction of cardiomyocyte specialization into ventricular conduction system-like cells in vitro. Scientific Reports, 2020, 10, 16163.	1.6	10
49	Hyperbaric oxygenation improves redox control and reduces mortality in the acute phase of myocardial infarction in a rat model. Molecular Medicine Reports, 2020, 21, 1431-1438.	1.1	9
50	Age and Sex Differences in Heart Rate Variability and Vagal Specific Patterns â€“ Baependi Heart Study. Global Heart, 2020, 15, 71.	0.9	42
51	Phenotypical, Clinical, and Molecular Aspects of Adults and Children With Homozygous Familial Hypercholesterolemia in Iberoamerica. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2508-2515.	1.1	15
52	Cytochrome P450 2A6 and 2B6 polymorphisms and smoking cessation success in patients treated with varenicline. European Journal of Clinical Pharmacology, 2019, 75, 1541-1545.	0.8	5
53	Polymorphisms of the renin-angiotensin system are not associated with overweight and obesity in a general adult population. Archives of Endocrinology and Metabolism, 2019, 63, 402-410.	0.3	5
54	Body adiposity index in assessing the risk of type 2 diabetes mellitus development: the Baependi Heart Study. Diabetology and Metabolic Syndrome, 2019, 11, 76.	1.2	12

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55	Association of dietary components with dyslipidemia and low-grade inflammation biomarkers in adults with heterozygous familial hypercholesterolemia from different countries. European Journal of Clinical Nutrition, 2019, 73, 1622-1625.	1.3	7
56	Predictors of one-year outcomes in chronic heart failure: the portrait of a middle income country. BMC Cardiovascular Disorders, 2019, 19, 251.	0.7	9
57	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. Nature Communications, 2019, 10, 5121.	5.8	62
58	Biased Agonist TRV027 Determinants in AT1R by Molecular Dynamics Simulations. Journal of Chemical Information and Modeling, 2019, 59, 797-808.	2.5	13
59	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	1.6	85
60	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. Nature Communications, 2019, 10, 376.	5.8	64
61	Poor sleep quality and lipid profile in a rural cohort (The Baependi Heart Study). Sleep Medicine, 2019, 57, 30-35.	0.8	26
62	Activation of Interleukin-1 Beta in Arterialized Vein Grafts and the Influence of the -511C/T IL-1Î² Gene Polymorphism. Journal of Cardiovascular Development and Disease, 2019, 6, 20.	0.8	1
63	SMIM1 intron 2 gene variations leading to variability in Vel antigen expression among Brazilian blood donors. Blood Cells, Molecules, and Diseases, 2019, 77, 23-28.	0.6	0
64	Heritability of semantic verbal fluency task using time-interval analysis. PLoS ONE, 2019, 14, e0217814.	1.1	4
65	Aerobic Training in Young Men Increases the Transfer of Cholesterol to High Density LipoproteinIn Vitro: Impact of High Density Lipoprotein Size. Lipids, 2019, 54, 381-388.	0.7	1
66	Prevalence and laboratorial determinants of the clinical relevance of antibodies of undetermined specificity. Vox Sanguinis, 2019, 114, 616-621.	0.7	4
67	Integrated proteomics and metabolomics analysis reveals differential lipid metabolism in human umbilical vein endothelial cells under high and low shear stress. American Journal of Physiology - Cell Physiology, 2019, 317, C326-C338.	2.1	21
68	PER3 POLYMORPHISMS, MORNINGNESS-EVENINGNESS AND DEPRESSION: PRELIMINARY EVIDENCE IN A BRAZILIAN FAMILY-BASED COHORT, THE BAEPENDI HEART STUDY. European Neuropsychopharmacology, 2019, 29, S972.	0.3	1
69	Metabolomics biomarkers and the risk of overall mortality and ESRD in CKD: Results from the Progredir Cohort. PLoS ONE, 2019, 14, e0213764.	1.1	20
70	Metabolic syndrome alters relationships between cardiometabolic variables, cognition and white matter hyperintensity load. Scientific Reports, 2019, 9, 4356.	1.6	13
71	A multi-ancestry genome-wide study incorporating geneâ€“smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. Human Molecular Genetics, 2019, 28, 2615-2633.	1.4	31
72	Multi-ancestry genome-wide geneâ€“smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. Nature Genetics, 2019, 51, 636-648.	9.4	112

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73	Temporal Change of Extracellular Matrix during Vein Arterialization Remodeling in Rats. Journal of Cardiovascular Development and Disease, 2019, 6, 7.	0.8	1
74	P041â€…PER3 polymorphism, sleep duration and depression symptoms in a brazilian family-based cohort, the baependi heart study. , 2019, , .		0
75	Coronary Artery Calcium and Cardiovascular Events in Patients With Familial Hypercholesterolemia Receiving Standard Lipid-Lowering Therapy. JACC: Cardiovascular Imaging, 2019, 12, 1797-1804.	2.3	106
76	Bone Marrow Cells Transplant in Septic Mice Modulates Systemic Inflammatory Response via Cellâ€“Cell Contact. Shock, 2019, 51, 381-388.	1.0	3
77	Spironolactone Versus Clonidine as a Fourth-Drug Therapy for Resistant Hypertension. Hypertension, 2018, 71, 681-690.	1.3	123
78	Cyclic stretch-induced Crp3 sensitizes vascular smooth muscle cells to apoptosis during vein arterialization remodeling. Clinical Science, 2018, 132, 449-459.	1.8	7
79	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	2.6	123
80	Rapamycin activates TGF receptor independently of its ligand: implications for endothelial dysfunction. Clinical Science, 2018, 132, 437-447.	1.8	15
81	Evaluation of the applicability and effectiveness of a molecular strategy for identifying weakÂD and DEL phenotype among Dâ€“ blood donors of mixed origin exhibiting high frequency of RHD*Î¨. Transfusion, 2018, 58, 317-322.	0.8	8
82	Cholinergic receptor nicotinic alpha 5 subunit polymorphisms are associated with smoking cessation success in women. BMC Medical Genetics, 2018, 19, 55.	2.1	13
83	Coronary Artery Bypass Surgery in Diffuse Advanced Coronary Artery Disease: 1-Year Clinical and Angiographic Results. Thoracic and Cardiovascular Surgeon, 2018, 66, 477-482.	0.4	13
84	Integrated molecular, biochemical, and physiological assessment unravels key extraction method mediated influences on rat neonatal cardiomyocytes. Journal of Cellular Physiology, 2018, 233, 5420-5430.	2.0	12
85	Cell-free therapy with the secretome of adipose tissue-derived stem cells in ratsâ€™ frozen-thawed ovarian grafts. Stem Cell Research and Therapy, 2018, 9, 323.	2.4	8
86	Health related quality of life in individuals at high risk for familial hypercholesterolemia undergoing genetic cascade screening in Brazil. Atherosclerosis, 2018, 277, 464-469.	0.4	5
87	Genetic associations of bradykinin type 2 receptor, alpha-adrenoceptors and endothelial nitric oxide synthase with blood pressure and left ventricular mass in outpatients without overt heart disease. IJC Heart and Vasculature, 2018, 21, 45-49.	0.6	6
88	Pharmaceutical Care Increases Time in Therapeutic Range of Patients With Poor Quality of Anticoagulation With Warfarin. Frontiers in Pharmacology, 2018, 9, 1052.	1.6	16
89	Vascular Growth Factors, Progenitor Cells, and Angiogenesis. , 2018, , 49-62.		3
90	Aerobic exercise training differentially affects ACE C- and N-domain activities in humans: Interactions withACE I/Dpolymorphism and association with vascular reactivity. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2018, 19, 147032031876172.	1.0	7

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91	Genetics of Resistant Hypertension: the Missing Heritability and Opportunities. Current Hypertension Reports, 2018, 20, 48.	1.5	9
92	High frequency of variant <scp>RHD</scp> genotypes among donors and patients of mixed origin with serologic weakâ€D phenotype. Journal of Clinical Laboratory Analysis, 2018, 32, e22596.	0.9	7
93	Association Between ABCB1 Polymorphism and Stable Warfarin Dose Requirements in Brazilian Patients. Frontiers in Pharmacology, 2018, 9, 542.	1.6	16
94	Impact of incorporating ABCB1 and CYP4F2 polymorphisms in a pharmacogenetics-guided warfarin dosing algorithm for the Brazilian population. European Journal of Clinical Pharmacology, 2018, 74, 1555-1566.	0.8	6
95	Quality of life scores differs between genotypic groups of patients with suspected hereditary hemochromatosis. BMC Medical Genetics, 2018, 19, 3.	2.1	3
96	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	9.4	552
97	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	1.1	94
98	Predictors of Family Enrollment in a Genetic Cascade Screening Program for Familial Hypercholesterolemia. Arquivos Brasileiros De Cardiologia, 2018, 111, 578-584.	0.3	3
99	FCGR2B B2.4 Haplotype Predicts Increased Risk of Red Blood Cell Alloimmunization in Sickle Cell Disease Patients. Blood, 2018, 132, 1255-1255.	0.6	0
100	Î²-arrestin is critical for early shear stress-induced Akt/eNOS activation in human vascular endothelial cells. Biochemical and Biophysical Research Communications, 2017, 483, 75-81.	1.0	8
101	Amerindian (but not African or European) ancestry is significantly associated with diurnal preference within an admixed Brazilian population. Chronobiology International, 2017, 34, 269-272.	0.9	8
102	Human Induced Pluripotent Stem (hiPS) Cells from Urine Samples: A Nonâ€Integrative and Feederâ€Free Reprogramming Strategy. Current Protocols in Human Genetics, 2017, 92, 21.7.1-21.7.22.	3.5	14
103	RHD and RHCE genotyping by next-generation sequencing is an effective strategy to identify molecular variants within sickle cell disease patients. Blood Cells, Molecules, and Diseases, 2017, 65, 8-15.	0.6	28
104	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	9.4	279
105	Heritability of arterial stiffness in a Brazilian population. Journal of Hypertension, 2017, 35, 105-110.	0.3	15
106	MTRR rs326119 polymorphism is associated with plasma concentrations of homocysteine and cobalamin, but not with congenital heart disease or coronary atherosclerosis in Brazilian patients. IJC Heart and Vasculature, 2017, 14, 1-5.	0.6	2
107	ACE-modulated adiposity is related to higher energy expenditure and independent of lipolysis and glucose incorporation into lipids in adipocytes. Physiological Genomics, 2017, 49, 712-721.	1.0	1
108	â€318C/T polymorphism of the <scp>CTLA</scp>â€4 gene is an independent risk factor for <scp>RBC</scp> alloimmunization among sickle cell disease patients. International Journal of Immunogenetics, 2017, 44, 219-224.	0.8	22

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109	A Novel Aldosterone Antagonist Limits Renal Injury in 5/6 Nephrectomy. Scientific Reports, 2017, 7, 7899.	1.6	11
110	Implementing a fully automated highâ€throughput strategy for blood donor genotyping. ISBT Science Series, 2017, 12, 357-364.	1.1	0
111	Early Postnatal Cardiomyocyte Proliferation Requires High Oxidative Energy Metabolism. Scientific Reports, 2017, 7, 15434.	1.6	37
112	Online extraction of antihypertensive drugs and their metabolites from untreated human serum samples using restricted access carbon nanotubes in a column switching liquid chromatography system. Journal of Chromatography A, 2017, 1528, 41-52.	1.8	23
113	Evaluation of clinical and laboratory parameters used in the identification of index cases for genetic screening of familial hypercholesterolemia in Brazil. Atherosclerosis, 2017, 263, 257-262.	0.4	25
114	A prospective study of patients with refractory angina: outcomes and the role of highâ€sensitivity troponin T. Clinical Cardiology, 2017, 40, 11-17.	0.7	5
115	Proteome analysis of acute kidney injury â€“ Discovery of new predominantly renal candidates for biomarker of kidney disease. Journal of Proteomics, 2017, 151, 66-73.	1.2	18
116	Clinical and molecular aspects of familial hypercholesterolemia in Ibero-American countries. Journal of Clinical Lipidology, 2017, 11, 160-166.	0.6	23
117	Allogeneic pASC transplantation in humanized pigs attenuates cardiac remodeling post-myocardial infarction. PLoS ONE, 2017, 12, e0176412.	1.1	11
118	Association between anthropometric indicators of adiposity and hypertension in a Brazilian population: Baependi Heart Study. PLoS ONE, 2017, 12, e0185225.	1.1	32
119	Non-HDL cholesterol is a good predictor of the risk of increased arterial stiffness in postmenopausal women in an urban Brazilian population. Clinics, 2017, 72, 106-110.	0.6	22
120	A population-based study of the stratum corneum moisture. Clinical, Cosmetic and Investigational Dermatology, 2016, 9, 79.	0.8	15
121	Lamellar keratoplasty in rabbits using an allogeneic free omental graft and omentum-derived mesenchymal cells associated with the canine amniotic membrane. Ciencia Rural, 2016, 46, 1838-1845.	0.3	1
122	Endothelial Plasticity: Shifting Phenotypes through Force Feedback. Stem Cells International, 2016, 2016, 1-15.	1.2	55
123	Cohort profile: the Baependi Heart Studyâ€”a family-based, highly admixed cohort study in a rural Brazilian town. BMJ Open, 2016, 6, e011598.	0.8	32
124	Evaluation of a pharmacogenetic-based warfarin dosing algorithm in patients with low time in therapeutic range â€“ study protocol for a randomized controlled trial. BMC Cardiovascular Disorders, 2016, 16, 224.	0.7	6
125	Timing and quality of sleep in a rural Brazilian family-based cohort, the Baependi Heart Study. Scientific Reports, 2016, 6, 39283.	1.6	20
126	Genomic ancestry as a predictor of haemodynamic profile in heart failure. Open Heart, 2016, 3, e000434.	0.9	7

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127	Alpha2A-adrenergic receptor and eNOS genetic polymorphisms are associated with exercise muscle vasodilatation in apparently healthy individuals. IJC Heart and Vasculature, 2016, 13, 14-18.	0.6	2
128	Effectiveness of a red cell antigenâ€matching transfusion protocol in sickle cell disease patients. ISBT Science Series, 2016, 11, 132-139.	1.1	13
129	Predictors of cardiovascular events after one year of molecular screening for Familial hypercholesterolemia. Atherosclerosis, 2016, 250, 144-150.	0.4	19
130	Metabolomic characterization of renal ischemia and reperfusion in a swine model. Life Sciences, 2016, 156, 57-67.	2.0	14
131	Serum metabolomics profile of type 2 diabetes mellitus in a Brazilian rural population. Metabolomics, 2016, 12, 1.	1.4	7
132	Endothelial, platelet, and macrophage microparticle levels do not change acutely following transcatheter aortic valve replacement. Journal of Negative Results in BioMedicine, 2016, 15, 7.	1.4	8
133	Heritability of OSA in a Rural Population. Chest, 2016, 149, 92-97.	0.4	17
134	Peripheral vascular reactivity and serum BDNF responses to aerobic training are impaired by the BDNF Val66Met polymorphism. Physiological Genomics, 2016, 48, 116-123.	1.0	38
135	Losartan and captopril treatment rescue normal thrombus formation in microfibril associated glycoprotein-1 (MAGP1) deficient mice. Thrombosis Research, 2016, 138, 7-15.	0.8	4
136	Age is associated with time in therapeutic range for warfarin therapy in patients with atrial fibrillation. Oncotarget, 2016, 7, 54194-54199.	0.8	17
137	Role of Trimetazidine in Ischemic Preconditioning in Patients With Symptomatic Coronary Artery Disease. Medicine (United States), 2015, 94, e1161.	0.4	5
138	Does adipose tissue-derived stem cell therapy improve graft quality in freshly grafted ovaries?. Reproductive Biology and Endocrinology, 2015, 13, 108.	1.4	23
139	Elimination of Influences of the ACTN3 R577X Variant on Oxygen Uptake by Endurance Training in Healthy Individuals. International Journal of Sports Physiology and Performance, 2015, 10, 636-641.	1.1	22
140	Distribution and heritability of diurnal preference (chronotype) in a rural Brazilian family-based cohort, the Baependi study. Scientific Reports, 2015, 5, 9214.	1.6	61
141	Glycemic control and arterial stiffness in a Brazilian rural population: Baependi Heart Study. Diabetology and Metabolic Syndrome, 2015, 7, 86.	1.2	11
142	Gene expression profiling for human iPS-derived motor neurons from sporadic ALS patients reveals a strong association between mitochondrial functions and neurodegeneration. Frontiers in Cellular Neuroscience, 2015, 9, 289.	1.8	51
143	Shared Genetic Factors of Anxiety and Depression Symptoms in a Brazilian Family-Based Cohort, the Baependi Heart Study. PLoS ONE, 2015, 10, e0144255.	1.1	18
144	Adipose tissue-derived stem cell therapy in rat cryopreserved ovarian grafts. Stem Cell Research and Therapy, 2015, 6, 57.	2.4	19

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145	Ethnic-Specific Normative Reference Values for Echocardiographic LAÂand LV Size, LV Mass, and Systolic Function. JACC: Cardiovascular Imaging, 2015, 8, 656-665.	2.3	182
146	Preservation of cardiac function in left ventricle cardiac hypertrophy using an AAV vector which provides VEGF-A expression in response to p53. Virology, 2015, 476, 106-114.	1.1	14
147	CYP2B6 rs2279343 polymorphism is associated with smoking cessation success in bupropion therapy. European Journal of Clinical Pharmacology, 2015, 71, 1067-1073.	0.8	20
148	CHRNA4 rs1044396 is associated with smoking cessation in varenicline therapy. Frontiers in Genetics, 2015, 6, 46.	1.1	13
149	The effectiveness of intensive medical treatment in patients initially diagnosed with refractory angina. International Journal of Cardiology, 2015, 186, 29-31.	0.8	8
150	Myocardial fibrosis comparison by cmr between genetically positive HCM patients with MYBPC3 and MYH7 gene mutations. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P348.	1.6	0
151	A Variant Detection Pipeline for Inherited Cardiomyopathyâ€“Associated Genes Using Next-Generation Sequencing. Journal of Molecular Diagnostics, 2015, 17, 420-430.	1.2	4
152	Scaffold-based delivery of adipose tissue-derived stem cells in rat frozen-thawed ovarian autografts: preliminary studies in a rat model. Journal of Assisted Reproduction and Genetics, 2015, 32, 1285-1294.	1.2	14
153	TCT-534 A Novel Magnesium Bioresorbable Stent Allows Coronary Vascular Restoration and Positive Remodeling in a Large Animal Model: A Sequential Optical Coherence Tomography Study. Journal of the American College of Cardiology, 2015, 66, B218.	1.2	0
154	Development of a pharmacogenetic-based warfarin dosing algorithm and its performance in Brazilian patients: highlighting the importance of population-specific calibration. Pharmacogenomics, 2015, 16, 865-876.	0.6	36
155	PBMCs express a transcriptome signature predictor of oxygen uptake responsiveness to endurance exercise training in men. Physiological Genomics, 2015, 47, 13-23.	1.0	33
156	Familial hypercholesterolemia in Brazil: Cascade screening program, clinical and genetic aspects. Atherosclerosis, 2015, 238, 101-107.	0.4	75
157	Effects of low level laser therapy on attachment, proliferation, and gene expression of VEGF and VEGF receptor 2 of adipocyte-derived mesenchymal stem cells cultivated under nutritional deficiency. Lasers in Medical Science, 2015, 30, 217-223.	1.0	34
158	Compatibility of cassava starch films as nitric oxide carrier for potential medical device. Journal of Applied Polymer Science, 2015, 132, .	1.3	1
159	Smoking and Female Sex: Independent Predictors of Human Vascular Smooth Muscle Cells Stiffening. PLoS ONE, 2015, 10, e0145062.	1.1	9
160	Abstract 15779: Quality of Life in a Cohort of Familial Hypercholesterolemia Patients Undergoing Molecular Cascade Screening in Brazil. Circulation, 2015, 132, .	1.6	0
161	Simultaneous Use of Amiodarone Influences Warfarin Maintenance Dose but Is Not Associated with Adverse Events. Journal of Managed Care Pharmacy, 2014, 20, 376-381.	2.2	12
162	Aerobic exercise training induces an anti-apoptotic milieu in myocardial tissue. Motriz Revista De Educacao Fisica, 2014, 20, 233-238.	0.3	9

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163	Gender-related associations of genetic polymorphisms of Î±-adrenergic receptors, endothelial nitric oxide synthase and bradykinin B2 receptor with treadmill exercise test responses. Open Heart, 2014, 1, e000132.	0.9	16
164	Resistant Hypertension Optimal Treatment Trial: A Randomized Controlled Trial. Clinical Cardiology, 2014, 37, 1-6.	0.7	21
165	Development of a closed-artery catheter-based myocardial infarction in pigs using sponge and lidocaine hydrochloride infusion to prevent irreversible ventricular fibrillation. Physiological Reports, 2014, 2, e12121.	0.7	12
166	Early postnatal rat ventricle resection leads to long-term preserved cardiac function despite tissue hypoperfusion. Physiological Reports, 2014, 2, e12115.	0.7	27
167	The MYLIP p.N342S polymorphism is associated with response to lipid-lowering therapy in Brazilian patients with familial hypercholesterolemia. Pharmacogenetics and Genomics, 2014, 24, 548-555.	0.7	16
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