

JosÃ© Eduardo Krieger

List of Publications by Year in descending order

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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	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . <i>Nature</i> , 2000, 406, 151-157.	13.7	827
2	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018, 50, 1225-1233.	9.4	552
3	Heterogeneity of the Angiogenic Response Induced in Different Normal Adult Tissues by Vascular Permeability Factor/Vascular Endothelial Growth Factor. <i>Laboratory Investigation</i> , 2000, 80, 99-115.	1.7	384
4	Different TBX5 interactions in heart and limb defined by Holt-Oram syndrome mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 2919-2924.	3.3	354
5	Cloning, characterization, and expression of two angiotensin receptor (AT-1) isoforms from the mouse genome. <i>Biochemical and Biophysical Research Communications</i> , 1992, 185, 253-259.	1.0	283
6	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017, 49, 946-952.	9.4	279
7	Induction of angiotensin converting enzyme in the neointima after vascular injury. Possible role in restenosis.. <i>Journal of Clinical Investigation</i> , 1994, 93, 339-346.	3.9	215
8	New Target Regions for Human Hypertension via Comparative Genomics. <i>Genome Research</i> , 2000, 10, 473-482.	2.4	207
9	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.	1.3	197
10	Ethnic-Specific Normative Reference Values for Echocardiographic LA and LV Size, LV Mass, and Systolic Function. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 656-665.	2.3	182
11	Regulatory variation in a TBX5 enhancer leads to isolated congenital heart disease. <i>Human Molecular Genetics</i> , 2012, 21, 3255-3263.	1.4	176
12	Novel Natural Peptide Substrates for Endopeptidase 24.15, Neurolysin, and Angiotensin-converting Enzyme. <i>Journal of Biological Chemistry</i> , 2003, 278, 8547-8555.	1.6	142
13	Global perspective of familial hypercholesterolaemia: a cross-sectional study from the EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). <i>Lancet, The</i> , 2021, 398, 1713-1725.	6.3	142
14	Duration-controlled swimming exercise training induces cardiac hypertrophy in mice. <i>Brazilian Journal of Medical and Biological Research</i> , 2003, 36, 1751-1759.	0.7	125
15	The contribution of 700,000 ORF sequence tags to the definition of the human transcriptome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 12103-12108.	3.3	123
16	Spironolactone Versus Clonidine as a Fourth-Drug Therapy for Resistant Hypertension. <i>Hypertension</i> , 2018, 71, 681-690.	1.3	123
17	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400.	2.6	123
18	Suppression of Angiotensin-Converting Enzyme Expression and Activity by Shear Stress. <i>Circulation Research</i> , 1997, 80, 312-319.	2.0	120

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19	Vascular injury induces angiotensinogen gene expression in the media and neointima.. <i>Circulation</i> , 1993, 87, 283-290.	1.6	118
20	Obesity Is Associated With Tissue-Specific Activation of Renal Angiotensin-Converting Enzyme In Vivo. <i>Hypertension</i> , 2000, 35, 329-336.	1.3	117
21	Î²2 Adrenoceptor Functional Gene Variants, Obesity, and Blood Pressure Level Interactions in the General Population. <i>Hypertension</i> , 2003, 42, 685-692.	1.3	115
22	Human mesenchymal stem cells: From immunophenotyping by flow cytometry to clinical applications. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 48-61.	1.1	114
23	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019, 51, 636-648.	9.4	112
24	Vascular oxidant stress early after balloon injury: evidence for increased NAD(P)H oxidoreductase activity. <i>Free Radical Biology and Medicine</i> , 2000, 28, 1232-1242.	1.3	110
25	Coronary Artery Calcium and Cardiovascular Events in Patients With Familial Hypercholesterolemia Receiving Standard Lipid-Lowering Therapy. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1797-1804.	2.3	106
26	Angiotensin I-converting enzyme activity in tubular fluid along the rat nephron. <i>American Journal of Physiology - Renal Physiology</i> , 1997, 272, F405-F409.	1.3	105
27	The generation and utilization of a cancer-oriented representation of the human transcriptome by using expressed sequence tags. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13418-13423.	3.3	105
28	Rat Adipose Tissue-Derived Stem Cells Transplantation Attenuates Cardiac Dysfunction Post Infarction and Biopolymers Enhance Cell Retention. <i>PLoS ONE</i> , 2010, 5, e12077.	1.1	104
29	A biometrical genome search in rats reveals the multigenic basis of blood pressure variation.. <i>Genome Research</i> , 1995, 5, 164-172.	2.4	101
30	TRANSPLANTATION AND CELLULAR ENGINEERING: Adipose tissue mesenchymal stem cell expansion in animal serum-free medium supplemented with autologous human platelet lysate. <i>Transfusion</i> , 2009, 49, 2680-2685.	0.8	101
31	Angiotensinogen 235T Allele -Dosage-Is Associated With Blood Pressure Phenotypes. <i>Hypertension</i> , 2003, 41, 25-30.	1.3	100
32	Obesity-associated activation of angiotensin and endothelin in the cardiovascular system. <i>International Journal of Biochemistry and Cell Biology</i> , 2003, 35, 826-837.	1.2	98
33	Circulating Dipeptidyl Peptidase IV Activity Correlates With Cardiac Dysfunction in Human and Experimental Heart Failure. <i>Circulation: Heart Failure</i> , 2013, 6, 1029-1038.	1.6	98
34	Anabolic steroids induce cardiac renin-angiotensin system and impair the beneficial effects of aerobic training in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H3575-H3583.	1.5	95
35	Brazilian urban population genetic structure reveals a high degree of admixture. <i>European Journal of Human Genetics</i> , 2012, 20, 111-116.	1.4	95
36	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018, 13, e0198166.	1.1	94

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37	Challenges in Using Stem Cells for Cardiac Repair. <i>Science Translational Medicine</i> , 2010, 2, 27ps17.	5.8	92
38	NPHS2 R229Q functional variant is associated with microalbuminuria in the general population. <i>Kidney International</i> , 2004, 65, 1026-1030.	2.6	89
39	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	1.6	85
40	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.	1.2	83
41	Exercise training improves the net balance of cardiac Ca ²⁺ handling protein expression in heart failure. <i>Physiological Genomics</i> , 2007, 29, 246-252.	1.0	82
42	Cell Therapy Attenuates Cardiac Dysfunction Post Myocardial Infarction: Effect of Timing, Routes of Injection and a Fibrin Scaffold. <i>PLoS ONE</i> , 2009, 4, e6005.	1.1	80
43	Methylenetetrahydrofolate reductase (MTHFR) c677t gene variant modulates the homocysteine folate correlation in a mild folate-deficient population. <i>Clinica Chimica Acta</i> , 2004, 340, 99-105.	0.5	78
44	Heritability of cardiovascular risk factors in a Brazilian population: Baependi Heart Study. <i>BMC Medical Genetics</i> , 2008, 9, 32.	2.1	76
45	Metabolic syndrome determinants in an urban population from Brazil: Social class and gender-specific interaction. <i>International Journal of Cardiology</i> , 2008, 129, 259-265.	0.8	76
46	Molecular Diagnostic and Pathogenesis of Hereditary Hemochromatosis. <i>International Journal of Molecular Sciences</i> , 2012, 13, 1497-1511.	1.8	76
47	Familial hypercholesterolemia in Brazil: Cascade screening program, clinical and genetic aspects. <i>Atherosclerosis</i> , 2015, 238, 101-107.	0.4	75
48	Neurofibromatosis-Noonan syndrome: Molecular evidence of the concurrence of both disorders in a patient. <i>American Journal of Medical Genetics, Part A</i> , 2005, 136A, 242-245.	0.7	74
49	CYP2C19 and ABCB1 gene polymorphisms are differently distributed according to ethnicity in the Brazilian general population. <i>BMC Medical Genetics</i> , 2011, 12, 13.	2.1	73
50	Shear Stress Induces Nitric Oxide-Mediated Vascular Endothelial Growth Factor Production in Human Adipose Tissue Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2010, 19, 371-378.	1.1	72
51	Three endothelial nitric oxide (NOS3) gene polymorphisms in hypertensive and normotensive individuals: meta-analysis of 53 studies reveals evidence of publication bias. <i>Journal of Hypertension</i> , 2007, 25, 1763-1774.	0.3	71
52	Renin-Angiotensin System, Hypertension, and Chronic Kidney Disease: Pharmacogenetic Implications. <i>Journal of Pharmacological Sciences</i> , 2012, 120, 77-88.	1.1	70
53	APOE polymorphism is associated with lipid profile, but not with arterial stiffness in the general population. <i>Lipids in Health and Disease</i> , 2010, 9, 128.	1.2	67
54	Prevalência e fatores de risco associados à doença arterial periférica no projeto coraões do Brasil. <i>Arquivos Brasileiros De Cardiologia</i> , 2008, 91, 370-82.	0.3	66

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55	CARDIOVASCULAR ADAPTATIONS IN RATS SUBMITTED TO A RESISTANCE-TRAINING MODEL. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005, 32, 249-254.	0.9	65
56	Meta-Analysis of the Association of 4 Angiotensinogen Polymorphisms With Essential Hypertension. <i>Hypertension</i> , 2008, 51, 778-783.	1.3	65
57	Exercise training restores the endothelial progenitor cells number and function in hypertension. <i>Journal of Hypertension</i> , 2012, 30, 2133-2143.	0.3	64
58	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	5.8	64
59	Red wine and equivalent oral pharmacological doses of resveratrol delay vascular aging but do not extend life span in rats. <i>Atherosclerosis</i> , 2012, 224, 136-142.	0.4	63
60	SLCO1B1 haplotypes are not associated with atorvastatin-induced myalgia in Brazilian patients with familial hypercholesterolemia. <i>European Journal of Clinical Pharmacology</i> , 2012, 68, 273-279.	0.8	63
61	Endothelial nitric oxide synthase gene variant modulates the relationship between serum cholesterol levels and blood pressure in the general population: New evidence for a direct effect of lipids in arterial blood pressure. <i>Atherosclerosis</i> , 2006, 184, 193-200.	0.4	62
62	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , 2019, 10, 5121.	5.8	62
63	Distribution and heritability of diurnal preference (chronotype) in a rural Brazilian family-based cohort, the Baependi study. <i>Scientific Reports</i> , 2015, 5, 9214.	1.6	61
64	A continuous fluorescent assay for the determination of plasma and tissue angiotensin I-converting enzyme activity. <i>Brazilian Journal of Medical and Biological Research</i> , 2005, 38, 861-868.	0.7	60
65	Ethnicity and Arterial Stiffness in Brazil. <i>American Journal of Hypertension</i> , 2011, 24, 278-284.	1.0	59
66	Mutations in the human phospholamban gene in patients with heart failure. <i>American Heart Journal</i> , 2011, 162, 1088-1095.e1.	1.2	57
67	Angiotensin-Converting Enzyme and Genetic Hypertension: Cloning of Rat cDNAs and Characterization of the Enzyme. <i>Biochemical and Biophysical Research Communications</i> , 1994, 198, 380-386.	1.0	56
68	TCF7L2 Polymorphism rs7903146 Is Associated with Coronary Artery Disease Severity and Mortality. <i>PLoS ONE</i> , 2009, 4, e7697.	1.1	56
69	Exercise training reduces cardiac angiotensin II levels and prevents cardiac dysfunction in a genetic model of sympathetic hyperactivity-induced heart failure in mice. <i>European Journal of Applied Physiology</i> , 2009, 105, 843-50.	1.2	55
70	Presence and type of low density lipoprotein receptor (LDLR) mutation influences the lipid profile and response to lipid-lowering therapy in Brazilian patients with heterozygous familial hypercholesterolemia. <i>Atherosclerosis</i> , 2014, 233, 206-210.	0.4	55
71	Endothelial Plasticity: Shifting Phenotypes through Force Feedback. <i>Stem Cells International</i> , 2016, 2016, 1-15.	1.2	55
72	Are Noonan syndrome and Noonan-like/multiple giant cell lesion syndrome distinct entities?. <i>American Journal of Medical Genetics Part A</i> , 2001, 98, 230-234.	2.4	54

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73	Effect of the G-308A polymorphism of the tumor necrosis factor β gene on the risk of ischemic heart disease and ischemic stroke: A meta-analysis. <i>American Heart Journal</i> , 2007, 153, 821-830.	1.2	54
74	NKX2.5 mutations in patients with non-syndromic congenital heart disease. <i>International Journal of Cardiology</i> , 2010, 138, 261-265.	0.8	53
75	Standardization of a fluorimetric assay for the determination of tissue angiotensin-converting enzyme activity in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2000, 33, 755-764.	0.7	52
76	Retinoic Acid and VEGF Delay Smooth Muscle Relative to Endothelial Differentiation to Coordinate Inner and Outer Coronary Vessel Wall Morphogenesis. <i>Circulation Research</i> , 2010, 107, 204-216.	2.0	52
77	The role of local and systemic renin angiotensin system activation in a genetic model of sympathetic hyperactivity-induced heart failure in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R26-R32.	0.9	51
78	Gene expression profiling for human iPS-derived motor neurons from sporadic ALS patients reveals a strong association between mitochondrial functions and neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 289.	1.8	51
79	Exercise training inhibits inflammatory cytokines and more than prevents myocardial dysfunction in rats with sustained β -adrenergic hyperactivity. <i>Journal of Physiology</i> , 2010, 588, 2431-2442.	1.3	50
80	Renal Cytochrome P4504A Activity and Salt Sensitivity in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 1996, 27, 1329-1336.	1.3	50
81	Angiotensinogen and angiotensin converting enzyme gene polymorphisms and the risk of bipolar affective disorder in humans. <i>Neuroscience Letters</i> , 2000, 293, 103-106.	1.0	49
82	Variation of mechanical properties and quantitative proteomics of VSMC along the arterial tree. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H505-H516.	1.5	49
83	Angiotensin converting enzymes from human urine of mild hypertensive untreated patients resemble the N-terminal fragment of human angiotensin I-converting enzyme. <i>International Journal of Biochemistry and Cell Biology</i> , 2001, 33, 75-85.	1.2	47
84	Angiotensinogen M235T polymorphism is associated with coronary artery disease severity. <i>Clinica Chimica Acta</i> , 2005, 362, 176-181.	0.5	47
85	Multicenter randomized trial of cell therapy in cardiopathies – MiHeart Study. <i>Trials</i> , 2007, 8, 2.	0.7	47
86	Thioredoxin interacting protein genetic variation is associated with diabetes and hypertension in the Brazilian general population. <i>Atherosclerosis</i> , 2012, 221, 131-136.	0.4	47
87	SLCO1B1 rs4149056 polymorphism associated with statin-induced myopathy is differently distributed according to ethnicity in the Brazilian general population: Amerindians as a high risk ethnic group. <i>BMC Medical Genetics</i> , 2011, 12, 136.	2.1	46
88	Molecular biology of hypertension.. <i>Hypertension</i> , 1991, 18, 13-17.	1.3	46
89	Hereditary hemochromatosis: Mutations in genes involved in iron homeostasis in Brazilian patients. <i>Blood Cells, Molecules, and Diseases</i> , 2011, 46, 302-307.	0.6	45
90	Analysis of a polymorphism in the promoter region of the tumor necrosis factor alpha gene in schizophrenia and bipolar disorder: further support for an association with schizophrenia. <i>Molecular Psychiatry</i> , 2003, 8, 718-720.	4.1	44

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91	Effect of polymorphisms of the MTHFR and APOE genes on susceptibility to diabetes and severity of diabetic retinopathy in Brazilian patients. <i>Brazilian Journal of Medical and Biological Research</i> , 2006, 39, 883-888.	0.7	44
92	Nuclear Factor (NF) κ B polymorphism is associated with heart function in patients with heart failure. <i>BMC Medical Genetics</i> , 2010, 11, 89.	2.1	44
93	PTPN11 Gene Analysis in 74 Brazilian Patients with Noonan Syndrome or Noonan-like Phenotype. <i>Genetic Testing and Molecular Biomarkers</i> , 2006, 10, 186-191.	1.7	43
94	Intracellular mechanisms of specific β -adrenoceptor antagonists involved in improved cardiac function and survival in a genetic model of heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 45, 240-249.	0.9	42
95	Association between glutathione S-transferase polymorphisms and triglycerides and HDL-cholesterol. <i>Atherosclerosis</i> , 2009, 206, 204-208.	0.4	42
96	Impact of diabetes mellitus on arterial stiffness in a representative sample of an urban Brazilian population. <i>Diabetology and Metabolic Syndrome</i> , 2013, 5, 45.	1.2	42
97	Age and Sex Differences in Heart Rate Variability and Vagal Specific Patterns “Baependi Heart Study. <i>Global Heart</i> , 2020, 15, 71.	0.9	42
98	HYPERTENSION, OBESITY AND GNB3 GENE VARIANTS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 248-252.	0.9	41
99	Derivation and external validation of a simple prediction model for the diagnosis of type 2 Diabetes Mellitus in the Brazilian urban population. <i>European Journal of Epidemiology</i> , 2009, 24, 101-109.	2.5	41
100	INSULIN REGULATES CYTOKINES AND INTERCELLULAR ADHESION MOLECULE-1 GENE EXPRESSION THROUGH NUCLEAR FACTOR- κ B ACTIVATION IN LPS-INDUCED ACUTE LUNG INJURY IN RATS. <i>Shock</i> , 2009, 31, 404-409.	1.0	41
101	Clinical variability in a Noonan syndrome family with a new PTPN11 gene mutation. <i>American Journal of Medical Genetics Part A</i> , 2004, 130A, 378-383.	2.4	40
102	Atypical β haplotypes are generated by diverse genetic mechanisms. , 2000, 63, 79-84.		39
103	A quantitative chemiluminescent method for studying replicative and stress-induced premature senescence in cell cultures. <i>Analytical Biochemistry</i> , 2008, 372, 198-203.	1.1	39
104	Screening of MYH7, MYBPC3, and TNNT2 genes in Brazilian patients with hypertrophic cardiomyopathy. <i>American Heart Journal</i> , 2013, 166, 775-782.	1.2	39
105	ACE gene titration in mice uncovers a new mechanism for ACE on the control of body weight. <i>Physiological Genomics</i> , 2005, 20, 173-182.	1.0	38
106	AT ₁ receptor participates in the cardiac hypertrophy induced by resistance training in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R381-R387.	0.9	38
107	ALDH1A2 (RALDH2) genetic variation in human congenital heart disease. <i>BMC Medical Genetics</i> , 2009, 10, 113.	2.1	38
108	Peripheral vascular reactivity and serum <i>BDNF</i> responses to aerobic training are impaired by the <i>BDNF</i> Val66Met polymorphism. <i>Physiological Genomics</i> , 2016, 48, 116-123.	1.0	38

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109	Phenotypic characteristics associated with hypertension in patients with obstructive sleep apnea. <i>Journal of Human Hypertension</i> , 2006, 20, 523-528.	1.0	37
110	Early Postnatal Cardiomyocyte Proliferation Requires High Oxidative Energy Metabolism. <i>Scientific Reports</i> , 2017, 7, 15434.	1.6	37
111	Body Mass Index, Waist Circumference, Body Adiposity Index, and Risk for Type 2 Diabetes in Two Populations in Brazil: General and Amerindian. <i>PLoS ONE</i> , 2014, 9, e100223.	1.1	37
112	Further evidence of genetic heterogeneity in Costello syndrome: involvement of the KRAS gene. <i>Journal of Human Genetics</i> , 2007, 52, 521-526.	1.1	36
113	Development of a pharmacogenetic-based warfarin dosing algorithm and its performance in Brazilian patients: highlighting the importance of population-specific calibration. <i>Pharmacogenomics</i> , 2015, 16, 865-876.	0.6	36
114	Hemodynamics, fluid volume, and hormonal responses to chronic high-salt intake in dogs. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1990, 259, H1629-H1636.	1.5	35
115	A Novel Val648Ile Substitution in RET Protooncogene Observed in a Cys634Arg Multiple Endocrine Neoplasia Type 2A Kindred Presenting with an Adrenocorticotropin-Producing Pheochromocytoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 5658-5661.	1.8	35
116	Clinical Judgment and Treatment Options in Stable Multivessel Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2006, 48, 948-953.	1.2	35
117	Influence of ACE I/D gene polymorphism in the progression of renal failure in autosomal dominant polycystic kidney disease: a meta-analysis. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 3155-3163.	0.4	35
118	Influência da gestação na evolução clínica materno-fetal de portadoras de cardiomiopatia hipertrófica. <i>Arquivos Brasileiros De Cardiologia</i> , 2007, 88, 480-485.	0.3	35
119	Lower heart rate variability is associated with higher serum high-sensitivity C-reactive protein concentration in healthy individuals aged 46 years or more. <i>International Journal of Cardiology</i> , 2006, 107, 333-337.	0.8	34
120	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. <i>Lasers in Medical Science</i> , 2015, 30, 217-223.	1.0	34
121	The influence of tumor necrosis factor α 308 and C-reactive protein G1059C gene variants on serum concentration of C-reactive protein: evidence for an age-dependent association. <i>Clinica Chimica Acta</i> , 2004, 349, 129-134.	0.5	33
122	Shear stress-induced Ang II AT1 receptor activation: G-protein dependent and independent mechanisms. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 647-652.	1.0	33
123	PBMCs express a transcriptome signature predictor of oxygen uptake responsiveness to endurance exercise training in men. <i>Physiological Genomics</i> , 2015, 47, 13-23.	1.0	33
124	Skeletal muscle cells expressing VEGF induce capillary formation and reduce cardiac injury in rats. <i>International Journal of Cardiology</i> , 2006, 113, 348-354.	0.8	32
125	TCF7L2 variant genotypes and type 2 diabetes risk in Brazil: significant association, but not a significant tool for risk stratification in the general population. <i>BMC Medical Genetics</i> , 2008, 9, 106.	2.1	32
126	Identification of ϵ -PKC Targets During Cardiac Ischemic Injury. <i>Circulation Journal</i> , 2012, 76, 1476-1485.	0.7	32

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127	Survival Analysis of Patients with Heart Failure: Implications of Time-Varying Regression Effects in Modeling Mortality. <i>PLoS ONE</i> , 2012, 7, e37392.	1.1	32
128	Cohort profile: the Baependi Heart Study—a family-based, highly admixed cohort study in a rural Brazilian town. <i>BMJ Open</i> , 2016, 6, e011598.	0.8	32
129	Association between anthropometric indicators of adiposity and hypertension in a Brazilian population: Baependi Heart Study. <i>PLoS ONE</i> , 2017, 12, e0185225.	1.1	32
130	Chronic β_2 -adrenoceptor stimulation and cardiac hypertrophy with no induction of circulating renin. <i>European Journal of Pharmacology</i> , 2005, 520, 135-141.	1.7	31
131	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019, 28, 2615-2633.	1.4	31
132	Genetic mapping of a new heart rate QTL on chromosome 8 of spontaneously hypertensive rats. <i>BMC Medical Genetics</i> , 2007, 8, 17.	2.1	30
133	Gene Variation in Resistant Hypertension: Multilocus Analysis of the Angiotensin 1-Converting Enzyme, Angiotensinogen, and Endothelial Nitric Oxide Synthase Genes. <i>DNA and Cell Biology</i> , 2011, 30, 555-564.	0.9	30
134	Non-HFE hemochromatosis. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2012, 34, 311-316.	0.7	30
135	Porcine Adipose Tissue-Derived Mesenchymal Stem Cells Retain Their Proliferative Characteristics, Senescence, Karyotype and Plasticity after Long-Term Cryopreservation. <i>PLoS ONE</i> , 2013, 8, e67939.	1.1	30
136	CYP2C9 and VKORC1 polymorphisms influence warfarin dose variability in patients on long-term anticoagulation. <i>European Journal of Clinical Pharmacology</i> , 2013, 69, 789-797.	0.8	29
137	Local renin-angiotensin system regulates left ventricular hypertrophy induced by swimming training independent of circulating renin: a pharmacological study. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2009, 10, 15-23.	1.0	28
138	Bone marrow cell therapy prevents infarct expansion and improves border zone remodeling after coronary occlusion in rats. <i>International Journal of Cardiology</i> , 2010, 145, 34-39.	0.8	28
139	Association between ADAMTS13 polymorphisms and risk of cardiovascular events in chronic coronary disease. <i>Thrombosis Research</i> , 2010, 125, 61-66.	0.8	28
140	RHD and RHCE genotyping by next-generation sequencing is an effective strategy to identify molecular variants within sickle cell disease patients. <i>Blood Cells, Molecules, and Diseases</i> , 2017, 65, 8-15.	0.6	28
141	Identification of two novel shear stress responsive elements in rat angiotensin I converting enzyme promoter. <i>Physiological Genomics</i> , 2004, 17, 107-113.	1.0	27
142	Lactase persistence/non-persistence variants, C/T_13910 and G/A_22018, as a diagnostic tool for lactose intolerance in IBS patients. <i>Clinica Chimica Acta</i> , 2007, 386, 7-11.	0.5	27
143	Clu298Asp eNOS gene polymorphism causes attenuation in nonexercising muscle vasodilatation. <i>Physiological Genomics</i> , 2009, 37, 99-107.	1.0	27
144	<i>PTPN11</i> and <i>KRAS</i> Gene Analysis in Patients with Noonan and Noonan-Like Syndromes. <i>Genetic Testing and Molecular Biomarkers</i> , 2010, 14, 425-432.	0.3	27

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146	Genomic insight into the origins and dispersal of the Brazilian coastal natives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2372-2377.	3.3	27
147	Adherence to a Mediterranean diet, dyslipidemia and inflammation in familial hypercholesterolemia. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2014-2022.	1.1	27
148	Association Between Genetics of Diabetes, Coronary Artery Disease, and Macrovascular Complications: Exploring a Common Ground Hypothesis. <i>Review of Diabetic Studies</i> , 2011, 8, 230-244.	0.5	27
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150	Poor sleep quality and lipid profile in a rural cohort (The Baependi Heart Study). <i>Sleep Medicine</i> , 2019, 57, 30-35.	0.8	26
151	Hemochromatosis gene variants in patients with cardiomyopathy. <i>American Journal of Cardiology</i> , 2001, 88, 388-391.	0.7	25
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258	Metabolomic characterization of renal ischemia and reperfusion in a swine model. <i>Life Sciences</i> , 2016, 156, 57-67.	2.0	14
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272	Metabolic syndrome alters relationships between cardiometabolic variables, cognition and white matter hyperintensity load. <i>Scientific Reports</i> , 2019, 9, 4356.	1.6	13
273	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021, 26, 6293-6304.	4.1	13
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283	Integrated molecular, biochemical, and physiological assessment unravels key extraction method mediated influences on rat neonatal cardiomyocytes. <i>Journal of Cellular Physiology</i> , 2018, 233, 5420-5430.	2.0	12
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290	Association between the C242T polymorphism in the <i>p22phox</i> gene with arterial stiffness in the Brazilian population. <i>Physiological Genomics</i> , 2012, 44, 587-592.	1.0	11
291	Glycemic control and arterial stiffness in a Brazilian rural population: Baependi Heart Study. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 86.	1.2	11
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