

Jos Eduardo Krieger

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427
papers

11,583
citations

54
h-index

87
g-index

451
ext. papers

13,335
ext. citations

4.3
avg, IF

5.78
L-index

#	Paper	IF	Citations
427	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . The <i>Xylella fastidiosa</i> Consortium of the Organization for Nucleotide Sequencing and Analysis. <i>Nature</i> , 2000 , 406, 151-9	50.4	701
426	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	5.9	359
425	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, 2919-24	11.5	313
424	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233	36.3	277
423	Cloning, characterization, and expression of two angiotensin receptor (AT-1) isoforms from the mouse genome. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 185, 253-9	3.4	259
422	Induction of angiotensin converting enzyme in the neointima after vascular injury. Possible role in restenosis. <i>Journal of Clinical Investigation</i> , 1994 , 93, 339-46	15.9	180
421	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017 , 49, 946-952	36.3	176
420	New target regions for human hypertension via comparative genomics. <i>Genome Research</i> , 2000 , 10, 473-82	9.7	176
419	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, 182-9	8.5	161
418	Regulatory variation in a TBX5 enhancer leads to isolated congenital heart disease. <i>Human Molecular Genetics</i> , 2012 , 21, 3255-63	5.6	131
417	Novel natural peptide substrates for endopeptidase 24.15, neurolysin, and angiotensin-converting enzyme. <i>Journal of Biological Chemistry</i> , 2003 , 278, 8547-55	5.4	126
416	Ethnic-Specific Normative Reference Values for Echocardiographic LA and LV Size, LV Mass, and Systolic Function: The EchoNoRMAL Study. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 656-65	8.4	125
415	Vascular injury induces angiotensinogen gene expression in the media and neointima. <i>Circulation</i> , 1993 , 87, 283-90	16.7	110
414	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, 12103-8	11.5	103
413	Obesity is associated with tissue-specific activation of renal angiotensin-converting enzyme in vivo: evidence for a regulatory role of endothelin. <i>Hypertension</i> , 2000 , 35, 329-36	8.5	103
412	Vascular oxidant stress early after balloon injury: evidence for increased NAD(P)H oxidoreductase activity. <i>Free Radical Biology and Medicine</i> , 2000 , 28, 1232-42	7.8	100
411	Suppression of angiotensin-converting enzyme expression and activity by shear stress. <i>Circulation Research</i> , 1997 , 80, 312-9	15.7	100

410	Beta2 adrenoceptor functional gene variants, obesity, and blood pressure level interactions in the general population. <i>Hypertension</i> , 2003 , 42, 685-92	8.5	98
409	Duration-controlled swimming exercise training induces cardiac hypertrophy in mice. <i>Brazilian Journal of Medical and Biological Research</i> , 2003 , 36, 1751-9	2.8	95
408	Adipose tissue mesenchymal stem cell expansion in animal serum-free medium supplemented with autologous human platelet lysate. <i>Transfusion</i> , 2009 , 49, 2680-5	2.9	93
407	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, 13418-23	11.5	93
406	Rat adipose tissue-derived stem cells transplantation attenuates cardiac dysfunction post infarction and biopolymers enhance cell retention. <i>PLoS ONE</i> , 2010 , 5, e12077	3.7	92
405	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 , 83, 48-61	4.6	88
404	Angiotensin I-converting enzyme activity in tubular fluid along the rat nephron. <i>American Journal of Physiology - Renal Physiology</i> , 1997 , 272, F405-9	4.3	87
403	A biometrical genome search in rats reveals the multigenic basis of blood pressure variation. <i>Genome Research</i> , 1995 , 5, 164-72	9.7	87
402	Circulating dipeptidyl peptidase IV activity correlates with cardiac dysfunction in human and experimental heart failure. <i>Circulation: Heart Failure</i> , 2013 , 6, 1029-38	7.6	86
401	Obesity-associated activation of angiotensin and endothelin in the cardiovascular system. <i>International Journal of Biochemistry and Cell Biology</i> , 2003 , 35, 826-37	5.6	84
400	Angiotensinogen 235T allele "dosage" is associated with blood pressure phenotypes. <i>Hypertension</i> , 2003 , 41, 25-30	8.5	84
399	NPHS2 R229Q functional variant is associated with microalbuminuria in the general population. <i>Kidney International</i> , 2004 , 65, 1026-30	9.9	81
398	Spironolactone Versus Clonidine as a Fourth-Drug Therapy for Resistant Hypertension: The ReHOT Randomized Study (Resistant Hypertension Optimal Treatment). <i>Hypertension</i> , 2018 , 71, 681-690	8.5	80
397	Challenges in using stem cells for cardiac repair. <i>Science Translational Medicine</i> , 2010 , 2, 27ps17	17.5	80
396	Brazilian urban population genetic structure reveals a high degree of admixture. <i>European Journal of Human Genetics</i> , 2012 , 20, 111-6	5.3	79
395	Myocardial fibrosis comparison by cmr between genetically positive HCM patients with MYBPC3 and MYH7 gene mutations. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015 , 17,	6.9	78
394	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, H3575-83	5.2	78
393	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, 103-9	3.7	76

392	Exercise training improves the net balance of cardiac Ca ²⁺ handling protein expression in heart failure. <i>Physiological Genomics</i> , 2007 , 29, 246-52	3.6	72
391	Molecular diagnostic and pathogenesis of hereditary hemochromatosis. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 1497-511	6.3	65
390	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, 1763-74	1.9	65
389	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	6.2	65
388	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	3.7	63
387	Neurofibromatosis-Noonan syndrome: molecular evidence of the concurrence of both disorders in a patient. <i>American Journal of Medical Genetics, Part A</i> , 2005 , 136, 242-5	2.5	63
386	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	62
385	Meta-analysis of the association of 4 angiotensinogen polymorphisms with essential hypertension: a role beyond M235T?. <i>Hypertension</i> , 2008 , 51, 778-83	8.5	61
384	Heritability of cardiovascular risk factors in a Brazilian population: Baependi Heart Study. <i>BMC Medical Genetics</i> , 2008 , 9, 32	2.1	60
383	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	36.3	59
382	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	11	59
381	SLCO1B1 haplotypes are not associated with atorvastatin-induced myalgia in Brazilian patients with familial hypercholesterolemia. <i>European Journal of Clinical Pharmacology</i> , 2012 , 68, 273-9	2.8	59
380	Familial hypercholesterolemia in Brazil: cascade screening program, clinical and genetic aspects. <i>Atherosclerosis</i> , 2015 , 238, 101-7	3.1	58
379	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	4.4	58
378	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, 371-8	4.4	58
377	Metabolic syndrome determinants in an urban population from Brazil: social class and gender-specific interaction. <i>International Journal of Cardiology</i> , 2008 , 129, 259-65	3.2	58
376	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	3.1	57
375	Cardiovascular adaptations in rats submitted to a resistance-training model. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005 , 32, 249-54	3	56

374	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	8.4	56
373	Exercise training restores the endothelial progenitor cells number and function in hypertension: implications for angiogenesis. <i>Journal of Hypertension</i> , 2012 , 30, 2133-43	1.9	54
372	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, 136-42	3.1	53
371	Ethnicity and arterial stiffness in Brazil. <i>American Journal of Hypertension</i> , 2011 , 24, 278-84	2.3	52
370	Distribution and heritability of diurnal preference (chronotype) in a rural Brazilian family-based cohort, the Baependi study. <i>Scientific Reports</i> , 2015 , 5, 9214	4.9	51
369	Angiotensin converting enzyme and genetic hypertension: cloning of rat cDNAs and characterization of the enzyme. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 198, 380-6	3.4	51
368	Renin-angiotensin system, hypertension, and chronic kidney disease: pharmacogenetic implications. <i>Journal of Pharmacological Sciences</i> , 2012 , 120, 77-88	3.7	50
367	TCF7L2 polymorphism rs7903146 is associated with coronary artery disease severity and mortality. <i>PLoS ONE</i> , 2009 , 4, e7697	3.7	50
366	Are Noonan syndrome and Noonan-like/multiple giant cell lesion syndrome distinct entities?. <i>American Journal of Medical Genetics Part A</i> , 2001 , 98, 230-4		50
365	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, 861-8	2.8	50
364	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	3.4	49
363	Prevalence and risk factors associated with peripheral arterial disease in the Hearts of Brazil Project. <i>Arquivos Brasileiros De Cardiologia</i> , 2008 , 91, 370-82	1.2	49
362	Effect of the G-308A polymorphism of the tumor necrosis factor alpha gene on the risk of ischemic heart disease and ischemic stroke: a meta-analysis. <i>American Heart Journal</i> , 2007 , 153, 821-30	4.9	48
361	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, 204-16	15.7	46
360	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, 755-64	2.8	46
359	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	6.1	44
358	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, R26-32	3.2	44
357	Renal cytochrome P4504A activity and salt sensitivity in spontaneously hypertensive rats. <i>Hypertension</i> , 1996 , 27, 1329-36	8.5	44

356	Angiotensinogen and angiotensin converting enzyme gene polymorphisms and the risk of bipolar affective disorder in humans. <i>Neuroscience Letters</i> , 2000 , 293, 103-6	3.3	43
355	Mutations in the human phospholamban gene in patients with heart failure. <i>American Heart Journal</i> , 2011 , 162, 1088-1095.e1	4.9	42
354	NKX2.5 mutations in patients with non-syndromic congenital heart disease. <i>International Journal of Cardiology</i> , 2010 , 138, 261-5	3.2	42
353	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	5.6	42
352	Endothelial Plasticity: Shifting Phenotypes through Force Feedback. <i>Stem Cells International</i> , 2016 , 2016, 9762959	5	42
351	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41
350	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	41
349	Exercise training inhibits inflammatory cytokines and more than prevents myocardial dysfunction in rats with sustained beta-adrenergic hyperactivity. <i>Journal of Physiology</i> , 2010 , 588, 2431-42	3.9	41
348	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, 718-20	15.1	41
347	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054	3.8	39
346	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, 101-9	12.1	39
345	Intracellular mechanisms of specific beta-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, 240-9	5.8	39
344	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, 206-10	3.1	38
343	Molecular biology of hypertension. <i>Hypertension</i> , 1991 , 18, 13-17	8.5	38
342	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, H505-16	5.2	37
341	Association between glutathione S-transferase polymorphisms and triglycerides and HDL-cholesterol. <i>Atherosclerosis</i> , 2009 , 206, 204-8	3.1	37
340	Angiotensinogen M235T polymorphism is associated with coronary artery disease severity. <i>Clinica Chimica Acta</i> , 2005 , 362, 176-81	6.2	37
339	Nuclear Factor (NF) kappaB polymorphism is associated with heart function in patients with heart failure. <i>BMC Medical Genetics</i> , 2010 , 11, 89	2.1	36

338	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, 883-8	2.8	36
337	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	5.6	35
336	Insulin regulates cytokines and intercellular adhesion molecule-1 gene expression through nuclear factor-kappaB activation in LPS-induced acute lung injury in rats. <i>Shock</i> , 2009 , 31, 404-9	3.4	35
335	A quantitative chemiluminescent method for studying replicative and stress-induced premature senescence in cell cultures. <i>Analytical Biochemistry</i> , 2008 , 372, 198-203	3.1	34
334	AT1 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, R381-7	3.2	34
333	ACE gene titration in mice uncovers a new mechanism for ACE on the control of body weight. <i>Physiological Genomics</i> , 2005 , 20, 173-82	3.6	34
332	Hereditary hemochromatosis: mutations in genes involved in iron homeostasis in Brazilian patients. <i>Blood Cells, Molecules, and Diseases</i> , 2011 , 46, 302-7	2.1	33
331	Hypertension, obesity and GNB 3 gene variants. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006 , 33, 248-52	3	33
330	Phenotypic characteristics associated with hypertension in patients with obstructive sleep apnea. <i>Journal of Human Hypertension</i> , 2006 , 20, 523-8	2.6	33
329	Thioredoxin interacting protein genetic variation is associated with diabetes and hypertension in the Brazilian general population. <i>Atherosclerosis</i> , 2012 , 221, 131-6	3.1	32
328	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	3.7	31
327	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	17.4	31
326	Multicenter randomized trial of cell therapy in cardiopathies - MiHeart Study. <i>Trials</i> , 2007 , 8, 2	2.8	31
325	Further evidence of genetic heterogeneity in Costello syndrome: involvement of the KRAS gene. <i>Journal of Human Genetics</i> , 2007 , 52, 521-526	4.3	31
324	PTPN11 gene analysis in 74 Brazilian patients with Noonan syndrome or Noonan-like phenotype. <i>Genetic Testing and Molecular Biomarkers</i> , 2006 , 10, 186-91		31
323	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, 333-7	3.2	31
322	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, 5658-61	5.6	31
321	Atypical beta(s) haplotypes are generated by diverse genetic mechanisms. <i>American Journal of Hematology</i> , 2000 , 63, 79-84	7.1	31

320	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, 865-76	2.6	30
319	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, 217-23	3.1	30
318	ALDH1A2 (RALDH2) genetic variation in human congenital heart disease. <i>BMC Medical Genetics</i> , 2009 , 10, 113	2.1	30
317	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, 3155-63	4.3	30
316	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, H1629-36	5.2	30
315	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	3.7	30
314	Peripheral vascular reactivity and serum BDNF responses to aerobic training are impaired by the BDNF Val66Met polymorphism. <i>Physiological Genomics</i> , 2016 , 48, 116-23	3.6	28
313	Identification of BK channels during cardiac ischemic injury. <i>Circulation Journal</i> , 2012 , 76, 1476-85	2.9	28
312	Influence of pregnancy on clinical course and fetal outcome of women with hypertrophic cardiomyopathy. <i>Arquivos Brasileiros De Cardiologia</i> , 2007 , 88, 480-5	1.2	28
311	The influence of tumor necrosis factor -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, 129-34	6.2	28
310	CYP2C9 and VKORC1 polymorphisms influence warfarin dose variability in patients on long-term anticoagulation. <i>European Journal of Clinical Pharmacology</i> , 2013 , 69, 789-97	2.8	27
309	Early Postnatal Cardiomyocyte Proliferation Requires High Oxidative Energy Metabolism. <i>Scientific Reports</i> , 2017 , 7, 15434	4.9	27
308	Association between ADAMTS13 polymorphisms and risk of cardiovascular events in chronic coronary disease. <i>Thrombosis Research</i> , 2010 , 125, 61-6	8.2	27
307	Clinical variability in a Noonan syndrome family with a new PTPN11 gene mutation. <i>American Journal of Medical Genetics Part A</i> , 2004 , 130A, 378-83		27
306	PBMCs express a transcriptome signature predictor of oxygen uptake responsiveness to endurance exercise training in men. <i>Physiological Genomics</i> , 2015 , 47, 13-23	3.6	26
305	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	26
304	Skeletal muscle cells expressing VEGF induce capillary formation and reduce cardiac injury in rats. <i>International Journal of Cardiology</i> , 2006 , 113, 348-54	3.2	26
303	Chronic beta-adrenoceptor stimulation and cardiac hypertrophy with no induction of circulating renin. <i>European Journal of Pharmacology</i> , 2005 , 520, 135-41	5.3	26

302	Screening of MYH7, MYBPC3, and TNNT2 genes in Brazilian patients with hypertrophic cardiomyopathy. <i>American Heart Journal</i> , 2013 , 166, 775-82	4.9	25
301	Shear stress-induced Ang II AT1 receptor activation: G-protein dependent and independent mechanisms. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 434, 647-52	3.4	25
300	Glu298Asp eNOS gene polymorphism causes attenuation in nonexercising muscle vasodilatation. <i>Physiological Genomics</i> , 2009 , 37, 99-107	3.6	25
299	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	3.7	25
298	AT1 receptor blocker potentiates shear-stress induced nitric oxide production via modulation of eNOS phosphorylation of residues Thr(495) and Ser(1177.). <i>Biochemical and Biophysical Research Communications</i> , 2013 , 441, 713-9	3.4	24
297	Clinical judgment and treatment options in stable multivessel coronary artery disease: results from the one-year follow-up of the MASS II (Medicine, Angioplasty, or Surgery Study II). <i>Journal of the American College of Cardiology</i> , 2006 , 48, 948-53	15.1	24
296	Identification of two novel shear stress responsive elements in rat angiotensin I converting enzyme promoter. <i>Physiological Genomics</i> , 2004 , 17, 107-13	3.6	24
295	Hemochromatosis gene variants in patients with cardiomyopathy. <i>American Journal of Cardiology</i> , 2001 , 88, 388-91	3	24
294	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 ^{2.1}		23
293	Non-HFE hemochromatosis. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2012 , 34, 311-6		23
292	Adipose tissue-derived stem cells from humans and mice differ in proliferative capacity and genome stability in long-term cultures. <i>Stem Cells and Development</i> , 2011 , 20, 661-70	4.4	23
291	PTPN11 and KRAS gene analysis in patients with Noonan and Noonan-like syndromes. <i>Genetic Testing and Molecular Biomarkers</i> , 2010 , 14, 425-32	1.6	23
290	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	6.2	23
289	Rat angiotensin-converting enzyme promoter regulation by beta-adrenergics and cAMP in endothelium. <i>Hypertension</i> , 1999 , 34, 31-8	8.5	23
288	Association between anthropometric indicators of adiposity and hypertension in a Brazilian population: Baependi Heart Study. <i>PLoS ONE</i> , 2017 , 12, e0185225	3.7	22
287	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, 555-64	3.6	22
286	Association of the MCP-1 -2518 A/G polymorphism and no association of its receptor CCR2 -64 V/I polymorphism with lupus nephritis. <i>Journal of Rheumatology</i> , 2010 , 37, 776-82	4.1	22
285	CYP2C9 and VKORC1 polymorphisms are differently distributed in the Brazilian population according to self-declared ethnicity or genetic ancestry. <i>Genetic Testing and Molecular Biomarkers</i> , 2012 , 16, 957-63	1.6	22

284	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	3	22
283	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. <i>Journal of Chromatography A</i> , 2017 , 1528, 41-52	4.5	21
282	HJV hemochromatosis, iron overload, and hypogonadism in a Brazilian man: treatment with phlebotomy and deferasirox. <i>Acta Haematologica</i> , 2010 , 124, 204-5	2.7	21
281	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, 34-9	3.2	21
280	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	3	21
279	Small gene effect and exercise training-induced cardiac hypertrophy in mice: an Ace gene dosage study. <i>Physiological Genomics</i> , 2006 , 27, 231-6	3.6	21
278	N-domain angiotensin I-converting enzyme with 80 kDa as a possible genetic marker of hypertension. <i>Hypertension</i> , 2003 , 42, 693-701	8.5	21
277	Association between genetics of diabetes, coronary artery disease, and macrovascular complications: exploring a common ground hypothesis. <i>Review of Diabetic Studies</i> , 2011 , 8, 230-44	3.6	21
276	Survival analysis of patients with heart failure: implications of time-varying regression effects in modeling mortality. <i>PLoS ONE</i> , 2012 , 7, e37392	3.7	20
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