

Jos Eduardo Krieger

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Uncovering emergent phenotypes in endothelial cells by clustering of surrogates of cardiovascular risk factors.. <i>Scientific Reports</i> , 2022 , 12, 1372	4.9	1
426	Bone Marrow Cells Improve Coronary Flow Reserve in Ischemic Nonrevascularized Myocardium: A MiHeart/IHD Quantitative Perfusion CMR Substudy.. <i>JACC: Cardiovascular Imaging</i> , 2022 , 15, 812-824	8.4	0
425	Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traits-The Hispanic/Latino Anthropometry Consortium.. <i>Human Genetics and Genomics Advances</i> , 2022 , 3, 100099	0.8	0
424	The fungicide Tebuconazole induces electromechanical cardiotoxicity in murine heart and human cardiomyocytes derived from induced pluripotent stem cells.. <i>Toxicology Letters</i> , 2022 , 359, 96-105	4.4	0
423	Blockchain-Based Architecture Design for Personal Health Record: Development and Usability Study.. <i>Journal of Medical Internet Research</i> , 2022 , 24, e35013	7.6	
422	Screening of and Genes for Sitosterolemia in a Familial Hypercholesterolemia Cascade Screening Program.. <i>Circulation Genomic and Precision Medicine</i> , 2022 , 101161CIRCGEN121003390	5.2	0
421	Comparing different metabolic indexes to predict type 2 diabetes mellitus in a five years follow-up cohort: The Baependi Heart Study. <i>PLoS ONE</i> , 2022 , 17, e0267723	3.7	0
420	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125	15.1	3
419	Metabolomic Evaluation of Chronic Periodontal Disease in Older Adults. <i>Mediators of Inflammation</i> , 2021 , 2021, 1796204	4.3	1
418	Study of CNN Capacity Applied to Left Ventricle Segmentation in Cardiac MRI. <i>SN Computer Science</i> , 2021 , 2, 1	2	
417	High-volume endurance exercise training stimulates hematopoiesis by increasing ACE NH2-terminal activity. <i>Clinical Science</i> , 2021 , 135, 2377-2391	6.5	
416	Variant genotypes associated with reduced expression of RhCE antigens among Brazilian blood donors. <i>Transfusion</i> , 2021 , 61, 1923-1931	2.9	
415	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
414	Evening preference correlates with regional brain volumes in the anterior occipital lobe. <i>Chronobiology International</i> , 2021 , 38, 1135-1142	3.6	2
413	Focal adhesion signaling: vascular smooth muscle cell contractility beyond calcium mechanisms. <i>Clinical Science</i> , 2021 , 135, 1189-1207	6.5	3
412	Adherence to a Mediterranean diet, dyslipidemia and inflammation in familial hypercholesterolemia. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 2014-2022	4.5	4
411	High stretch induces endothelial dysfunction accompanied by oxidative stress and actin remodeling in human saphenous vein endothelial cells. <i>Scientific Reports</i> , 2021 , 11, 13493	4.9	1

410	Familial hypercholesterolemia and cardiovascular disease in older individuals. <i>Atherosclerosis</i> , 2021 , 318, 32-37	3.1	3
409	Novel Chest Radiographic Biomarkers for COVID-19 Using Radiomic Features Associated with Diagnostics and Outcomes. <i>Journal of Digital Imaging</i> , 2021 , 34, 297-307	5.3	8
408	SCN5A compound heterozygosity mutation in Brugada syndrome: Functional consequences and the implication for pharmacological treatment. <i>Life Sciences</i> , 2021 , 278, 119646	6.8	
407	Dynamic Crosstalk between Vascular Smooth Muscle Cells and the Aged Extracellular Matrix. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
406	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	4.0	14
405	Exhaled breath acetone for predicting cardiac and overall mortality in chronic heart failure patients. <i>ESC Heart Failure</i> , 2020 , 7, 1744-1752	3.7	6
404	Early chronotype with advanced activity rhythms and dim light melatonin onset in a rural population. <i>Journal of Pineal Research</i> , 2020 , 69, e12675	10.4	11
403	Generation of induced pluripotent stem cells from large domestic animals. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 247	8.3	9
402	Effectiveness of strategies to screen for blood donors with RH variants in a mixed population. <i>Transfusion and Apheresis Science</i> , 2020 , 59, 102720	2.4	1
401	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	11.5	11
400	Association of the genetic ancestry with resistant hypertension in the ReHOT (Resistant Hypertension Optimal Treatment) randomized study. <i>Scientific Reports</i> , 2020 , 10, 1476	4.9	1
399	Hyperbaric oxygenation improves redox control and reduces mortality in the acute phase of myocardial infarction in a rat model. <i>Molecular Medicine Reports</i> , 2020 , 21, 1431-1438	2.9	4
398	Age and Sex Differences in Heart Rate Variability and Vagal Specific Patterns - Baependi Heart Study. <i>Global Heart</i> , 2020 , 15, 71	2.9	7
397	NOTCH1 is critical for fibroblast-mediated induction of cardiomyocyte specialization into ventricular conduction system-like cells in vitro. <i>Scientific Reports</i> , 2020 , 10, 16163	4.9	5
396	Bayesian diagnostic analysis for quantitative trait mapping. <i>Statistical Methods in Medical Research</i> , 2020 , 29, 2238-2249	2.3	
395	Triglyceride glucose index as a tool to motivate early lifestyle modification in young adults at diabetes risk: The Baependi Heart Study. <i>Preventive Medicine Reports</i> , 2020 , 20, 101172	2.6	1
394	Carotid intima-media thickness and metabolic syndrome in a rural population: Results from the Baependi Heart Study. <i>International Journal of Cardiology: Hypertension</i> , 2020 , 6, 100043	1.6	3
393	Electrical stimulation applied during differentiation drives the hiPSC-CMs towards a mature cardiac conduction-like cells. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 533, 376-382	3.4	4

392	Characterization of post-edited cells modified in the TFAM gene by CRISPR/Cas9 technology in the bovine model. <i>PLoS ONE</i> , 2020 , 15, e0235856	3.7	3
391	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. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1056	5.6	0
390	Beneficial effects of IL-4 and IL-6 on rat neonatal target cardiac cells. <i>Scientific Reports</i> , 2020 , 10, 12350	4.9	7
389	Relationship between marital status and incidence of type 2 diabetes mellitus in a Brazilian rural population: The Baependi Heart Study. <i>PLoS ONE</i> , 2020 , 15, e0236869	3.7	3
388	Low rate of life-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. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 2920-2928	2.7	2
387	Association between light exposure and metabolic syndrome in a rural Brazilian town. <i>PLoS ONE</i> , 2020 , 15, e0238772	3.7	7
386	Three-dimensional imaging of mitochondrial cristae complexity using cryo-soft X-ray tomography. <i>Scientific Reports</i> , 2020 , 10, 21045	4.9	4
385	Phenotypical, Clinical, and Molecular Aspects of Adults and Children With Homozygous Familial Hypercholesterolemia in Iberoamerica. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 2508-2515	9.4	9
384	Biased Agonist TRV027 Determinants in AT1R by Molecular Dynamics Simulations. <i>Journal of Chemical Information and Modeling</i> , 2019 , 59, 797-808	6.1	8
383	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
382	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41
381	Poor sleep quality and lipid profile in a rural cohort (The Baependi Heart Study). <i>Sleep Medicine</i> , 2019 , 57, 30-35	4.6	13
380	Activation of Interleukin-1 Beta in Arterialized Vein Grafts and the Influence of the -511C/T IL-1 β Gene Polymorphism. <i>Journal of Cardiovascular Development and Disease</i> , 2019 , 6,	4.2	1
379	SMIM1 intron 2 gene variations leading to variability in Vel antigen expression among Brazilian blood donors. <i>Blood Cells, Molecules, and Diseases</i> , 2019 , 77, 23-28	2.1	
378	Heritability of semantic verbal fluency task using time-interval analysis. <i>PLoS ONE</i> , 2019 , 14, e0217814	3.7	3
377	Aerobic Training in Young Men Increases the Transfer of Cholesterol to High Density Lipoprotein In Vitro: Impact of High Density Lipoprotein Size. <i>Lipids</i> , 2019 , 54, 381-388	1.6	0
376	Prevalence and laboratorial determinants of the clinical relevance of antibodies of undetermined specificity. <i>Vox Sanguinis</i> , 2019 , 114, 616-621	3.1	2
375	Integrated proteomics and metabolomics analysis reveals differential lipid metabolism in human umbilical vein endothelial cells under high and low shear stress. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 317, C326-C338	5.4	10

374	Metabolomics biomarkers and the risk of overall mortality and ESRD in CKD: Results from the ProgreDir Cohort. <i>PLoS ONE</i> , 2019 , 14, e0213764	3.7	9
373	Metabolic syndrome alters relationships between cardiometabolic variables, cognition and white matter hyperintensity load. <i>Scientific Reports</i> , 2019 , 9, 4356	4.9	8
372	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	5.6	14
371	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
370	Temporal Change of Extracellular Matrix during Vein Arterialization Remodeling in Rats. <i>Journal of Cardiovascular Development and Disease</i> , 2019 , 6,	4.2	1
369	Cytochrome P450 2A6 and 2B6 polymorphisms and smoking cessation success in patients treated with varenicline. <i>European Journal of Clinical Pharmacology</i> , 2019 , 75, 1541-1545	2.8	2
368	Polymorphisms of the renin-angiotensin system are not associated with overweight and obesity in a general adult population. <i>Archives of Endocrinology and Metabolism</i> , 2019 , 63, 402-410	2.2	3
367	Body adiposity index in assessing the risk of type 2 diabetes mellitus development: the Baependi Heart Study. <i>Diabetology and Metabolic Syndrome</i> , 2019 , 11, 76	5.6	8
366	Association of dietary components with dyslipidemia and low-grade inflammation biomarkers in adults with heterozygous familial hypercholesterolemia from different countries. <i>European Journal of Clinical Nutrition</i> , 2019 , 73, 1622-1625	5.2	3
365	Predictors of one-year outcomes in chronic heart failure: the portrait of a middle income country. <i>BMC Cardiovascular Disorders</i> , 2019 , 19, 251	2.3	4
364	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
363	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
362	Bone Marrow Cells Transplant in Septic Mice Modulates Systemic Inflammatory Response via Cell-Cell Contact. <i>Shock</i> , 2019 , 51, 381-388	3.4	1
361	Spirolactone 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
360	Cyclic stretch-induced Crp3 sensitizes vascular smooth muscle cells to apoptosis during vein arterialization remodeling. <i>Clinical Science</i> , 2018 ,	6.5	5
359	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
358	Rapamycin activates TGF receptor independently of its ligand: implications for endothelial dysfunction. <i>Clinical Science</i> , 2018 , 132, 437-447	6.5	9
357	Evaluation of the applicability and effectiveness of a molecular strategy for identifying weak D and DEL phenotype among D- blood donors of mixed origin exhibiting high frequency of RHD*[] <i>Transfusion</i> , 2018 , 58, 317-322	2.9	5

356	Cholinergic receptor nicotinic alpha 5 subunit polymorphisms are associated with smoking cessation success in women. <i>BMC Medical Genetics</i> , 2018 , 19, 55	2.1	6
355	Coronary Artery Bypass Surgery in Diffuse Advanced Coronary Artery Disease: 1-Year Clinical and Angiographic Results. <i>Thoracic and Cardiovascular Surgeon</i> , 2018 , 66, 477-482	1.6	7
354	Association Between Polymorphism and Stable Warfarin Dose Requirements in Brazilian Patients. <i>Frontiers in Pharmacology</i> , 2018 , 9, 542	5.6	13
353	Impact of incorporating ABCB1 and CYP4F2 polymorphisms in a pharmacogenetics-guided warfarin dosing algorithm for the Brazilian population. <i>European Journal of Clinical Pharmacology</i> , 2018 , 74, 1555-1566	2.8	4
352	Quality of life scores differs between genotypic groups of patients with suspected hereditary hemochromatosis. <i>BMC Medical Genetics</i> , 2018 , 19, 3	2.1	0
351	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018 , 50, 1225-1233	36.3	277
350	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
349	Predictors of Family Enrollment in a Genetic Cascade Screening Program for Familial Hypercholesterolemia. <i>Arquivos Brasileiros De Cardiologia</i> , 2018 , 111, 578-584	1.2	0
348	FCGR2B B2.4 Haplotype Predicts Increased Risk of Red Blood Cell Alloimmunization in Sickle Cell Disease Patients. <i>Blood</i> , 2018 , 132, 1255-1255	2.2	
347	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	7	7
346	Cell-free therapy with the secretome of adipose tissue-derived stem cells in rats/frozen-thawed ovarian grafts. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 323	8.3	3
345	Health related quality of life in individuals at high risk for familial hypercholesterolemia undergoing genetic cascade screening in Brazil. <i>Atherosclerosis</i> , 2018 , 277, 464-469	3.1	1
344	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. <i>IJC Heart and Vasculature</i> , 2018 , 21, 45-49	2.4	5
343	Pharmaceutical Care Increases Time in Therapeutic Range of Patients With Poor Quality of Anticoagulation With Warfarin. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1052	5.6	11
342	Vascular Growth Factors, Progenitor Cells, and Angiogenesis 2018 , 49-62		2
341	Aerobic exercise training differentially affects ACE C- and N-domain activities in humans: Interactions with ACE I/D polymorphism and association with vascular reactivity. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2018 , 19, 1470320318761725	3	5
340	Genetics of Resistant Hypertension: the Missing Heritability and Opportunities. <i>Current Hypertension Reports</i> , 2018 , 20, 48	4.7	5
339	High frequency of variant RHD genotypes among donors and patients of mixed origin with serologic weak-D phenotype. <i>Journal of Clinical Laboratory Analysis</i> , 2018 , 32, e22596	3	6

338	Errestin is critical for early shear stress-induced Akt/eNOS activation in human vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 483, 75-81	3.4	7
337	Amerindian (but not African or European) ancestry is significantly associated with diurnal preference within an admixed Brazilian population. <i>Chronobiology International</i> , 2017 , 34, 269-272	3.6	7
336	Human Induced Pluripotent Stem (hiPS) Cells from Urine Samples: A Non-Integrative and Feeder-Free Reprogramming Strategy. <i>Current Protocols in Human Genetics</i> , 2017 , 92, 21.7.1-21.7.22	3.2	13
335	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
334	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
333	Heritability of arterial stiffness in a Brazilian population: Baependi Heart Study. <i>Journal of Hypertension</i> , 2017 , 35, 105-110	1.9	9
332	rs326119 polymorphism is associated with plasma concentrations of homocysteine and cobalamin, but not with congenital heart disease or coronary atherosclerosis in Brazilian patients. <i>IJC Heart and Vasculature</i> , 2017 , 14, 1-5	2.4	1
331	ACE-modulated adiposity is related to higher energy expenditure and independent of lipolysis and glucose incorporation into lipids in adipocytes. <i>Physiological Genomics</i> , 2017 , 49, 712-721	3.6	1
330	Allogeneic pASC transplantation in humanized pigs attenuates cardiac remodeling post-myocardial infarction. <i>PLoS ONE</i> , 2017 , 12, e0176412	3.7	4
329	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
328	-318C/T polymorphism of the CTLA-4 gene is an independent risk factor for RBC alloimmunization among sickle cell disease patients. <i>International Journal of Immunogenetics</i> , 2017 , 44, 219-224	2.3	14
327	A Novel Aldosterone Antagonist Limits Renal Injury in 5/6 Nephrectomy. <i>Scientific Reports</i> , 2017 , 7, 7899	4.9	7
326	Implementing a fully automated high-throughput strategy for blood donor genotyping. <i>ISBT Science Series</i> , 2017 , 12, 357-364	1.1	
325	Early Postnatal Cardiomyocyte Proliferation Requires High Oxidative Energy Metabolism. <i>Scientific Reports</i> , 2017 , 7, 15434	4.9	27
324	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
323	Evaluation of clinical and laboratory parameters used in the identification of index cases for genetic screening of familial hypercholesterolemia in Brazil. <i>Atherosclerosis</i> , 2017 , 263, 257-262	3.1	16
322	A prospective study of patients with refractory angina: outcomes and the role of high-sensitivity troponin T. <i>Clinical Cardiology</i> , 2017 , 40, 11-17	3.3	4
321	Proteome analysis of acute kidney injury - Discovery of new predominantly renal candidates for biomarker of kidney disease. <i>Journal of Proteomics</i> , 2017 , 151, 66-73	3.9	13

320	Clinical and molecular aspects of familial hypercholesterolemia in Ibero-American countries. <i>Journal of Clinical Lipidology</i> , 2017 , 11, 160-166	4.9	14
319	Non-HDL cholesterol is a good predictor of the risk of increased arterial stiffness in postmenopausal women in an urban Brazilian population. <i>Clinics</i> , 2017 , 72, 106-110	2.3	11
318	Serum metabolomics profile of type 2 diabetes mellitus in a Brazilian rural population. <i>Metabolomics</i> , 2016 , 12, 1	4.7	6
317	Endothelial, platelet, and macrophage microparticle levels do not change acutely following transcatheter aortic valve replacement. <i>Journal of Negative Results in BioMedicine</i> , 2016 , 15, 7		4
316	Heritability of OSA in a Rural Population. <i>Chest</i> , 2016 , 149, 92-7	5.3	10
315	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
314	Losartan and captopril treatment rescue normal thrombus formation in microfibril associated glycoprotein-1 (MAGP1) deficient mice. <i>Thrombosis Research</i> , 2016 , 138, 7-15	8.2	3
313	Age is associated with time in therapeutic range for warfarin therapy in patients with atrial fibrillation. <i>Oncotarget</i> , 2016 , 7, 54194-54199	3.3	11
312	A population-based study of the stratum corneum moisture. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2016 , 9, 79-87	2.9	10
311	Lamellar keratoplasty in rabbits using an allogeneic free omental graft and omentum-derived mesenchymal cells associated with the canine amniotic membrane. <i>Ciencia Rural</i> , 2016 , 46, 1838-1845	1.3	1
310	Endothelial Plasticity: Shifting Phenotypes through Force Feedback. <i>Stem Cells International</i> , 2016 , 2016, 9762959	5	42
309	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
308	Evaluation of a pharmacogenetic-based warfarin dosing algorithm in patients with low time in therapeutic range - study protocol for a randomized controlled trial. <i>BMC Cardiovascular Disorders</i> , 2016 , 16, 224	2.3	4
307	Timing and quality of sleep in a rural Brazilian family-based cohort, the Baependi Heart Study. <i>Scientific Reports</i> , 2016 , 6, 39283	4.9	17
306	Genomic ancestry as a predictor of haemodynamic profile in heart failure. <i>Open Heart</i> , 2016 , 3, e000434	3	6
305	Alpha2A-adrenergic receptor and eNOS genetic polymorphisms are associated with exercise muscle vasodilatation in apparently healthy individuals. <i>IJC Heart and Vasculature</i> , 2016 , 13, 14-18	2.4	1
304	Effectiveness of a red cell antigen-matching transfusion protocol in sickle cell disease patients. <i>ISBT Science Series</i> , 2016 , 11, 132-139	1.1	12
303	Predictors of cardiovascular events after one year of molecular screening for Familial hypercholesterolemia. <i>Atherosclerosis</i> , 2016 , 250, 144-50	3.1	14

302	Metabolomic characterization of renal ischemia and reperfusion in a swine model. <i>Life Sciences</i> , 2016 , 156, 57-67	6.8	11
301	CYP2B6 rs2279343 polymorphism is associated with smoking cessation success in bupropion therapy. <i>European Journal of Clinical Pharmacology</i> , 2015 , 71, 1067-73	2.8	15
300	CHRNA4 rs1044396 is associated with smoking cessation in varenicline therapy. <i>Frontiers in Genetics</i> , 2015 , 6, 46	4.5	9
299	The effectiveness of intensive medical treatment in patients initially diagnosed with refractory angina. <i>International Journal of Cardiology</i> , 2015 , 186, 29-31	3.2	4
298	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
297	A Variant Detection Pipeline for Inherited Cardiomyopathy-Associated Genes Using Next-Generation Sequencing. <i>Journal of Molecular Diagnostics</i> , 2015 , 17, 420-30	5.1	4
296	Scaffold-based delivery of adipose tissue-derived stem cells in rat frozen-thawed ovarian autografts: preliminary studies in a rat model. <i>Journal of Assisted Reproduction and Genetics</i> , 2015 , 32, 1285-94	3.4	10
295	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
294	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
293	Familial hypercholesterolemia in Brazil: cascade screening program, clinical and genetic aspects. <i>Atherosclerosis</i> , 2015 , 238, 101-7	3.1	58
292	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
291	Compatibility of cassava starch films as nitric oxide carrier for potential medical device. <i>Journal of Applied Polymer Science</i> , 2015 , 132,	2.9	1
290	Role of Trimetazidine in Ischemic Preconditioning in Patients With Symptomatic Coronary Artery Disease. <i>Medicine (United States)</i> , 2015 , 94, e1161	1.8	4
289	Does adipose tissue-derived stem cell therapy improve graft quality in freshly grafted ovaries?. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 108	5	12
288	Elimination of influences of the ACTN3 R577X variant on oxygen uptake by endurance training in healthy individuals. <i>International Journal of Sports Physiology and Performance</i> , 2015 , 10, 636-41	3.5	13
287	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
286	Glycemic control and arterial stiffness in a Brazilian rural population: Baependi Heart Study. <i>Diabetology and Metabolic Syndrome</i> , 2015 , 7, 86	5.6	9
285	Gene expression profiling for human iPSC-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

284	Shared Genetic Factors of Anxiety and Depression Symptoms in a Brazilian Family-Based Cohort, the Baependi Heart Study. <i>PLoS ONE</i> , 2015 , 10, e0144255	3.7	15
283	Adipose tissue-derived stem cell therapy in rat cryopreserved ovarian grafts. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 57	8.3	15
282	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
281	Preservation of cardiac function in left ventricle cardiac hypertrophy using an AAV vector which provides VEGF-A expression in response to p53. <i>Virology</i> , 2015 , 476, 106-114	3.6	12
280	Smoking and Female Sex: Independent Predictors of Human Vascular Smooth Muscle Cells Stiffening. <i>PLoS ONE</i> , 2015 , 10, e0145062	3.7	8
279	Catheter-based induction of renal ischemia/reperfusion in swine: description of an experimental model. <i>Physiological Reports</i> , 2014 , 2, e12150	2.6	5
278	ACTN3 R577X polymorphism and long-term survival in patients with chronic heart failure. <i>BMC Cardiovascular Disorders</i> , 2014 , 14, 90	2.3	9
277	Females transplanted with ovaries subjected to hypoxic preconditioning show impair of ovarian function. <i>Journal of Ovarian Research</i> , 2014 , 7, 34	5.5	7
276	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
275	Genetic and Electronic medical records to predict outcomeS in Heart Failure patients (GENIUS-HF) - design and rationale. <i>BMC Cardiovascular Disorders</i> , 2014 , 14, 32	2.3	7
274	Short-term mechanical stretch fails to differentiate human adipose-derived stem cells into cardiovascular cell phenotypes. <i>BioMedical Engineering OnLine</i> , 2014 , 13, 54	4.1	18
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