

Georgios Kararigas

List of Publications by Year in Descending Order

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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.

51
papers

1,619
citations

21
h-index

39
g-index

56
ext. papers

2,139
ext. citations

7
avg, IF

5.3
L-index

#	Paper	IF	Citations
51	Oestrogenic Regulation of Mitochondrial Dynamics.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
50	Estrogen and Cardiovascular Health.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 886592	5.4	1
49	Role of Biological Sex in the Cardiovascular-Gut Microbiome Axis.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 759735	5.4	6
48	Genome-wide association analysis in dilated cardiomyopathy reveals two new players in systolic heart failure on chromosomes 3p25.1 and 22q11.23. <i>European Heart Journal</i> , 2021 , 42, 2000-2011	9.5	14
47	In Reply - COVID-19, the Female Immune Advantage, and Cardiovascular Impact. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 821-822	6.4	0
46	Z-Inspection : A Process to Assess Trustworthy AI. <i>IEEE Transactions on Technology and Society</i> , 2021 , 2, 83-97	5.2	13
45	KLF5 Is Induced by FOXO1 and Causes Oxidative Stress and Diabetic Cardiomyopathy. <i>Circulation Research</i> , 2021 , 128, 335-357	15.7	14
44	On Assessing Trustworthy AI in Healthcare. Machine Learning as a Supportive Tool to Recognize Cardiac Arrest in Emergency Calls. <i>Frontiers in Human Dynamics</i> , 2021 , 3,	0.7	3
43	Sex-Biased Vulnerability of the Heart to COVID-19. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 2332-2335	6.4	9
42	Estrogen-related mechanisms in sex differences of hypertension and target organ damage. <i>Biology of Sex Differences</i> , 2020 , 11, 31	9.3	26
41	Menopause-Related Estrogen Decrease and the Pathogenesis of HFpEF: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1074-1082	15.1	38
40	Sex-Specific Human Cardiomyocyte Gene Regulation in Left Ventricular Pressure Overload. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 688-697	6.4	9
39	Ageing, sex, and cardioprotection. <i>British Journal of Pharmacology</i> , 2020 , 177, 5270-5286	8.6	18
38	H3K27ac acetylome signatures reveal the epigenomic reorganization in remodeled non-failing human hearts. <i>Clinical Epigenetics</i> , 2020 , 12, 106	7.7	9
37	An integrative systems approach identifies novel candidates in Marfan syndrome-related pathophysiology. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 2526-2535	5.6	8
36	Sex-Specific Adverse Effects of Chronic Dichloroacetate Administration in Mice. <i>FASEB Journal</i> , 2019 , 33, 758.12	0.9	1
35	Sex-specific regulation of cardiac microRNAs targeting mitochondrial proteins in pressure overload. <i>Biology of Sex Differences</i> , 2019 , 10, 8	9.3	19

34	The Zebrafish () Is a Relevant Model for Studying Sex-Specific Effects of 17 β Estradiol in the Adult Heart. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
33	Assessment of Bones Deficient in Fibrillin-1 Microfibrils Reveals Pronounced Sex Differences. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
32	The DrugPattern tool for drug set enrichment analysis and its prediction for beneficial effects of oxLDL on type 2 diabetes. <i>Journal of Genetics and Genomics</i> , 2018 , 45, 389-397	4	9
31	Sex Differences in Remodeling of the Failing Heart. <i>FASEB Journal</i> , 2018 , 32, 235.3	0.9	1
30	Large-scale in silico identification of drugs exerting sex-specific effects in the heart. <i>Journal of Translational Medicine</i> , 2018 , 16, 236	8.5	9
29	En route to precision medicine through the integration of biological sex into pharmacogenomics. <i>Clinical Science</i> , 2017 , 131, 329-342	6.5	21
28	Sex in basic research: concepts in the cardiovascular field. <i>Cardiovascular Research</i> , 2017 , 113, 711-724	9.9	77
27	Folic acid reduces doxorubicin-induced cardiomyopathy by modulating endothelial nitric oxide synthase. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 3277-3287	5.6	26
26	Mechanistic Pathways of Sex Differences in Cardiovascular Disease. <i>Physiological Reviews</i> , 2017 , 97, 1-37	47.9	290
25	17 β Estradiol-induced interaction of estrogen receptor β and human atrial essential myosin light chain modulates cardiac contractile function. <i>Basic Research in Cardiology</i> , 2017 , 112, 1	11.8	16
24	Intralipid protects the heart in late pregnancy against ischemia/reperfusion injury via Caveolin2/STAT3/GSK-3 β pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 102, 108-116	5.8	17
23	Exome-wide association study reveals novel susceptibility genes to sporadic dilated cardiomyopathy. <i>PLoS ONE</i> , 2017 , 12, e0172995	3.7	66
22	Role of biological sex in cardiovascular disease: the case of hypertension and related target organ damage. <i>Biochemist</i> , 2017 , 39, 18-21	0.5	
21	Reduction of apoptosis and preservation of mitochondrial integrity under ischemia/reperfusion injury is mediated by estrogen receptor α <i>Biology of Sex Differences</i> , 2016 , 7, 53	9.3	26
20	Estradiol modulates myosin regulatory light chain phosphorylation and contractility in skeletal muscle of female mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E724-33	6	29
19	Why the study of the effects of biological sex is important. Commentary. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2016 , 52, 149-50	1.6	9
18	Effects of aging on cardiac extracellular matrix in men and women. <i>Proteomics - Clinical Applications</i> , 2016 , 10, 84-91	3.1	49
17	Estrogen modulates cardiac growth through an estrogen receptor β dependent mechanism in healthy ovariectomized mice. <i>Molecular and Cellular Endocrinology</i> , 2014 , 382, 909-14	4.4	31

16	Genetic background defines the regulation of postnatal cardiac growth by 17 β -estradiol through a β -catenin mechanism. <i>Endocrinology</i> , 2014 , 155, 2667-76	4.8	23
15	Sex differences in exercise-induced physiological myocardial hypertrophy are modulated by oestrogen receptor beta. <i>Cardiovascular Research</i> , 2014 , 102, 418-28	9.9	51
14	Maladaptive remodeling is associated with impaired survival in women but not in men after aortic valve replacement. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 1073-80	8.4	62
13	Sex-dependent regulation of fibrosis and inflammation in human left ventricular remodelling under pressure overload. <i>European Journal of Heart Failure</i> , 2014 , 16, 1160-7	12.3	92
12	Comparative proteomic analysis reveals sex and estrogen receptor β effects in the pressure overloaded heart. <i>Journal of Proteome Research</i> , 2014 , 13, 5829-36	5.6	36
11	Dose-dependent effects of a genistein-enriched diet in the heart of ovariectomized mice. <i>Genes and Nutrition</i> , 2013 , 8, 383-90	4.3	12
10	Sex- and estrogen-dependent regulation of a miRNA network in the healthy and hypertrophied heart. <i>International Journal of Cardiology</i> , 2013 , 169, 331-8	3.2	75
9	Role of estrogen receptor β in estradiol-induced cardiac growth. <i>FASEB Journal</i> , 2013 , 27, 1189.1	0.9	
8	Transcriptome characterization of estrogen-treated human myocardium identifies myosin regulatory light chain interacting protein as a sex-specific element influencing contractile function. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 410-7	15.1	72
7	Long-term treatment of ovariectomized mice with estradiol or phytoestrogens as a new model to study the role of estrogenic substances in the heart. <i>Planta Medica</i> , 2012 , 78, 6-11	3.1	12
6	17 β -Estradiol-induced interaction of ER α with NPPA regulates gene expression in cardiomyocytes. <i>Cardiovascular Research</i> , 2012 , 96, 411-21	9.9	32
5	Estrogen induces cardiomyocyte contractility via an MLCK/MRLC-dependent mechanism. <i>FASEB Journal</i> , 2012 , 26, 1054.8	0.9	1
4	Role of the estrogen/estrogen-receptor-beta axis in the genomic response to pressure overload-induced hypertrophy. <i>Physiological Genomics</i> , 2011 , 43, 438-46	3.6	47
3	Sex-specific regulation of contractile function by 17 β -estradiol in mouse cardiomyocytes. <i>FASEB Journal</i> , 2011 , 25, 1060.6	0.9	
2	Female sex and estrogen receptor-beta attenuate cardiac remodeling and apoptosis in pressure overload. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R1597-606	3.2	170
1	Sex-specific modification of progesterone receptor expression by 17 β -estradiol in human cardiac tissues. <i>Biology of Sex Differences</i> , 2010 , 1, 2	9.3	32