

# Henrique GirÃ£o

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5165637/publications.pdf>

Version: 2024-02-01

108  
papers

3,474  
citations

117625

34  
h-index

168389

53  
g-index

115  
all docs

115  
docs citations

115  
times ranked

5219  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes secreted by cardiomyocytes subjected to ischaemia promote cardiac angiogenesis. <i>Cardiovascular Research</i> , 2017, 113, 1338-1350.	3.8	193
2	STUB1/CHIP is required for HIF1A degradation by chaperone-mediated autophagy. <i>Autophagy</i> , 2013, 9, 1349-1366.	9.1	159
3	Gap junctional protein Cx43 is involved in the communication between extracellular vesicles and mammalian cells. <i>Scientific Reports</i> , 2015, 5, 13243.	3.3	135
4	Role of connexin 43 in different forms of intercellular communication – gap junctions, extracellular vesicles and tunnelling nanotubes. <i>Journal of Cell Science</i> , 2017, 130, 3619-3630.	2.0	119
5	Autophagy modulates dynamics of connexins at the plasma membrane in a ubiquitin-dependent manner. <i>Molecular Biology of the Cell</i> , 2012, 23, 2156-2169.	2.1	110
6	Circulating blood cells and extracellular vesicles in acute cardioprotection. <i>Cardiovascular Research</i> , 2019, 115, 1156-1166.	3.8	106
7	Eps15 interacts with ubiquitinated Cx43 and mediates its internalization. <i>Experimental Cell Research</i> , 2009, 315, 3587-3597.	2.6	104
8	Actin in the endocytic pathway: From yeast to mammals. <i>FEBS Letters</i> , 2008, 582, 2112-2119.	2.8	87
9	High Glucose Down-regulates Intercellular Communication in Retinal Endothelial Cells by Enhancing Degradation of Connexin 43 by a Proteasome-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 2004, 279, 27219-27224.	3.4	78
10	K63 linked ubiquitin chain formation is a signal for HIF1A degradation by Chaperone-Mediated Autophagy. <i>Scientific Reports</i> , 2015, 5, 10210.	3.3	77
11	Ischaemia-induced autophagy leads to degradation of gap junction protein connexin43 in cardiomyocytes. <i>Biochemical Journal</i> , 2015, 467, 231-245.	3.7	74
12	IMproving Preclinical Assessment of Cardioprotective Therapies (IMPACT) criteria: guidelines of the EU-CARDIOPROTECTION COST Action. <i>Basic Research in Cardiology</i> , 2021, 116, 52.	5.9	73
13	MicroRNA-424(322) as a new marker of disease progression in pulmonary arterial hypertension and its role in right ventricular hypertrophy by targeting SMURF1. <i>Cardiovascular Research</i> , 2018, 114, 53-64.	3.8	72
14	LAMP2A regulates the loading of proteins into exosomes. <i>Science Advances</i> , 2022, 8, eabm1140.	10.3	69
15	Targeting mitochondrial fusion and fission proteins for cardioprotection. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 6571-6585.	3.6	63
16	Presence of Cx43 in extracellular vesicles reduces the cardiotoxicity of the anti-tumour therapeutic approach with doxorubicin. <i>Journal of Extracellular Vesicles</i> , 2016, 5, 32538.	12.2	62
17	Cholesterol Oxides Accumulate in Human Cataracts. <i>Experimental Eye Research</i> , 1998, 66, 645-652.	2.6	61
18	Bacterial Cellulose As a Support for the Growth of Retinal Pigment Epithelium. <i>Biomacromolecules</i> , 2015, 16, 1341-1351.	5.4	57

#	ARTICLE	IF	CITATIONS
19	Molecular control of chaperone-mediated autophagy. <i>Essays in Biochemistry</i> , 2017, 61, 663-674.	4.7	57
20	Interacting Network of the Gap Junction (GJ) Protein Connexin43 (Cx43) is Modulated by Ischemia and Reperfusion in the Heart*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 3040-3055.	3.8	55
21	Biological Functions of Connexin43 Beyond Intercellular Communication. <i>Trends in Cell Biology</i> , 2019, 29, 835-847.	7.9	54
22	Improving translational research in sex-specific effects of comorbidities and risk factors in ischaemic heart disease and cardioprotection: position paper and recommendations of the ESC Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2021, 117, 367-385.	3.8	53
23	The Force at the Tip - Modelling Tension and Proliferation in Sprouting Angiogenesis. <i>PLoS Computational Biology</i> , 2015, 11, e1004436.	3.2	52
24	Ubiquitin-mediated internalization of connexin43 is independent of the canonical endocytic tyrosine-sorting signal. <i>Biochemical Journal</i> , 2011, 437, 255-267.	3.7	49
25	Mitochondrial ion channels as targets for cardioprotection. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7102-7114.	3.6	48
26	Lens fibers have a fully functional ubiquitin-proteasome pathway. <i>Experimental Eye Research</i> , 2003, 76, 623-631.	2.6	46
27	Intercellular Communication in the Heart: Therapeutic Opportunities for Cardiac Ischemia. <i>Trends in Molecular Medicine</i> , 2021, 27, 248-262.	6.7	45
28	EHD1 Modulates Cx43 Gap Junction Remodeling Associated With Cardiac Diseases. <i>Circulation Research</i> , 2020, 126, e97-e113.	4.5	44
29	New platinum(II)â€“bipyridyl corrole complexes: Synthesis, characterization and binding studies with DNA and HSA. <i>Journal of Inorganic Biochemistry</i> , 2015, 153, 32-41.	3.5	43
30	Phosphorylation of connexin 43 acts as a stimuli for proteasome-dependent degradation of the protein in lens epithelial cells. <i>Molecular Vision</i> , 2003, 9, 24-30.	1.1	41
31	Acetylated bacterial cellulose coated with urinary bladder matrix as a substrate for retinal pigment epithelium. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 1-9.	5.0	39
32	AMSHâ€“mediated deubiquitination of Cx43 regulates internalization and degradation of gap junctions. <i>FASEB Journal</i> , 2014, 28, 4629-4641.	0.5	37
33	Heart ischemia results in connexin43 ubiquitination localized at the intercalated discs. <i>Biochimie</i> , 2015, 112, 196-201.	2.6	37
34	Mitochondria-Targeted Photodynamic Therapy with a Galactodendritic Chlorin to Enhance Cell Death in Resistant Bladder Cancer Cells. <i>Bioconjugate Chemistry</i> , 2016, 27, 2762-2769.	3.6	37
35	Tamoxifen in combination with temozolomide induce a synergistic inhibition of PKC-pan in GBM cell lines. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 722-732.	2.4	33
36	The role of galectin-1 in inÂvivo and inÂvitro photodynamic therapy with a galactodendritic porphyrin. <i>European Journal of Cancer</i> , 2016, 68, 60-69.	2.8	32

#	ARTICLE	IF	CITATIONS
37	RyR2 regulates Cx43 hemichannel intracellular Ca <sup>2+</sup> -dependent activation in cardiomyocytes. <i>Cardiovascular Research</i> , 2021, 117, 123-136.	3.8	31
38	Microglial Extracellular Vesicles as Vehicles for Neurodegeneration Spreading. <i>Biomolecules</i> , 2021, 11, 770.	4.0	31
39	Cx43 and Associated Cell Signaling Pathways Regulate Tunneling Nanotubes in Breast Cancer Cells. <i>Cancers</i> , 2020, 12, 2798.	3.7	31
40	Bioactivity of <i>Fragaria vesca</i> leaves through inflammation, proteasome and autophagy modulation. <i>Journal of Ethnopharmacology</i> , 2014, 158, 113-122.	4.1	30
41	Animal models and animal-free innovations for cardiovascular research: current status and routes to be explored. Consensus document of the ESC Working Group on Myocardial Function and the ESC Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2022, 118, 3016-3051.	3.8	30
42	Cholesterol may act as an antioxidant in lens membranes. <i>Current Eye Research</i> , 1999, 18, 448-454.	1.5	29
43	The proteasome regulates the interaction between Cx43 and ZO-1. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 719-728.	2.6	29
44	Synthesis, characterization and biomolecule-binding properties of novel tetra-platinum(II)-thiopyridylporphyrins. <i>Dalton Transactions</i> , 2015, 44, 530-538.	3.3	29
45	Alteration in Phospholipidome Profile of Myoblast H9c2 Cell Line in a Model of Myocardium Starvation and Ischemia. <i>Journal of Cellular Physiology</i> , 2016, 231, 2266-2274.	4.1	29
46	Protective Effects of Terpenes on the Cardiovascular System: Current Advances and Future Perspectives. <i>Current Medicinal Chemistry</i> , 2016, 23, 4559-4600.	2.4	29
47	Ischaemia alters the effects of cardiomyocyte-derived extracellular vesicles on macrophage activation. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1137-1151.	3.6	28
48	Subcellular Redistribution of Components of the Ubiquitin-Proteasome Pathway during Lens Differentiation and Maturation. , 2005, 46, 1386.		27
49	Exosomes derived from microglia exposed to elevated pressure amplify the neuroinflammatory response in retinal cells. <i>Glia</i> , 2020, 68, 2705-2724.	4.9	26
50	COVID-19-related cardiac complications from clinical evidences to basic mechanisms: opinion paper of the ESC Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2021, 117, 2148-2160.	3.8	26
51	Myocardial infarction affects Cx43 content of extracellular vesicles secreted by cardiomyocytes. <i>Life Science Alliance</i> , 2020, 3, e202000821.	2.8	26
52	Autophagy and Ubiquitination in Cardiovascular Diseases. <i>DNA and Cell Biology</i> , 2015, 34, 243-251.	1.9	25
53	Glioblastoma entities express subtle differences in molecular composition and response to treatment. <i>Oncology Reports</i> , 2017, 38, 1341-1352.	2.6	24
54	Simple and Fast SEC-Based Protocol to Isolate Human Plasma-Derived Extracellular Vesicles for Transcriptional Research. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 723-737.	4.1	24

#	ARTICLE	IF	CITATIONS
55	Micro-RNA Analysis in Pulmonary Arterial Hypertension. <i>JACC Basic To Translational Science</i> , 2020, 5, 1149-1162.	4.1	24
56	Canonical and Non-Canonical Roles of Connexin43 in Cardioprotection. <i>Biomolecules</i> , 2020, 10, 1225.	4.0	24
57	The Expression of Connexins and SOX2 Reflects the Plasticity of Glioma Stem-Like Cells. <i>Translational Oncology</i> , 2017, 10, 555-569.	3.7	21
58	DNAJB4 molecular chaperone distinguishes WT from mutant E-cadherin, determining their fate in vitro and in vivo. <i>Human Molecular Genetics</i> , 2014, 23, 2094-2105.	2.9	20
59	Chemical characterization and cytotoxic potential of an ellagitannin-enriched fraction from <i>Fragaria vesca</i> leaves. <i>Arabian Journal of Chemistry</i> , 2019, 12, 3652-3666.	4.9	20
60	To beat or not to beat: degradation of Cx43 imposes the heart rhythm. <i>Biochemical Society Transactions</i> , 2015, 43, 476-481.	3.4	19
61	Cholinergic stimulation with pyridostigmine protects myocardial infarcted rats against ischemic-induced arrhythmias and preserves connexin43 protein. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H101-H107.	3.2	18
62	The Role of Essential Oils and Their Main Compounds in the Management of Cardiovascular Disease Risk Factors. <i>Molecules</i> , 2021, 26, 3506.	3.8	18
63	Proteostasis and SUMO in the heart. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 443-450.	2.8	17
64	Cellular crosstalk in cardioprotection: Where and when do reactive oxygen species play a role?. <i>Free Radical Biology and Medicine</i> , 2021, 169, 397-409.	2.9	16
65	Cholesterol oxides mediated changes in cytoskeletal organisation involves Rho GTPases. <i>Experimental Cell Research</i> , 2003, 291, 502-513.	2.6	15
66	7-Ketocholesterol modulates intercellular communication through gap-junction in bovine lens epithelial cells. <i>Cell Communication and Signaling</i> , 2004, 2, 2.	6.5	14
67	Signalling mechanisms that regulate metabolic profile and autophagy of acute myeloid leukaemia cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4807-4817.	3.6	14
68	Exosomes and STUB1/CHIP cooperate to maintain intracellular proteostasis. <i>PLoS ONE</i> , 2019, 14, e0223790.	2.5	14
69	Characterization of phospholipid nitroxidation by LC-MS in biomimetic models and in H9c2 Myoblast using a lipidomic approach. <i>Free Radical Biology and Medicine</i> , 2017, 106, 219-227.	2.9	12
70	Caveolin-1 Modulation Increases Efficacy of a Galacto-Conjugated Phthalocyanine in Bladder Cancer Cells Resistant to Photodynamic Therapy. <i>Molecular Pharmaceutics</i> , 2020, 17, 2145-2154.	4.6	12
71	Cx43-mediated sorting of miRNAs into extracellular vesicles. <i>EMBO Reports</i> , 2022, 23, e54312.	4.5	12
72	Hyperglycemia-induced degradation of HIF-1 $\alpha$ contributes to impaired response of cardiomyocytes to hypoxia. <i>Revista Portuguesa De Cardiologia</i> , 2017, 36, 367-373.	0.5	11

#	ARTICLE	IF	CITATIONS
73	Cardiac-released extracellular vesicles can activate endothelial cells. <i>Annals of Translational Medicine</i> , 2017, 5, 64-64.	1.7	11
74	The Footprint of Exosomes in the Radiation-Induced Bystander Effects. <i>Bioengineering</i> , 2022, 9, 243.	3.5	11
75	Disclosing the functional changes of two genetic alterations in a patient with Chronic Progressive External Ophthalmoplegia: Report of the novel mtDNA m.7486G>A variant. <i>Neuromuscular Disorders</i> , 2018, 28, 350-360.	0.6	10
76	Circadian rhythms in ischaemic heart disease: key aspects for preclinical and translational research: position paper of the ESC working group on cellular biology of the heart. <i>Cardiovascular Research</i> , 2021, , .	3.8	10
77	The Role of Proteostasis in the Regulation of Cardiac Intercellular Communication. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1233, 279-302.	1.6	10
78	Protective Effects of Phenylpropanoids and Phenylpropanoid-rich Essential Oils on the Cardiovascular System. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 1459-1471.	2.4	10
79	Connexin 43 ubiquitination determines the fate of gap junctions: restrict to survive. <i>Biochemical Society Transactions</i> , 2015, 43, 471-475.	3.4	9
80	7-ketocholesterol stimulates differentiation of lens epithelial cells. <i>Molecular Vision</i> , 2003, 9, 497-501.	1.1	9
81	Ischaemia impacts TNT-mediated communication between cardiac cells. <i>Current Research in Cell Biology</i> , 2020, 1, 100001.	2.4	8
82	1,8-Cineole ameliorates right ventricle dysfunction associated with pulmonary arterial hypertension by restoring connexin43 and mitochondrial homeostasis. <i>Pharmacological Research</i> , 2022, 180, 106151.	7.1	8
83	Effect of Different Irrigation Solutions on the Diffusion of MTA Cement into the Root Canal Dentin. <i>Materials</i> , 2020, 13, 5472.	2.9	7
84	Phagolysosomal remodeling to confine <i>Candida albicans</i> in the macrophage. <i>Trends in Microbiology</i> , 2022, 30, 519-523.	7.7	7
85	Hyperglycemia-induced degradation of HIF-1 $\alpha$ contributes to impaired response of cardiomyocytes to hypoxia. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2017, 36, 367-373.	0.2	6
86	The good, the bad and the ugly: the impact of extracellular vesicles on the cardiovascular system. <i>Journal of Physiology</i> , 2023, 601, 4837-4852.	2.9	6
87	Intravascular imaging, histopathological analysis, and catecholamine quantification following catheter-based renal denervation in a swine model: the impact of prebifurcation energy delivery. <i>Hypertension Research</i> , 2018, 41, 708-717.	2.7	5
88	A Conserved LIR Motif in Connexins Mediates Ubiquitin-Independent Binding to LC3/GABARAP Proteins. <i>Cells</i> , 2020, 9, 902.	4.1	4
89	Cardiac phospholipidome is altered during ischemia and reperfusion in an ex vivo rat model. <i>Biochemistry and Biophysics Reports</i> , 2021, 27, 101037.	1.3	4
90	A new predictive marker of ventricular remodeling associated with aortic stenosis. <i>Revista Portuguesa De Cardiologia</i> , 2020, 39, 389-390.	0.5	3

#	ARTICLE	IF	CITATIONS
91	Cellular and molecular mechanisms underlying plasma membrane functionality and integrity. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	3
92	P145 Degradation of gap junction protein Cx43 by autophagy in ischemic heart is determined by the triggering signal: the role of AMPK Vs Beclin1. <i>Cardiovascular Research</i> , 2014, 103, S25.4-S25.	3.8	1
93	Role of Chaperone-Mediated Autophagy in Ageing and Neurodegeneration. <i>Current Topics in Neurotoxicity</i> , 2015, , 25-40.	0.4	1
94	Targeted Approach for Proteomic Analysis of a Hidden Membrane Protein. <i>Methods in Molecular Biology</i> , 2017, 1619, 151-172.	0.9	1
95	Elucidation of the dynamic nature of interactome networks: A practical tutorial. <i>Journal of Proteomics</i> , 2018, 171, 116-126.	2.4	1
96	Ubiquitin induces interference in communication: ubiquitination of cx43 leads to gap junction degradation in ischemic heart. <i>European Heart Journal</i> , 2013, 34, 1604-1604.	2.2	0
97	To beat or not to beat: detrimental autophagy contributes to gap junctions degradation in ischemic heart. <i>European Heart Journal</i> , 2013, 34, 775-775.	2.2	0
98	One small step for exosomes, one giant leap for Kawasaki disease. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2016, 35, 275-276.	0.2	0
99	One small step for exosomes, one giant leap for Kawasaki disease. <i>Revista Portuguesa De Cardiologia</i> , 2016, 35, 275-276.	0.5	0
100	A novel cardioprotective strategy targeting mitochondrial reactive oxygen species production independent of antioxidant activity. <i>Revista Portuguesa De Cardiologia</i> , 2021, 40, 283-284.	0.5	0
101	A novel cardioprotective strategy targeting mitochondrial reactive oxygen species production independent of antioxidant activity. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2021, 40, 283-284.	0.2	0
102	MYOC Gene Sequencing Analysis in Primary Open-Angle Glaucoma Patients from the Centre Region of Portugal. <i>Acta Medica Portuguesa</i> , 2021, 34, 586.	0.4	0
103	Immune cell subsets as a marker of development of heart failure: The application of bioinformatics tools. <i>Revista Portuguesa De Cardiologia</i> , 2021, 40, 849-849.	0.5	0
104	Effects of treatment with pyridostigmine on ECG, hemodynamics and connexin 43 after acute myocardial infarct in anesthetized rats (1169.13). <i>FASEB Journal</i> , 2014, 28, 1169.13.	0.5	0
105	A Importância da Comunicação em Saúde. <i>Revista Internacional Em Língua Portuguesa</i> , 2018, 33, 15-25.	0.0	0
106	A new predictive marker of ventricular remodeling associated with aortic stenosis. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2020, 39, 389-390.	0.2	0
107	Immune cell subsets as a marker of development of heart failure: The application of bioinformatics tools. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2021, 40, 849-851.	0.2	0
108	A new weapon in the armamentarium to tackle inflammation associated with myocardial infarction. <i>Revista Portuguesa De Cardiologia</i> , 2022, 41, 207-208.	0.5	0