

Roger S-Y Foo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6261832/roger-s-y-foo-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

95
papers

2,980
citations

30
h-index

53
g-index

108
ext. papers

3,949
ext. citations

8.9
avg, IF

5.06
L-index

#	Paper	IF	Citations
95	The International Human Epigenome Consortium: A Blueprint for Scientific Collaboration and Discovery. <i>Cell</i> , 2016 , 167, 1145-1149	56.2	232
94	Death begets failure in the heart. <i>Journal of Clinical Investigation</i> , 2005 , 115, 565-71	15.9	228
93	Distinct epigenomic features in end-stage failing human hearts. <i>Circulation</i> , 2011 , 124, 2411-22	16.7	196
92	A landscape of circular RNA expression in the human heart. <i>Cardiovascular Research</i> , 2017 , 113, 298-309	9.9	172
91	Differential DNA methylation correlates with differential expression of angiogenic factors in human heart failure. <i>PLoS ONE</i> , 2010 , 5, e8564	3.7	153
90	Increased InsP3Rs in the junctional sarcoplasmic reticulum augment Ca ²⁺ transients and arrhythmias associated with cardiac hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 11406-11	11.5	100
89	The programming of cardiac hypertrophy in the offspring by maternal obesity is associated with hyperinsulinemia, AKT, ERK, and mTOR activation. <i>Endocrinology</i> , 2012 , 153, 5961-71	4.8	97
88	Regulation of p53 tetramerization and nuclear export by ARC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 20826-31	11.5	89
87	Genome-wide conserved consensus transcription factor binding motifs are hyper-methylated. <i>BMC Genomics</i> , 2010 , 11, 519	4.5	81
86	The spatial organization of intra-tumour heterogeneity and evolutionary trajectories of metastases in hepatocellular carcinoma. <i>Nature Communications</i> , 2017 , 8, 4565	17.4	78
85	Double-blind, placebo-controlled crossover comparison of five classes of antihypertensive drugs. <i>Journal of Hypertension</i> , 2002 , 20, 771-7	1.9	75
84	Targeting the highly abundant circular RNA circSlc8a1 in cardiomyocytes attenuates pressure overload induced hypertrophy. <i>Cardiovascular Research</i> , 2019 , 115, 1998-2007	9.9	73
83	Ubiquitination and degradation of the anti-apoptotic protein ARC by MDM2. <i>Journal of Biological Chemistry</i> , 2007 , 282, 5529-35	5.4	65
82	Simplified apoptotic cascades. <i>Heart Failure Reviews</i> , 2008 , 13, 111-9	5	57
81	Genome-wide DNA methylation in human heart failure. <i>Epigenomics</i> , 2011 , 3, 103-9	4.4	54
80	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. <i>Cell</i> , 2019 , 179, 736-749.e15	56.2	51
79	Mitochondrial substrate utilization regulates cardiomyocyte cell-cycle progression. <i>Nature Metabolism</i> , 2020 , 2, 167-178	14.6	50

78	The apoptosis inhibitor ARC undergoes ubiquitin-proteasomal-mediated degradation in response to death stimuli: identification of a degradation-resistant mutant. <i>Journal of Biological Chemistry</i> , 2007 , 282, 5522-8	5.4	50
77	Engineered Circular RNA Sponges Act as miRNA Inhibitors to Attenuate Pressure Overload-Induced Cardiac Hypertrophy. <i>Molecular Therapy</i> , 2020 , 28, 1506-1517	11.7	50
76	MicroRNAs targeting the SARS-CoV-2 entry receptor ACE2 in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 148, 46-49	5.8	47
75	Nutrient deprivation regulates DNA damage repair in cardiomyocytes via loss of the base-excision repair enzyme OGG1. <i>FASEB Journal</i> , 2012 , 26, 2117-24	0.9	43
74	Role of Vascular Smooth Muscle Cell Plasticity and Interactions in Vessel Wall Inflammation. <i>Frontiers in Immunology</i> , 2020 , 11, 599415	8.4	43
73	ARCN1 Mutations Cause a Recognizable Craniofacial Syndrome Due to COPI-Mediated Transport Defects. <i>American Journal of Human Genetics</i> , 2016 , 99, 451-9	11	41
72	Prevalence of primary hyperaldosteronism assessed by aldosterone/renin ratio and spironolactone testing. <i>Clinical Medicine</i> , 2005 , 5, 55-60	1.9	40
71	Circulating miR-323-3p and miR-652: candidate markers for the presence and progression of acute coronary syndromes. <i>International Journal of Cardiology</i> , 2014 , 176, 375-85	3.2	36
70	Following hearts, one cell at a time: recent applications of single-cell RNA sequencing to the understanding of heart disease. <i>Nature Communications</i> , 2018 , 9, 4434	17.4	36
69	Experimental heart failure modelled by the cardiomyocyte-specific loss of an epigenome modifier, DNMT3B. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 82, 174-83	5.8	35
68	PURA syndrome: clinical delineation and genotype-phenotype study in 32 individuals with review of published literature. <i>Journal of Medical Genetics</i> , 2018 , 55, 104-113	5.8	35
67	Mapping of $\gamma\delta$ T cells reveals $\gamma\delta$ + T cells resistance to senescence. <i>EBioMedicine</i> , 2019 , 39, 44-58	8.8	32
66	Targeting Chondroitin Sulfate Glycosaminoglycans to Treat Cardiac Fibrosis in Pathological Remodeling. <i>Circulation</i> , 2018 , 137, 2497-2513	16.7	30
65	Adipose circular RNAs exhibit dynamic regulation in obesity and functional role in adipogenesis. <i>Nature Metabolism</i> , 2019 , 1, 688-703	14.6	30
64	The landscape of DNA repeat elements in human heart failure. <i>Genome Biology</i> , 2012 , 13, R90	18.3	29
63	High-throughput sequencing identifies STAT3 as the DNA-associated factor for p53-NF-kappaB-complex-dependent gene expression in human heart failure. <i>Genome Medicine</i> , 2010 , 2, 37	14.4	28
62	Erbin is a negative modulator of cardiac hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 5902-7	11.5	26
61	Heme oxygenase-1 gene transfer inhibits angiotensin II-mediated rat cardiac myocyte apoptosis but not hypertrophy. <i>Journal of Cellular Physiology</i> , 2006 , 209, 1-7	7	26

60	Pharmacological inhibition of DNA methylation attenuates pressure overload-induced cardiac hypertrophy in rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 120, 53-63	5.8	26
59	Metformin Inhibits Cellular Proliferation and Bioenergetics in Colorectal Cancer Patient-Derived Xenografts. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 2035-2044	6.1	24
58	Bimodal Influence of Vitamin D in Host Response to Systemic Candida Infection-Vitamin D Dose Matters. <i>Journal of Infectious Diseases</i> , 2015 , 212, 635-44	7	24
57	Circles in the heart and cardiovascular system. <i>Cardiovascular Research</i> , 2020 , 116, 269-278	9.9	22
56	Natriuretic peptide receptor 3 (NPR3) is regulated by microRNA-100. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 82, 13-21	5.8	22
55	Genetic and Epigenetic Mechanisms Underlying Vascular Smooth Muscle Cell Phenotypic Modulation in Abdominal Aortic Aneurysm. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	22
54	Exclusion of alternative exon 33 of Ca _v 1.2 calcium channels in heart is proarrhythmogenic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4288-E4295	11.5	21
53	Robust CTCF-Based Chromatin Architecture Underpins Epigenetic Changes in the Heart Failure Stress-Gene Response. <i>Circulation</i> , 2019 , 139, 1937-1956	16.7	20
52	Toll-like receptor 7 deficiency promotes survival and reduces adverse left ventricular remodelling after myocardial infarction. <i>Cardiovascular Research</i> , 2019 , 115, 1791-1803	9.9	17
51	Incidentalome from Genomic Sequencing: A Barrier to Personalized Medicine?. <i>EBioMedicine</i> , 2016 , 5, 211-6	8.8	17
50	Aberrant Splicing Promotes Proteasomal Degradation of L-type Ca _v 1.2 Calcium Channels by Competitive Binding for Ca _v β Subunits in Cardiac Hypertrophy. <i>Scientific Reports</i> , 2016 , 6, 35247	4.9	16
49	PKB/Akt activation inhibits p53-mediated HIF1A degradation that is independent of MDM2. <i>Journal of Cellular Physiology</i> , 2010 , 222, 635-9	7	15
48	Population genomics in South East Asia captures unexpectedly high carrier frequency for treatable inherited disorders. <i>Genetics in Medicine</i> , 2019 , 21, 207-212	8.1	13
47	Prioritizing Candidates of Post-Myocardial Infarction Heart Failure Using Plasma Proteomics and Single-Cell Transcriptomics. <i>Circulation</i> , 2020 , 142, 1408-1421	16.7	13
46	Single-cell genomic profiling of acute myeloid leukemia for clinical use: A pilot study. <i>Oncology Letters</i> , 2017 , 13, 1625-1630	2.6	12
45	Acute lymphoblastic leukemia in a child with a de novo germline gnb1 mutation. <i>American Journal of Medical Genetics, Part A</i> , 2017 , 173, 550-552	2.5	11
44	FHL2 switches MITF from activator to repressor of Erbin expression during cardiac hypertrophy. <i>International Journal of Cardiology</i> , 2015 , 195, 85-94	3.2	11
43	Tricho-hepato-enteric syndrome (THE-S): two cases and review of the literature. <i>European Journal of Pediatrics</i> , 2015 , 174, 1405-11	4.1	11

42	Characterization of Ca1.2 exon 33 heterozygous knockout mice and negative correlation between Rbfox1 and Ca1.2 exon 33 expressions in human heart failure. <i>Channels</i> , 2018 , 12, 51-57	3	10
41	Disrupting the LINC complex by AAV mediated gene transduction prevents progression of Lamin induced cardiomyopathy. <i>Nature Communications</i> , 2021 , 12, 4722	17.4	10
40	Study Protocol for a Randomized Controlled Trial of Choral Singing Intervention to Prevent Cognitive Decline in At-Risk Older Adults Living in the Community. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 195	5.3	9
39	Somatic mutations of GNA11 and GNAQ in CTNNB1-mutant aldosterone-producing adenomas presenting in puberty, pregnancy or menopause. <i>Nature Genetics</i> , 2021 , 53, 1360-1372	36.3	9
38	Epigenomes of Human Hearts Reveal New Genetic Variants Relevant for Cardiac Disease and Phenotype. <i>Circulation Research</i> , 2020 , 127, 761-777	15.7	8
37	AAV9 Delivery of shRNA to the Mouse Heart. <i>Current Protocols in Molecular Biology</i> , 2016 , 115, 23.16.1-23.16.9	16.9	7
36	What we know about cardiomyocyte dedifferentiation. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 152, 80-91	5.8	7
35	Effect of overexpressed adenylyl cyclase VI on beta 1- and beta 2-adrenoceptor responses in adult rat ventricular myocytes. <i>British Journal of Pharmacology</i> , 2004 , 143, 465-76	8.6	6
34	Genetic variation influencing DNA methylation provides insights into molecular mechanisms regulating genomic function.. <i>Nature Genetics</i> , 2022 ,	36.3	6
33	A Meta-Analysis on the Global Prevalence, Risk factors and Screening of Coronary Heart Disease in Nonalcoholic Fatty Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2021 ,	6.9	6
32	Fatty acid oxidation is a druggable gateway regulating cellular plasticity for driving metastasis in breast cancer. <i>Science Advances</i> , 2021 , 7, eabh2443	14.3	5
31	Life-threatening arrhythmias with autosomal recessive TECRL variants. <i>Europace</i> , 2021 , 23, 781-788	3.9	5
30	Upregulation of Yy1 Suppresses Dilated Cardiomyopathy caused by Ttn insufficiency. <i>Scientific Reports</i> , 2019 , 9, 16330	4.9	4
29	Preparing health systems in Southeast and East Asia for new paradigms of care/personalized medicine in cancers: are health systems ready for evolving cancer management?. <i>Journal of Asian Public Policy</i> , 2017 , 10, 268-286	1	4
28	Placebo Effect on Progression and Regression in Non-Alcoholic Steatohepatitis. Evidence from a Meta-Analysis.. <i>Hepatology</i> , 2022 ,	11.2	4
27	Genetic analysis of Iranian family with hereditary cardiac arrhythmias by next generation sequencing. <i>Advanced Biomedical Research</i> , 2016 , 5, 55	1.2	4
26	Genetic Studies of Hypertrophic Cardiomyopathy in Singaporeans Identify Variants in and That Are Common in Chinese Patients. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, 424-434	5.2	4
25	Singapore Undiagnosed Disease Program: Genomic Analysis aids Diagnosis and Clinical Management. <i>Archives of Disease in Childhood</i> , 2021 , 106, 31-37	2.2	4

24	Dissecting Chromatin Architecture for Novel Cardiovascular Disease Targets. <i>Circulation</i> , 2019 , 140, 446-448	16.7	3
23	The Association of Plant-Based Diet With Cardiovascular Disease and Mortality: A Meta-Analysis and Systematic Review of Prospect Cohort Studies. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 756810	5.4	3
22	Genetic Admixture in the Culturally Unique Peranakan Chinese Population in Southeast Asia. <i>Molecular Biology and Evolution</i> , 2021 , 38, 4463-4474	8.3	3
21	Ethics and regulatory considerations for the clinical translation of somatic cell human epigenetic editing. <i>Stem Cell Reports</i> , 2021 , 16, 1652-1655	8	3
20	Cardiovascular molecular mechanisms of disease with COVID-19. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 141, 107	5.8	3
19	International Reporting Mechanism for Unethical Germline Gene Editing Experiments Is Needed. <i>Trends in Biotechnology</i> , 2021 , 39, 427-430	15.1	3
18	Can glucose-lowering medications improve outcomes in non-diabetic heart failure patients? A Bayesian network meta-analysis.. <i>ESC Heart Failure</i> , 2022 ,	3.7	2
17	Genetic analysis of cardiac SCN5A Gene in Iranian patients with hereditary cardiac arrhythmias. <i>Anatolian Journal of Cardiology</i> , 2016 , 16, 170-4	0.8	2
16	Effects of extended pharmacological disruption of zebrafish embryonic heart biomechanical environment on cardiac function, morphology, and gene expression. <i>Developmental Dynamics</i> , 2021 , 250, 1759-1777	2.9	2
15	Aortic and pulmonary artery dilatation in Cantu syndrome: expanding the phenotype. <i>Clinical Dysmorphology</i> , 2019 , 28, 167-169	0.9	2
14	Integrative epigenomic and transcriptomic analyses reveal metabolic switching by intermittent fasting in brain.. <i>GeroScience</i> , 2022 , 1	8.9	2
13	Experience of Asian males communicating cardiac genetic risk within the family. <i>Journal of Community Genetics</i> , 2018 , 9, 293-303	2.5	1
12	The human variome: genomic and epigenomic diversity. <i>EMBO Molecular Medicine</i> , 2011 , 3, 573-4	12	1
11	Effects of acute SARS-CoV-2 infection on male hormone profile, and expression and potential for transmission of SARS-CoV-2 in semen of Asian men. <i>F&S Science</i> , 2021 ,	0.4	1
10	Using "old" medications to fight new COVID-19: Re-purposing with a purpose. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 146, 41-42	5.8	1
9	Assigning Distal Genomic Enhancers to Cardiac Disease-Causing Genes. <i>Circulation</i> , 2020 , 142, 910-912	16.7	1
8	Integrative Epigenomic and High-Throughput Functional Enhancer Profiling Reveals Determinants of Enhancer Heterogeneity in Gastric Cancer		1
7	Dimethyl sulfoxide (DMSO) enhances direct cardiac reprogramming by inhibiting the bromodomain of coactivators CBP/p300. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 160, 15-26	5.8	1

6	Prognostic Outcomes in Acute Myocardial Infarction Patients Without Standard Modifiable Risk Factors: A Multiethnic Study of 8,680 Asian Patients.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 869168	5.4	1
5	Germline genome modification through novel political, ethical, and social lenses. <i>PLoS Genetics</i> , 2021 , 17, e1009741	6	0
4	8-Oxoguanine DNA Glycosylase (OGG1) Deficiency Exacerbates Doxorubicin-Induced Cardiac Dysfunction.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 9180267	6.7	0
3	Causative Variants for Inherited Cardiac Conditions in a Southeast Asian Population Cohort.. <i>Circulation Genomic and Precision Medicine</i> , 2022 , CIRCGEN121003536	5.2	
2	Modified CRISPR/Cas9 mediated generation of two MKK7 knockout human embryonic stem cell lines. <i>Stem Cell Research</i> , 2021 , 52, 102238	1.6	
1	Design Variation, Implantation, and Outcome of Transcatheter Mitral Valve Prosthesis: A Comprehensive Review.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 782278	5.4	