Sean Lal

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5191868/publications.pdf

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36 papers	1,281 citations	471509 17 h-index	377865 34 g-index
38 all docs	38 docs citations	38 times ranked	2655 citing authors

#	Article	IF	Citations
1	Tricuspid regurgitation is associated with increased mortality independent of pulmonary pressures and right heart failure: a systematic review and meta-analysis. European Heart Journal, 2019, 40, 476-484.	2.2	212
2	Whole Genome Sequencing Improves Outcomes of Genetic Testing in Patients With Hypertrophic Cardiomyopathy. Journal of the American College of Cardiology, 2018, 72, 419-429.	2.8	138
3	Intensive LDL cholesterol-lowering treatment beyond current recommendations for the prevention of major vascular events: a systematic review and meta-analysis of randomised trials including 327â€˜037 participants. Lancet Diabetes and Endocrinology,the, 2020, 8, 36-49.	11.4	115
4	Ablation of cardiac myosin binding protein-C disrupts the super-relaxed state of myosin in murine cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2016, 94, 65-71.	1.9	113
5	MYBPC3 mutations are associated with a reduced super-relaxed state in patients with hypertrophic cardiomyopathy. PLoS ONE, 2017, 12, e0180064.	2.5	106
6	Distinct hypertrophic cardiomyopathy genotypes result in convergent sarcomeric proteoform profiles revealed by top-down proteomics. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24691-24700.	7.1	67
7	Increased collagen within the transverse tubules in human heart failure. Cardiovascular Research, 2017, 113, 879-891.	3.8	54
8	Genome-Wide Identification of Expression Quantitative Trait Loci (eQTLs) in Human Heart. PLoS ONE, 2014, 9, e97380.	2.5	44
9	Sex-Specific Control of Human Heart Maturation by the Progesterone Receptor. Circulation, 2021, 143, 1614-1628.	1.6	42
10	Abnormal contractility in human heart myofibrils from patients with dilated cardiomyopathy due to mutations in TTN and contractile protein genes. Scientific Reports, 2017, 7, 14829.	3.3	40
11	Core functional nodes and sex-specific pathways in human ischaemic and dilated cardiomyopathy. Nature Communications, 2020, 11, 2843.	12.8	39
12	Dose-Dependent Effects of the Myosin Activator Omecamtiv Mecarbil on Cross-Bridge Behavior and Force Generation in Failing Human Myocardium. Circulation: Heart Failure, 2017, 10, .	3.9	38
13	Best practice BioBanking of human heart tissue. Biophysical Reviews, 2015, 7, 399-406.	3.2	29
14	Collaborative Regulation of LRG1 by TGF-Î²1 and PPAR-Î²/Î´ Modulates Chronic Pressure Overloadâ€“Induced Cardiac Fibrosis. Circulation: Heart Failure, 2019, 12, e005962.	3.9	29
15	Pathogenesis and pathophysiology of heart failure with reduced ejection fraction: translation to human studies. Heart Failure Reviews, 2019, 24, 743-758.	3.9	24
16	Heart failure admissions and poor subsequent outcomes in adults with congenital heart disease. European Journal of Heart Failure, 2018, 20, 812-815.	7.1	23
17	Transcriptome Sequencing of Patients With Hypertrophic Cardiomyopathy Reveals Novel Splice-Altering Variants in MYBPC3. Circulation Genomic and Precision Medicine, 2021, 14, e003202.	3.6	18
18	COVID-19 and Acute Heart Failure: Screening the Critically Ill â€“ A Position Statement of the Cardiac Society of Australia and New Zealand (CSANZ). Heart Lung and Circulation, 2020, 29, e94-e98.	0.4	17

#	Article	IF	Citations
19	Titin-truncating mutations associated with dilated cardiomyopathy alter length-dependent activation and its modulation via phosphorylation. Cardiovascular Research, 2022, 118, 241-253.	3.8	16
20	Using Antibody Arrays to Detect Microparticles from Acute Coronary Syndrome Patients Based on Cluster of Differentiation (CD) Antigen Expression. Molecular and Cellular Proteomics, 2009, 8, 799-804.	3.8	14
21	Limitations in Translating Animal Studies to Humans in Cardiovascular Disease. Journal of Cardiovascular Translational Research, 2016, 9, 165-166.	2.4	13
22	Mechanisms of impaired mitochondrial homeostasis and NAD+ metabolism in a model of mitochondrial heart disease exhibiting redox active iron accumulation. Redox Biology, 2021, 46, 102038.	9.0	12
23	Nanoscale Organisation of Ryanodine Receptors and Junctophilin-2 in the Failing Human Heart. Frontiers in Physiology, 2021, 12, 724372.	2.8	12
24	SPontaneous Oscillatory Contraction (SPOC): auto-oscillations observed in striated muscle at partial activation. Biophysical Reviews, 2011, 3, 53-62.	3.2	10
25	Tissue microarray profiling in human heart failure. Proteomics, 2016, 16, 2319-2326.	2.2	9
26	Molecular imaging of atrial myopathy: Towards early AF detection and non-invasive disease management. Trends in Cardiovascular Medicine, 2022, 32, 20-31.	4.9	9
27	Collagenâ€Targeted Peptides for Molecular Imaging of Diffuse Cardiac Fibrosis. Journal of the American Heart Association, 2021, 10, e022139.	3.7	8
28	Reninâ€“angiotensinâ€“aldosterone inhibition improves right ventricular function: a meta-analysis. Heart Asia, 2018, 10, e010999.	1.1	7
29	Myocardial substrate changes in advanced ischaemic and advanced dilated human heart failure. European Journal of Heart Failure, 2019, 21, 1042-1045.	7.1	6
30	Models of cardiovascular surgery biobanking to facilitate translational research and precision medicine. ESC Heart Failure, 2022, 9, 21-30.	3.1	5
31	Prevalence of Anderson-Fabry disease in a cohort with unexplained late gadolinium enhancement on cardiac MRI. International Journal of Cardiology, 2020, 304, 122-124.	1.7	4
32	Improvements in left ventricular ejection fraction and quality of life in patients with heart failure who undergo coronary artery bypass surgery. International Journal of Cardiology, 2016, 222, 671-673.	1.7	2
33	Regenerating Hearts by Arresting Development With Hypothyroidism. Circulation Research, 2019, 124, 1725-1726.	4.5	1
34	<scp>COVID</scp>â€19: getting to the heart of the matter. European Journal of Heart Failure, 2020, 22, 2216-2218.	7.1	1
35	Cholesterol lowering: to live longer, start younger?. Aging, 2020, 12, 3119-3120.	3.1	0
36	Relationship of Myocardial Gadolinium Enhancement to Late Clinical Outcomes: Implications for the COVID-19 era. Heart Lung and Circulation, 2021, , .	0.4	0