

Sean Lal

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	Models of cardiovascular surgery biobanking to facilitate translational research and precision medicine. ESC Heart Failure, 2022, 9, 21-30.	3.1	5
4	Transcriptome Sequencing of Patients With Hypertrophic Cardiomyopathy Reveals Novel Splice-Altering Variants in <i>MYBPC3</i> . Circulation Genomic and Precision Medicine, 2021, 14, e003202.	3.6	18
5	Sex-Specific Control of Human Heart Maturation by the Progesterone Receptor. Circulation, 2021, 143, 1614-1628.	1.6	42
6	Collagen-Targeted Peptides for Molecular Imaging of Diffuse Cardiac Fibrosis. Journal of the American Heart Association, 2021, 10, e022139.	3.7	8
7	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
8	Nanoscale Organisation of Ryanodine Receptors and Junctophilin-2 in the Failing Human Heart. Frontiers in Physiology, 2021, 12, 724372.	2.8	12
9	Relationship of Myocardial Gadolinium Enhancement to Late Clinical Outcomes: Implications for the COVID-19 era. Heart Lung and Circulation, 2021, , .	0.4	0
10	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
11	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 327 037 participants. Lancet Diabetes and Endocrinology, the, 2020, 8, 36-49.	11.4	115
12	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
13	COVID-19: getting to the heart of the matter. European Journal of Heart Failure, 2020, 22, 2216-2218.	7.1	1
14	COVID-19 and Acute Heart Failure: Screening the Critically Ill – A Position Statement of the Cardiac Society of Australia and New Zealand (CSANZ). Heart Lung and Circulation, 2020, 29, e94-e98.	0.4	17
15	Core functional nodes and sex-specific pathways in human ischaemic and dilated cardiomyopathy. Nature Communications, 2020, 11, 2843.	12.8	39
16	Cholesterol lowering: to live longer, start younger?. Aging, 2020, 12, 3119-3120.	3.1	0
17	Pathogenesis and pathophysiology of heart failure with reduced ejection fraction: translation to human studies. Heart Failure Reviews, 2019, 24, 743-758.	3.9	24
18	Regenerating Hearts by Arresting Development With Hypothyroidism. Circulation Research, 2019, 124, 1725-1726.	4.5	1

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19	Myocardial substrate changes in advanced ischaemic and advanced dilated human heart failure. <i>European Journal of Heart Failure</i> , 2019, 21, 1042-1045.	7.1	6
20	Collaborative Regulation of LRG1 by TGF- β 1 and PPAR- β / γ Modulates Chronic Pressure Overload-Induced Cardiac Fibrosis. <i>Circulation: Heart Failure</i> , 2019, 12, e005962.	3.9	29
21	Tricuspid regurgitation is associated with increased mortality independent of pulmonary pressures and right heart failure: a systematic review and meta-analysis. <i>European Heart Journal</i> , 2019, 40, 476-484.	2.2	212
22	Heart failure admissions and poor subsequent outcomes in adults with congenital heart disease. <i>European Journal of Heart Failure</i> , 2018, 20, 812-815.	7.1	23
23	Whole Genome Sequencing Improves Outcomes of Genetic Testing in Patients With Hypertrophic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2018, 72, 419-429.	2.8	138
24	Renin-angiotensin-aldosterone inhibition improves right ventricular function: a meta-analysis. <i>Heart Asia</i> , 2018, 10, e010999.	1.1	7
25	Dose-Dependent Effects of the Myosin Activator Omecamtiv Mecarbil on Cross-Bridge Behavior and Force Generation in Failing Human Myocardium. <i>Circulation: Heart Failure</i> , 2017, 10, .	3.9	38
26	Abnormal contractility in human heart myofibrils from patients with dilated cardiomyopathy due to mutations in TTN and contractile protein genes. <i>Scientific Reports</i> , 2017, 7, 14829.	3.3	40
27	Increased collagen within the transverse tubules in human heart failure. <i>Cardiovascular Research</i> , 2017, 113, 879-891.	3.8	54
28	MYBPC3 mutations are associated with a reduced super-relaxed state in patients with hypertrophic cardiomyopathy. <i>PLoS ONE</i> , 2017, 12, e0180064.	2.5	106
29	Limitations in Translating Animal Studies to Humans in Cardiovascular Disease. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 165-166.	2.4	13
30	Tissue microarray profiling in human heart failure. <i>Proteomics</i> , 2016, 16, 2319-2326.	2.2	9
31	Improvements in left ventricular ejection fraction and quality of life in patients with heart failure who undergo coronary artery bypass surgery. <i>International Journal of Cardiology</i> , 2016, 222, 671-673.	1.7	2
32	Ablation of cardiac myosin binding protein-C disrupts the super-relaxed state of myosin in murine cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 94, 65-71.	1.9	113
33	Best practice BioBanking of human heart tissue. <i>Biophysical Reviews</i> , 2015, 7, 399-406.	3.2	29
34	Genome-Wide Identification of Expression Quantitative Trait Loci (eQTLs) in Human Heart. <i>PLoS ONE</i> , 2014, 9, e97380.	2.5	44
35	SPontaneous Oscillatory Contraction (SPOC): auto-oscillations observed in striated muscle at partial activation. <i>Biophysical Reviews</i> , 2011, 3, 53-62.	3.2	10
36	Using Antibody Arrays to Detect Microparticles from Acute Coronary Syndrome Patients Based on Cluster of Differentiation (CD) Antigen Expression. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 799-804.	3.8	14