

Stefan Frantz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2538914/publications.pdf>

Version: 2024-02-01

42
papers

5,282
citations

361413

20
h-index

276875

41
g-index

46
all docs

46
docs citations

46
times ranked

8717
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-21 contributes to myocardial disease by stimulating MAP kinase signalling in fibroblasts. <i>Nature</i> , 2008, 456, 980-984.	27.8	2,111
2	Foxp3 ⁺ CD4 ⁺ T Cells Improve Healing After Myocardial Infarction by Modulating Monocyte/Macrophage Differentiation. <i>Circulation Research</i> , 2014, 115, 55-67.	4.5	526
3	Activation of CD4 ⁺ T Lymphocytes Improves Wound Healing and Survival After Experimental Myocardial Infarction in Mice. <i>Circulation</i> , 2012, 125, 1652-1663.	1.6	393
4	Guidelines for experimental models of myocardial ischemia and infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H812-H838.	3.2	372
5	Role of Lymphocytes in Myocardial Injury, Healing, and Remodeling After Myocardial Infarction. <i>Circulation Research</i> , 2015, 116, 354-367.	4.5	212
6	Mode of Action and Effects of Standardized Collaborative Disease Management on Mortality and Morbidity in Patients With Systolic Heart Failure. <i>Circulation: Heart Failure</i> , 2012, 5, 25-35.	3.9	209
7	Monocytes/macrophages prevent healing defects and left ventricular thrombus formation after myocardial infarction. <i>FASEB Journal</i> , 2013, 27, 871-881.	0.5	160
8	Left ventricular remodelling post-myocardial infarction: pathophysiology, imaging, and novel therapies. <i>European Heart Journal</i> , 2022, 43, 2549-2561.	2.2	136
9	Determination of collagen content within picrosirius red stained paraffin-embedded tissue sections using fluorescence microscopy. <i>MethodsX</i> , 2015, 2, 124-134.	1.6	131
10	Myocardial aging as a T-cell-mediated phenomenon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2420-E2429.	7.1	129
11	The innate immune system in chronic cardiomyopathy: a European Society of Cardiology (ESC) scientific statement from the Working Group on Myocardial Function of the ESC. <i>European Journal of Heart Failure</i> , 2018, 20, 445-459.	7.1	118
12	Relation of Burden of Myocardial Fibrosis to Malignant Ventricular Arrhythmias and Outcomes in Fabry Disease. <i>American Journal of Cardiology</i> , 2014, 114, 895-900.	1.6	112
13	Myocardial infarction triggers cardioprotective antigen-specific T helper cell responses. <i>Journal of Clinical Investigation</i> , 2019, 129, 4922-4936.	8.2	109
14	Interleukin-13 Deficiency Aggravates Healing and Remodeling in Male Mice After Experimental Myocardial Infarction. <i>Circulation: Heart Failure</i> , 2014, 7, 822-830.	3.9	74
15	Socioeconomic inequalities in access to treatment for coronary heart disease: A systematic review. <i>International Journal of Cardiology</i> , 2016, 219, 70-78.	1.7	66
16	Imaging Systemic Inflammatory Networks in Ischemic Heart Disease. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1583-1591.	2.8	64
17	Endothelial Actions of ANP Enhance Myocardial Inflammatory Infiltration in the Early Phase After Acute Infarction. <i>Circulation Research</i> , 2016, 119, 237-248.	4.5	53
18	Atrial Natriuretic Peptide Locally Counteracts the Deleterious Effects of Cardiomyocyte Mineralocorticoid Receptor Activation. <i>Circulation: Heart Failure</i> , 2014, 7, 814-821.	3.9	42

#	ARTICLE	IF	CITATIONS
19	Myocardial Fibrosis Predicts 10-Year Survival in Patients Undergoing Aortic Valve Replacement. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007131.	2.6	33
20	The healing myocardium mobilizes a distinct B-cell subset through a CXCL13-CXCR5-dependent mechanism. <i>Cardiovascular Research</i> , 2021, 117, 2664-2676.	3.8	30
21	Antibodies aggravate the development of ischemic heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1358-H1367.	3.2	23
22	Bioinformatics of cardiovascular miRNA biology. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 89, 3-10.	1.9	20
23	Adult T-cells impair neonatal cardiac regeneration. <i>European Heart Journal</i> , 2022, 43, 2698-2709.	2.2	19
24	Heart failure in cancer: role of checkpoint inhibitors. <i>Journal of Thoracic Disease</i> , 2018, 10, S4323-S4334.	1.4	15
25	Lymphocytes at the Heart of Wound Healing. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1003, 225-250.	1.6	13
26	Trajectories of Left Ventricular Ejection Fraction After Acute Decompensation for Systolic Heart Failure: Concomitant Echocardiographic and Systemic Changes, Predictors, and Impact on Clinical Outcomes. <i>Journal of the American Heart Association</i> , 2021, 10, e017822.	3.7	13
27	Impact of diastolic dysfunction on outcome in heart failure patients with mid-range or reduced ejection fraction. <i>ESC Heart Failure</i> , 2021, 8, 2802-2815.	3.1	11
28	Impact of the new definition of pulmonary hypertension according to world symposium of pulmonary hypertension 2018 on diagnosis of post-capillary pulmonary hypertension. <i>International Journal of Cardiology</i> , 2021, 335, 105-110.	1.7	10
29	Exogenous Administration of a Recombinant Variant of TWEAK Impairs Healing after Myocardial Infarction by Aggravation of Inflammation. <i>PLoS ONE</i> , 2013, 8, e78938.	2.5	10
30	Direct inhibition, but indirect sensitization of pacemaker activity to sympathetic tone by the interaction of endotoxin with HCN channels. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 874-880.	1.9	8
31	Sex-specific bimodal clustering of left ventricular ejection fraction in patients with acute heart failure. <i>ESC Heart Failure</i> , 2022, 9, 786-790.	3.1	8
32	Danger Signals in Cardiovascular Disease. <i>Mediators of Inflammation</i> , 2014, 2014, 1-2.	3.0	7
33	Socioeconomic differences in the pathways to diagnosis of coronary heart disease: a qualitative study. <i>European Journal of Public Health</i> , 2017, 27, 1055-1060.	0.3	7
34	Mean Heart Rate and Parameters of Heart Rate Variability in Depressive Children and the Effects of Antidepressant Medication. <i>Zeitschrift Für Kinder- Und Jugendpsychiatrie Und Psychotherapie</i> , 2019, 47, 253-260.	0.7	7
35	Longitudinal association of short-term, metronome-paced heart rate variability and echocardiographically assessed cardiac structure at a 4-year follow-up: results from the prospective, population-based CARLA cohort. <i>Europace</i> , 2017, 19, 2027-2035.	1.7	5
36	Coping with sterile inflammation: between risk and necessity. <i>Cardiovascular Research</i> , 2021, 117, e84-e87.	3.8	5

#	ARTICLE	IF	CITATIONS
37	Dynamics of Left Ventricular Myocardial Work in Patients Hospitalized for Acute Heart Failure. <i>Journal of Cardiac Failure</i> , 2021, 27, 1393-1403.	1.7	4
38	Myocardial Metabolism Under Control of a Cytokine Receptor. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	3
39	When Sensing Goes Wrong. <i>JACC Basic To Translational Science</i> , 2021, 6, 647-649.	4.1	3
40	Wire- and needle potentials facilitating transseptal puncture. <i>Journal of Electrocardiology</i> , 2017, 50, 358-367.	0.9	2
41	Immune repertoires in the failing heart: the global picture. <i>European Heart Journal</i> , 2019, 40, 3934-3936.	2.2	1
42	Effects of acute ischemia and hypoxia in young and adult calsequestrin (CSQ2) knock-out and wild-type mice. <i>Molecular and Cellular Biochemistry</i> , 2022, , 1.	3.1	1