

Karl Toischer

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,450
citations

516215

16
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

2529
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Different activation of MAPKs and Akt/GSK3^{β} after preload vs. afterload elevation. <i>ESC Heart Failure</i> , 2022, 9, 1823-1831. | 1.4 | 2 |
| 2 | Epigenetic gene expression links heart failure to memory impairment. <i>EMBO Molecular Medicine</i> , 2021, 13, e11900. | 3.3 | 15 |
| 3 | Detrimental proarrhythmic interaction of Ca^{2+} /calmodulin-dependent protein kinase II and NaV1.8 in heart failure. <i>Nature Communications</i> , 2021, 12, 6586. | 5.8 | 13 |
| 4 | Real-time cardiovascular magnetic resonance T1 and extracellular volume fraction mapping for tissue characterisation in aortic stenosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 46. | 1.6 | 18 |
| 5 | CRISPLD1: a novel conserved target in the transition to human heart failure. <i>Basic Research in Cardiology</i> , 2020, 115, 27. | 2.5 | 13 |
| 6 | Genetic deletion of calcium/calmodulin-dependent protein kinase type II delta does not mitigate adverse myocardial remodeling in volume-overloaded hearts. <i>Scientific Reports</i> , 2019, 9, 9889. | 1.6 | 4 |
| 7 | Cell Cycle-Mediated Cardiac Regeneration in the Mouse Heart. <i>Current Cardiology Reports</i> , 2019, 21, 131. | 1.3 | 10 |
| 8 | Proteasome-Dependent Regulation of Distinct Metabolic States During Long-Term Culture of Human iPSC-Derived Cardiomyocytes. <i>Circulation Research</i> , 2019, 125, 90-103. | 2.0 | 52 |
| 9 | Echocardiographic evaluation of diastolic function in mouse models of heart disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 114, 20-28. | 0.9 | 100 |
| 10 | Sarcoplasmic reticulum calcium leak contributes to arrhythmia but not to heart failure progression. <i>Science Translational Medicine</i> , 2018, 10, . | 5.8 | 30 |
| 11 | The contractile adaption to preload depends on the amount of afterload. <i>ESC Heart Failure</i> , 2017, 4, 468-478. | 1.4 | 12 |
| 12 | Cardiomyocyte proliferation prevents failure in pressure overload but not volume overload. <i>Journal of Clinical Investigation</i> , 2017, 127, 4285-4296. | 3.9 | 31 |
| 13 | Proteomic analysis of short-term preload-induced eccentric cardiac hypertrophy. <i>Journal of Translational Medicine</i> , 2016, 14, 149. | 1.8 | 11 |
| 14 | Cardiac-specific succinate dehydrogenase deficiency in Barth syndrome. <i>EMBO Molecular Medicine</i> , 2016, 8, 139-154. | 3.3 | 69 |
| 15 | Molecular and structural transition mechanisms in long-term volume overload. <i>European Journal of Heart Failure</i> , 2016, 18, 362-371. | 2.9 | 53 |
| 16 | Iron-regulatory proteins secure iron availability in cardiomyocytes to prevent heart failure. <i>European Heart Journal</i> , 2016, 38, ehw333. | 1.0 | 115 |
| 17 | Ca^{2+} /Calmodulin-Dependent Protein Kinase II and Protein Kinase A Differentially Regulate Sarcoplasmic Reticulum Ca^{2+} Leak in Human Cardiac Pathology. <i>Circulation</i> , 2013, 128, 970-981. | 1.6 | 135 |
| 18 | Role of late sodium current as a potential arrhythmogenic mechanism in the progression of pressure-induced heart disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 61, 111-122. | 0.9 | 89 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Regulation of cyclic adenosine monophosphate release by selective β_2 -adrenergic receptor stimulation in human terminal failing myocardium before and after ventricular assist device support. Journal of Heart and Lung Transplantation, 2012, 31, 1127-1135. | 0.3 | 2 |
| 20 | Mechanical load-dependent cardiac ER stress in vitro and in vivo: Effects of preload and afterload. FEBS Letters, 2012, 586, 1363-1369. | 1.3 | 4 |
| 21 | Response to Letter Regarding Article, "Differential Cardiac Remodeling in Preload Versus Afterload". Circulation, 2011, 123, . | 1.6 | 0 |
| 22 | K201 improves aspects of the contractile performance of human failing myocardium via reduction in Ca^{2+} leak from the sarcoplasmic reticulum. Basic Research in Cardiology, 2010, 105, 279-287. | 2.5 | 44 |
| 23 | BNP controls early load-dependent regulation of SERCA through calcineurin. Basic Research in Cardiology, 2010, 105, 795-804. | 2.5 | 10 |
| 24 | Altered Na^+ Currents in Atrial Fibrillation. Journal of the American College of Cardiology, 2010, 55, 2330-2342. | 1.2 | 249 |
| 25 | Differential Cardiac Remodeling in Preload Versus Afterload. Circulation, 2010, 122, 993-1003. | 1.6 | 267 |
| 26 | Myocardial adaptation of energy metabolism to elevated preload depends on calcineurin activity. Basic Research in Cardiology, 2008, 103, 232-243. | 2.5 | 21 |
| 27 | Elevated Afterload, Neuroendocrine Stimulation, and Human Heart Failure Increase BNP Levels and Inhibit Preload-Dependent SERCA Upregulation. Circulation: Heart Failure, 2008, 1, 265-271. | 1.6 | 24 |
| 28 | Relevance of Brain Natriuretic Peptide in Preload-Dependent Regulation of Cardiac Sarcoplasmic Reticulum Ca^{2+} ATPase Expression. Circulation, 2006, 113, 2724-2732. | 1.6 | 57 |