

# Thomas E Sharp Iii

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

926  
citations

567281

15  
h-index

501196

28  
g-index

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all docs

29  
docs citations

29  
times ranked

1896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone-Derived Stem Cells Repair the Heart After Myocardial Infarction Through Transdifferentiation and Paracrine Signaling Mechanisms. <i>Circulation Research</i> , 2013, 113, 539-552.	4.5	156
2	Renal Denervation Prevents Heart Failure Progression Via Inhibition of the Renin-Angiotensin System. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2609-2621.	2.8	84
3	BAG3: a new player in the heart failure paradigm. <i>Heart Failure Reviews</i> , 2015, 20, 423-434.	3.9	79
4	Acute Catecholamine Exposure Causes Reversible Myocyte Injury Without Cardiac Regeneration. <i>Circulation Research</i> , 2016, 119, 865-879.	4.5	71
5	Sorafenib Cardiotoxicity Increases Mortality After Myocardial Infarction. <i>Circulation Research</i> , 2014, 114, 1700-1712.	4.5	69
6	Nonlethal Inhibition of Gut Microbial Trimethylamine N-oxide Production Improves Cardiac Function and Remodeling in a Murine Model of Heart Failure. <i>Journal of the American Heart Association</i> , 2020, 9, e016223.	3.7	61
7	Cortical Bone Stem Cell Therapy Preserves Cardiac Structure and Function After Myocardial Infarction. <i>Circulation Research</i> , 2017, 121, 1263-1278.	4.5	45
8	A Feline HFpEF Model with Pulmonary Hypertension and Compromised Pulmonary Function. <i>Scientific Reports</i> , 2017, 7, 16587.	3.3	34
9	Mitochondrial H <sub>2</sub> S Regulates BCAA Catabolism in Heart Failure. <i>Circulation Research</i> , 2022, 131, 222-235.	4.5	31
10	Unique Features of Cortical Bone Stem Cells Associated With Repair of the Injured Heart. <i>Circulation Research</i> , 2015, 117, 1024-1033.	4.5	29
11	Hydrogen Sulfide Attenuates Renin-Angiotensin and Aldosterone Pathological Signaling to Preserve Kidney Function and Improve Exercise Tolerance in Heart Failure. <i>JACC Basic To Translational Science</i> , 2018, 3, 796-809.	4.1	28
12	Renal Denervation to Treat Heart Failure. <i>Annual Review of Physiology</i> , 2021, 83, 39-58.	13.1	28
13	Endothelial Cell Cystathionine $\beta$ -Lyase Expression Level Modulates Exercise Capacity, Vascular Function, and Myocardial Ischemia Reperfusion Injury. <i>Journal of the American Heart Association</i> , 2020, 9, e017544.	3.7	27
14	Autologous c-Kit+ Mesenchymal Stem Cell Injections Provide Superior Therapeutic Benefit as Compared to c-Kit+ Cardiac-Derived Stem Cells in a Feline Model of Isoproterenol-Induced Cardiomyopathy. <i>Clinical and Translational Science</i> , 2015, 8, 425-431.	3.1	24
15	Novel Göttingen Miniswine Model of Heart Failure With Preserved Ejection Fraction Integrating Multiple Comorbidities. <i>JACC Basic To Translational Science</i> , 2021, 6, 154-170.	4.1	24
16	A novel fibroblast activation inhibitor attenuates left ventricular remodeling and preserves cardiac function in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H563-H570.	3.2	16
17	Cortical bone-derived stem cell therapy reduces apoptosis after myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H820-H829.	3.2	16
18	Efficacy of a Novel Mitochondrial-Derived Peptide in a Porcine Model of Myocardial Ischemia/Reperfusion Injury. <i>JACC Basic To Translational Science</i> , 2020, 5, 699-714.	4.1	15

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19	T-type Ca <sup>2+</sup> channels regulate the exit of cardiac myocytes from the cell cycle after birth. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 62, 122-130.	1.9	14
20	Nuquantus: Machine learning software for the characterization and quantification of cell nuclei in complex immunofluorescent tissue images. <i>Scientific Reports</i> , 2016, 6, 23431.	3.3	13
21	Remodeling of repolarization and arrhythmia susceptibility in a myosin-binding protein C knockout mouse model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H620-H630.	3.2	12
22	Stem Cell Therapy and Breast Cancer Treatment: Review of Stem Cell Research and Potential Therapeutic Impact Against Cardiotoxicities Due to Breast Cancer Treatment. <i>Frontiers in Oncology</i> , 2014, 4, 299.	2.8	10
23	Acute right heart failure after hemorrhagic shock and trauma pneumonectomy—a management approach. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 243-251.	2.1	10
24	Protein Kinase C Inhibition With Ruboxistaurin Increases Contractility and Reduces Heart Size in a Swine Model of Heart Failure With Reduced Ejection Fraction. <i>JACC Basic To Translational Science</i> , 2017, 2, 669-683.	4.1	8
25	Cardiometabolic Heart Failure and HFpEF. <i>JACC Basic To Translational Science</i> , 2019, 4, 422-424.	4.1	8
26	Repeated cell transplantation and adjunct renal denervation in ischemic heart failure: exploring modalities for improving cell therapy efficacy. <i>Basic Research in Cardiology</i> , 2019, 114, 9.	5.9	8
27	Angiotensin Receptor-Nephrilysin Inhibitors Emerge as Potential Treatment for Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2357-2359.	2.8	4
28	Combination Cell Therapy for Ischemic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2516-2518.	2.8	2
29	Abstract 53: Characterization of a Feline HFpEF Model Induced by Slow Progressive Pressure Overload. <i>Circulation Research</i> , 2016, 119, .	4.5	0