

# Frank W Sellke

## List of Publications by Year in descending order

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Version: 2024-02-01

261  
papers

9,292  
citations

76326

40  
h-index

49909

87  
g-index

264  
all docs

264  
docs citations

264  
times ranked

10673  
citing authors

#	ARTICLE	IF	CITATIONS
1	Medical malpractice litigations involving aortic dissection. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, 600-608.	0.8	11
2	Calpain inhibition decreases myocardial fibrosis in chronically ischemic hypercholesterolemic swine. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, e11-e27.	0.8	10
3	An Analysis of Medical Malpractice Litigations in Coronary Artery Bypass Grafting from 1994-2019. Annals of Thoracic Surgery, 2022, 113, 600-607.	1.3	7
4	Inhibition of mitochondrial reactive oxygen species improves coronary endothelial function after cardioplegic hypoxia/reoxygenation. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, e207-e226.	0.8	15
5	Medical malpractice in aortic valve and mitral valve replacement surgery in North America. Journal of Cardiovascular Surgery, 2022, 63, .	0.6	0
6	Increased Access to Cardiac Surgery Did Not Improve Outcomes: Early Look Into Medicaid Expansion. Annals of Thoracic Surgery, 2022, 114, 1637-1644.	1.3	3
7	Extracellular vesicles improve diastolic function and substructure in normal and high-fat diet models of chronic myocardial ischemia. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, e371-e384.	0.8	10
8	Glycemic control is not associated with neurocognitive decline after cardiac surgery. Journal of Cardiac Surgery, 2022, 37, 138-147.	0.7	4
9	Rationale and design of the safe and timely antithrombotic removal - ticagrelor (STAR-T) trial: A prospective, multi-center, double-blind, randomized controlled trial evaluating reductions in postoperative bleeding with intraoperative removal of ticagrelor by the drugsorbâ„-ATR device in patients undergoing cardiothoracic surgery within 48 hours from last ticagrelor dose. American Heart Journal, 2022, 245, 19-28.	2.7	4
10	Outcomes of diabetic patients with end-stage heart failure listed for heart transplantation: A propensity-matched analysis. Clinical Transplantation, 2022, , e14590.	1.6	1
11	Macrophage IL-1 $\beta$ promotes arteriogenesis by autocrine STAT3- and NF- $\kappa$ B-mediated transcription of pro-angiogenic VEGF-A. Cell Reports, 2022, 38, 110309.	6.4	33
12	The Heart Team for Coronary Revascularization Decisions. JACC: Case Reports, 2022, 4, 115-120.	0.6	4
13	Metabolic regulation and dysregulation of endothelial small conductance calcium activated potassium channels. European Journal of Cell Biology, 2022, 101, 151208.	3.6	8
14	Pequi Fruit Extract Increases Antioxidant Enzymes and Reduces Oxidants in Human Coronary Artery Endothelial Cells. Antioxidants, 2022, 11, 474.	5.1	3
15	Mechanisms and clinical implications of endothelium-dependent vasomotor dysfunction in coronary microvasculature. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H819-H841.	3.2	25
16	Assessments of microvascular function in organ systems. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H891-H905.	3.2	6
17	Trends and Outcomes of Patients With Amyloid Cardiomyopathy Listed for Heart Transplantation. Canadian Journal of Cardiology, 2022, 38, 1263-1270.	1.7	2
18	Differences in Cellular Metabolism and Metabolic Regulation between Non-diabetic and Diabetic Human Coronary Artery Endothelial Cells. FASEB Journal, 2022, 36, .	0.5	0

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19	Antithrombotic drug removal from whole blood using Haemoadsorption with a porous polymer bead sorbent. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2022, 8, 847-856.	3.0	8
20	Anticoagulation and amiodarone for new atrial fibrillation after coronary artery bypass grafting: Prescription patterns and 30-day outcomes in the United States and Canada. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 616-624.e3.	0.8	22
21	A review of medical malpractice cases in congenital cardiac surgery in the Westlaw database in the United States from 1994 to 2019. <i>Journal of Cardiac Surgery</i> , 2021, 36, 134-142.	0.7	12
22	Intermediate and Late Outcomes With PCI vs CABG for Left Main Disease " Landmark Meta-Analysis of Randomized Trials. <i>Cardiovascular Revascularization Medicine</i> , 2021, 23, 114-118.	0.8	5
23	Commentary: Hyperglycemia during myocardial infarction: Can sound waves improve outcomes?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e307-e308.	0.8	0
24	Commentary: Ionic heterogeneity in vessel grafts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e411-e412.	0.8	0
25	Secondary prevention after coronary artery bypass grafting: Anticoagulation and antiplatelet therapy is only one factor. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1100-1102.	0.7	2
26	Reply: Medicolegal research: A key to the locked door of "patient expectations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.8	0
27	Myocardial Contractile Reserve and Mortality in Patients With Severe Aortic Stenosis With Impaired Left Ventricular Function Who Underwent Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2021, 141, 150-152.	1.6	1
28	Effects of High Fat Versus Normal Diet on Extracellular Vesicle "Induced Angiogenesis in a Swine Model of Chronic Myocardial Ischemia. <i>Journal of the American Heart Association</i> , 2021, 10, e017437.	3.7	17
29	Post "Cardiac Surgery Atrial Fibrillation. <i>Cardiac Electrophysiology Clinics</i> , 2021, 13, 133-140.	1.7	4
30	Clinical Application of Novel Therapies for Coronary Angiogenesis: Overview, Challenges, and Prospects. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3722.	4.1	18
31	Medical malpractice in heart transplantation from 1994 to 2019. <i>Journal of Cardiac Surgery</i> , 2021, 36, 2786-2790.	0.7	2
32	Mesenchymal stem cell-derived extracellular vesicles in the failing heart: past, present, and future. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1999-H2010.	3.2	18
33	Cardiac surgeons' concerns, perceptions, and responses during the COVID "19 pandemic. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3040-3051.	0.7	3
34	<i>Lactobacillus plantarum</i> probiotic induces Nrf2-mediated antioxidant signaling and eNOS expression resulting in improvement of myocardial diastolic function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H839-H849.	3.2	22
35	Coronary Artery Bypass Grafting With the Internal Thoracic Artery. <i>JAMA Cardiology</i> , 2021, , .	6.1	1
36	Commentary: If it looks too good to be true, it probably is. <i>JTCVS Techniques</i> , 2021, 9, 93-94.	0.4	0

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37	Changing Demographics, Temporal Trends in Waitlist, and Posttransplant Outcomes After Heart Transplantation in the United States: Analysis of the UNOS Database 1991â€“2019. <i>Circulation: Heart Failure</i> , 2021, 14, e008764.	3.9	8
38	The cardiac molecular setting of metabolic syndrome in pigs reveals disease susceptibility and suggests mechanisms that exacerbate COVID-19 outcomes in patients. <i>Scientific Reports</i> , 2021, 11, 19752.	3.3	1
39	The Impact of the American Association for Thoracic Surgery on National Institutes of Health Grant Funding for Cardiothoracic Surgeons. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.8	7
40	Chronic Inhibition of mROS Protects Against Coronary Endothelial Dysfunction in Mice With Diabetes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 643810.	3.7	5
41	COVID-19 Vaccine Boosters: The Good, the Bad, and the Ugly. <i>Vaccines</i> , 2021, 9, 1299.	4.4	58
42	The Challenge of Estimating Treatment Effects in Cardiac Surgery. <i>JAMA Cardiology</i> , 2021, 6, 1355.	6.1	3
43	Methylome of skeletal muscle tissue in patients with hypertension and diabetes undergoing cardiopulmonary bypass. <i>Epigenomics</i> , 2021, 13, 1853-1866.	2.1	1
44	Trends and outcomes of red blood cell transfusion in patients undergoing transcatheter aortic valve replacement in the United States. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 102-111.e11.	0.8	11
45	Skeletal muscle microvasculature response to $\beta^2$ -adrenergic stimuli is diminished with cardiac surgery. <i>Surgery</i> , 2020, 167, 493-498.	1.9	4
46	Cell-Type Transcriptome Atlas of Human Aortic Valves Reveal Cell Heterogeneity and Endothelial to Mesenchymal Transition Involved in Calcific Aortic Valve Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2910-2921.	2.4	93
47	Limitations of national database studies in cardiac surgery: Additional data required for individual risk stratification. <i>Journal of Cardiac Surgery</i> , 2020, 35, 2440-2440.	0.7	0
48	Lower preoperative hematocrit, longer hospital stay, and neurocognitive decline after cardiac surgery. <i>Surgery</i> , 2020, 168, 147-154.	1.9	8
49	The predictive role of circulating telomerase and vitamin D for long-term survival in patients undergoing coronary artery bypass grafting surgery (CABG). <i>PLoS ONE</i> , 2020, 15, e0237477.	2.5	4
50	Intravenous injection of extracellular vesicles to treat chronic myocardial ischemia. <i>PLoS ONE</i> , 2020, 15, e0238879.	2.5	12
51	The Relationship Between Reactive Oxygen Species and Endothelial Cell Metabolism. <i>Frontiers in Chemistry</i> , 2020, 8, 592688.	3.6	55
52	Effects of neuropeptide Y on the microvasculature of human skeletal muscle. <i>Surgery</i> , 2020, 168, 155-159.	1.9	6
53	Swine Disease Models for Optimal Vascular Engineering. <i>Annual Review of Biomedical Engineering</i> , 2020, 22, 25-49.	12.3	19
54	Coronary endothelial dysfunction prevented by small-conductance calcium-activated potassium channel activator in mice and patients with diabetes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, e263-e280.	0.8	10

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55	Metabolic regulation of endothelial SK channels and human coronary microvascular function. <i>International Journal of Cardiology</i> , 2020, 312, 1-9.	1.7	12
56	Metabolomics and the pig model reveal aberrant cardiac energy metabolism in metabolic syndrome. <i>Scientific Reports</i> , 2020, 10, 3483.	3.3	8
57	Seasonality of postoperative pneumonia after coronary artery bypass grafting: A national inpatient sample study. <i>Journal of Cardiac Surgery</i> , 2020, 35, 1258-1266.	0.7	3
58	Serum alpha-1 antitrypsin in acute ischemic stroke: A prospective pilot study. <i>Journal of Clinical Neuroscience</i> , 2020, 76, 20-24.	1.5	5
59	Cardiac involvement in COVID-19 patients: Risk factors, predictors, and complications: A review. <i>Journal of Cardiac Surgery</i> , 2020, 35, 1302-1305.	0.7	141
60	Transcatheter pulmonary valve replacement: an option for some but not for all. <i>Journal of Thoracic Disease</i> , 2020, 12, 6422-6425.	1.4	0
61	Title is missing!. , 2020, 15, e0237477.		0
62	Title is missing!. , 2020, 15, e0237477.		0
63	Title is missing!. , 2020, 15, e0237477.		0
64	Title is missing!. , 2020, 15, e0237477.		0
65	Attrition of the cardiothoracic surgeon-scientist: Definition of the problem and remedial strategies. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 504-508.	0.8	18
66	Utilization of Left Ventricular Assist Devices in Vulnerable Adults Across Medicaid Expansion. <i>Journal of Surgical Research</i> , 2019, 243, 503-508.	1.6	8
67	Transatlantic Editorial: Attrition of the Cardiothoracic Surgeon-Scientist: Definition of the Problem and Remedial Strategies. <i>Annals of Thoracic Surgery</i> , 2019, 108, 315-318.	1.3	6
68	Increased coronary arteriolar contraction to serotonin in juvenile pigs with metabolic syndrome. <i>Molecular and Cellular Biochemistry</i> , 2019, 461, 57-64.	3.1	7
69	Extracellular Vesicles Promote Arteriogenesis in Chronically Ischemic Myocardium in the Setting of Metabolic Syndrome. <i>Journal of the American Heart Association</i> , 2019, 8, e012617.	3.7	27
70	Transatlantic Editorial: Attrition of the cardiothoracic surgeon-scientist: definition of the problem and remedial strategies. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 56, 220-223.	1.4	1
71	Emphysema. <i>Stroke</i> , 2019, 50, 992-994.	2.0	2
72	Effect of an Incentive Spirometer Patient Reminder After Coronary Artery Bypass Grafting. <i>JAMA Surgery</i> , 2019, 154, 579.	4.3	13

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73	Robust effect of metabolic syndrome on major metabolic pathways in the myocardium. PLoS ONE, 2019, 14, e0225857.	2.5	9
74	Relationship of mildly increased albuminuria and coronary artery revascularization outcomes in patients with diabetes. Catheterization and Cardiovascular Interventions, 2019, 93, E217-E224.	1.7	7
75	Oxidant-Dependent and Oxidant-Independent Proangiogenic and Vasomotor Signaling in Coronary Vascular Endothelium. , 2019, , 23-61.		2
76	Do radiopaque markers make a difference after coronary artery bypass grafting?. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 1573.	0.8	5
77	Surprises happen all the time. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 2322-2323.	0.8	0
78	Perspectives on Incentive Spirometry Utility and Patient Protocols. Respiratory Care, 2018, 63, 519-531.	1.6	16
79	Incentive Spirometry Adherence: A National Survey of Provider Perspectives. Respiratory Care, 2018, 63, 532-537.	1.6	9
80	Cardiac stem cell trials and the new world of cellular reprogramming: Time to move on. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 1642-1646.	0.8	6
81	Predictors of patient radiation exposure during transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2018, 92, 768-774.	1.7	8
82	Decreased coronary arteriolar response to KCa channel opener after cardioplegic arrest in diabetic patients. Molecular and Cellular Biochemistry, 2018, 445, 187-194.	3.1	15
83	Glycogen synthase kinase 3 $\beta$ inhibition reduces mitochondrial oxidative stress in chronic myocardial ischemia. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 2492-2503.	0.8	20
84	Factors associated with postoperative atrial fibrillation and other adverse events after cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 242-251.e10.	0.8	34
85	When in doubt, look to see what works in nature. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 280.	0.8	0
86	Financial Impact of Incentive Spirometry. Inquiry (United States), 2018, 55, 004695801879499.	0.9	7
87	Enhanced coronary arteriolar contraction to vasopressin in patients with diabetes after cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 2098-2107.	0.8	15
88	Impact of Packed Red Blood Cell and Platelet Transfusions in Patients Undergoing Dissection Repair. Journal of Surgical Research, 2018, 232, 338-345.	1.6	9
89	Subcellular Reactive Oxygen Species (ROS) in Cardiovascular Pathophysiology. Antioxidants, 2018, 7, 14.	5.1	84
90	Impaired coronary contraction to phenylephrine after cardioplegic arrest in diabetic patients. Journal of Surgical Research, 2018, 230, 80-86.	1.6	5

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91	Decreased contractile response of peripheral arterioles to serotonin after CPB in patients with diabetes. <i>Surgery</i> , 2018, 164, 288-293.	1.9	6
92	Extracellular Vesicle Injection Improves Myocardial Function and Increases Angiogenesis in a Swine Model of Chronic Ischemia. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	51
93	Calpain inhibition decreases inflammatory protein expression in vessel walls in a model of chronic myocardial ischemia. <i>Surgery</i> , 2017, 161, 1394-1404.	1.9	8
94	Healthcare resource utilization in patients receiving idarucizumab for reversal of dabigatran anticoagulation due to major bleeding, urgent surgery, or procedural interventions: interim results from the RE-VERSE ADâ„¢ study. <i>Journal of Medical Economics</i> , 2017, 20, 435-442.	2.1	7
95	HS3ST1 genotype regulates antithrombin's inflammomodulatory tone and associates with atherosclerosis. <i>Matrix Biology</i> , 2017, 63, 69-90.	3.6	19
96	Mitochondrial redox plays a critical role in the paradoxical effects of NADPH oxidase-derived ROS on coronary endothelium. <i>Cardiovascular Research</i> , 2017, 113, 234-246.	3.8	50
97	Massive left atrial calcification: a case report and review of the literature. <i>General Thoracic and Cardiovascular Surgery</i> , 2017, 65, 653-656.	0.9	2
98	Diabetes Upregulation of Cyclooxygenase 2 Contributes to Altered Coronary Reactivity After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2017, 104, 568-576.	1.3	15
99	Effects of Alcohol on Postoperative Adhesion Formation in Ischemic Myocardium and Pericardium. <i>Annals of Thoracic Surgery</i> , 2017, 104, 545-552.	1.3	7
100	Management strategies and possible risk factors for ventricular septal defects after transcatheter aortic valve replacement: Case series from a single center and review of literature. <i>Cardiovascular Revascularization Medicine</i> , 2017, 18, 462-470.	0.8	7
101	Effects of diabetes and cardiopulmonary bypass on expression of adherens junction proteins in human peripheral tissue. <i>Surgery</i> , 2017, 161, 823-829.	1.9	8
102	Bilateral Versus Single Internal Mammary Artery Bypass Grafting. <i>Circulation</i> , 2017, 136, 1686-1687.	1.6	4
103	Novel molecular targets for coronary angiogenesis and ischemic heart disease. <i>Coronary Artery Disease</i> , 2017, 28, 605-613.	0.7	24
104	Cyclooxygenase 2 contributes to bradykinin-induced microvascular responses in peripheral arterioles after cardiopulmonary bypass. <i>Journal of Surgical Research</i> , 2017, 218, 246-252.	1.6	6
105	Alcohol attenuates myocardial ischemic injury. <i>Surgery</i> , 2017, 162, 680-687.	1.9	2
106	Mitochondrial Dysfunction in Atrial Tissue of Patients Developing Postoperative Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1547-1555.	1.3	33
107	Calpain inhibition modulates glycogen synthase kinase 3 <sup>β</sup> pathways in ischemic myocardium: A proteomic and mechanistic analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 342-357.	0.8	15
108	Role of Calpains (Calcium-Dependent Proteases) on Coronary Artery Disease and Metabolic Syndrome. , 2017, , 411-423.		0

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109	Diabetes and Cardioplegia. Journal of Nature and Science, 2017, 3, .	1.1	0
110	Continuous Glucose Monitoring in the Cardiac ICU: Current Use and Future Directions. Clinical Medicine Research, 2017, 6, 173-176.	0.1	3
111	Subcellular ROS Signaling in Cardiovascular Disease. , 2016, , .		1
112	Endothelial ROS and Impaired Myocardial Oxygen Consumption in Sepsis-induced Cardiac Dysfunction. Journal of Intensive and Critical Care, 2016, 02, .	0.2	29
113	Glycogen Synthase Kinase 3 $\beta$ Inhibition Improves Myocardial Angiogenesis and Perfusion in a Swine Model of Metabolic Syndrome. Journal of the American Heart Association, 2016, 5, .	3.7	20
114	Alcohol modulates autophagy and apoptosis in pig liver tissue. Journal of Surgical Research, 2016, 203, 154-162.	1.6	9
115	Finding the truth in the guidelines and gospels. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 1474-1475.	0.8	1
116	Why don't things happen the same way every time?. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 1492-1493.	0.8	0
117	Calpains and Coronary Vascular Disease. Circulation Journal, 2016, 80, 4-10.	1.6	25
118	Microvascular dysfunction in patients with diabetes after cardioplegic arrest and cardiopulmonary bypass. Current Opinion in Cardiology, 2016, 31, 618-624.	1.8	14
119	Calpain inhibition improves collateral-dependent perfusion in a hypercholesterolemic swine model of chronic myocardial ischemia. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 245-252.	0.8	21
120	Differential impairment of adherens-junction expression/phosphorylation after cardioplegia in diabetic versus non-diabetic patients. European Journal of Cardio-thoracic Surgery, 2016, 49, 937-943.	1.4	10
121	Early Cellular Changes in the Ascending Aorta and Myocardium in a Swine Model of Metabolic Syndrome. PLoS ONE, 2016, 11, e0146481.	2.5	4
122	Reversal of Dabigatran with Idarucizumab. Expert Review of Cardiovascular Therapy, 2016, 14, 889-893.	1.5	1
123	Role of Calpain in Pathogenesis of Human Disease Processes. Journal of Nature and Science, 2016, 2, .	1.1	24
124	Calpain inhibition decreases myocardial apoptosis in a swine model of chronic myocardial ischemia. Surgery, 2015, 158, 445-452.	1.9	25
125	Design and rationale for RE-VERSE AD: A phase 3 study of idarucizumab, a specific reversal agent for dabigatran. Thrombosis and Haemostasis, 2015, 114, 198-205.	3.4	132
126	Cardiopulmonary Bypass Decreases Activation of the Signal Transducer and Activator of Transcription 3 (STAT3) Pathway in Diabetic Human Myocardium. Annals of Thoracic Surgery, 2015, 100, 1636-1645.	1.3	9



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127	Atorvastatin Regulates Apoptosis in Chronically Ischemic Myocardium. <i>Journal of Cardiac Surgery</i> , 2015, 30, 218-223.	0.7	4
128	Attenuation of Inflammatory Responses by Hydrogen Sulfide (H <sub>2</sub> S) in Ischemia/Reperfusion Injury. <i>Methods in Enzymology</i> , 2015, 555, 127-144.	1.0	3
129	The effect of statins on perioperative inflammation in cardiac and thoracic surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 1495-1501.	0.8	12
130	Rottlerin-Induced BKCa Channel Activation Impairs Specific Contractile Responses and Promotes Vasodilation. <i>Annals of Thoracic Surgery</i> , 2015, 99, 626-634.	1.3	5
131	Secondary Prevention After Coronary Artery Bypass Graft Surgery. <i>Circulation</i> , 2015, 131, 927-964.	1.6	313
132	Idarucizumab for Dabigatran Reversal. <i>New England Journal of Medicine</i> , 2015, 373, 511-520.	27.0	1,419
133	Alcohol and the Heart: A Proteomics Analysis of Pericardium and Myocardium in a Swine Model of Myocardial Ischemia. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1627-1635.	1.3	7
134	Preoperative gene expression may be associated with neurocognitive decline after cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 613-623.	0.8	9
135	Inactivation of Endothelial Small/Intermediate Conductance of Calcium-Activated Potassium Channels Contributes to Coronary Arteriolar Dysfunction in Diabetic Patients. <i>Journal of the American Heart Association</i> , 2015, 4, e002062.	3.7	44
136	New continuous-flow total artificial heart and vascular permeability. <i>Journal of Surgical Research</i> , 2015, 199, 296-305.	1.6	4
137	Ethanol promotes new vessel growth in remote nonischemic myocardium. <i>Journal of Surgical Research</i> , 2015, 193, 536-542.	1.6	9
138	Investigating the Effects of Resveratrol on Chronically Ischemic Myocardium in a Swine Model of Metabolic Syndrome: A Proteomics Analysis. <i>Journal of Medicinal Food</i> , 2015, 18, 60-66.	1.5	13
139	Atrial Fibrillation, Neurocognitive Decline, and Gene Expression after Cardiopulmonary Bypass. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2015, 30, 520-32.	0.6	3
140	Abstract 19979: Endothelium-specific Increase in ROS has Protective Effects on Vascular Endothelium in Ischemic Myocardium. <i>Circulation</i> , 2015, 132, .	1.6	0
141	Abstract 16418: Reinitiation of Antithrombotic Therapy After Emergency Procedures or After an Uncontrolled or Life Threatening Bleeding Event. Initial Experience From the Re-verse Ad Trial. <i>Circulation</i> , 2015, 132, .	1.6	1
142	Antioxidant Therapy: Is it your Gateway to Improved Cardiovascular Health?. <i>Pharmaceutica Analytica Acta</i> , 2014, 06, .	0.2	6
143	Differential effects of atorvastatin on autophagy in ischemic and nonischemic myocardium in Ossabaw swine with metabolic syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 3172-3178.	0.8	24
144	Transcatheter aortic valve replacement in patients with severe aortic stenosis who are at high risk for surgical complications: Summary assessment of the California Technology Assessment Forum. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 482-491.e6.	0.8	9

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145	Resveratrol regulates autophagy signaling in chronically ischemic myocardium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 792-799.	0.8	32
146	Rapamycin Treatment of Healthy Pigs Subjected to Acute Myocardial Ischemia-Reperfusion Injury Attenuates Cardiac Functions and Increases Myocardial Necrosis. <i>Annals of Thoracic Surgery</i> , 2014, 97, 901-907.	1.3	19
147	Oxidative Stress and Nerve Function After Cardiopulmonary Bypass in Patients With Diabetes. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1635-1644.	1.3	19
148	Universal definition of perioperative bleeding in adult cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1458-1463.e1.	0.8	301
149	Alcohol Consumption Mitigates Apoptosis and Mammalian Target of Rapamycin Signaling in Myocardium. <i>Journal of the American College of Surgeons</i> , 2014, 218, 1175-1181.	0.5	10
150	2014 AHA/ACC guideline for the management of patients with valvular heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, e1-e132.	0.8	887
151	Safe Application of a Restrictive Transfusion Protocol in Moderate-Risk Patients Undergoing Cardiac Operations. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1630-1635.	1.3	21
152	Metabolic syndrome impairs notch signaling and promotes apoptosis in chronically ischemic myocardium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 1048-1055.	0.8	19
153	Metformin mitigates apoptosis in ischemic myocardium. <i>Journal of Surgical Research</i> , 2014, 192, 50-58.	1.6	27
154	Microvascular Notch Signaling Is Upregulated in Response to Vascular Endothelial Growth Factor and Chronic Myocardial Ischemia. <i>Circulation Journal</i> , 2014, 78, 743-751.	1.6	11
155	Abstract 161: Differential Effects of Short- and Long-Term Increase in Endothelial ROS on Coronary Vascular Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	2.4	0
156	The pig as a valuable model for testing the effect of resveratrol to prevent cardiovascular disease. <i>Annals of the New York Academy of Sciences</i> , 2013, 1290, 130-135.	3.8	29
157	Metformin alters the insulin signaling pathway in ischemic cardiac tissue in a swine model of metabolic syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 145, 258-266.	0.8	25
158	Does resveratrol improve insulin signaling in chronically ischemic myocardium?. <i>Journal of Surgical Research</i> , 2013, 183, 531-536.	1.6	9
159	Local infiltration of neuropeptide Y as a potential therapeutic agent against apoptosis and fibrosis in a swine model of hypercholesterolemia and chronic myocardial ischemia. <i>European Journal of Pharmacology</i> , 2013, 718, 261-270.	3.5	19
160	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2013, 95, 802.	1.3	0
161	Alcohol consumption improves insulin signaling in the myocardium. <i>Surgery</i> , 2013, 154, 320-327.	1.9	9
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