Michael P Robich

List of Publications by Year
in descending order

73 papers	1,903 citations	236925 25 h-index	276875 41 g-index
75 all docs	75 docs citations	75 times ranked	2775 citing authors

#	Article	IF	Citations
1	del Nido versus Buckberg cardioplegia in adult isolated valve surgery. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 626-636.e5.	0.8	134
2	Resveratrol Improves Myocardial Perfusion in a Swine Model of Hypercholesterolemia and Chronic Myocardial Ischemia. Circulation, 2010, 122, S142-9.	1.6	105
3	Effect of Hydrogen Sulfide in a Porcine Model of Myocardial Ischemia-Reperfusion: Comparison of Different Administration Regimens and Characterization of the Cellular Mechanisms of Protection. Journal of Cardiovascular Pharmacology, 2009, 54, 287-297.	1.9	101
4	Gender and Cardiothoracic Surgery Training: Specialty Interests, Satisfaction, and Career Pathways. Annals of Thoracic Surgery, 2016, 102, 200-206.	1.3	83
5	Effect of Hypercholesterolemia on Myocardial Necrosis and Apoptosis in the Setting of Ischemia-Reperfusion. Circulation, 2009, 120, S22-30.	1.6	79
6	Gastrointestinal Complications following Cardiac Surgery: A Comprehensive Review. Journal of Cardiac Surgery, 2010, 25, 188-197.	0.7	74
7	Improving Glucose Metabolism With Resveratrol in a Swine Model of Metabolic Syndrome Through Alteration of Signaling Pathways in the Liver and Skeletal Muscle. Archives of Surgery, 2011, 146, 556.	2.2	62
8	Paclitaxel/sirolimus combination coated drug-eluting stent: In vitro and in vivo drug release studies. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 807-811.	2.8	61
9	Trends in blood utilization in <scp>U</scp>nited <scp>S</scp>tates cardiac surgical patients. Transfusion, 2015, 55, 805-814.	1.6	57
10	Resveratrol modifies risk factors for coronary artery disease in swine with metabolic syndrome and myocardial ischemia. European Journal of Pharmacology, 2011, 664, 45-53.	3.5	47
11	Anti-angiogenic effect of high-dose resveratrol in a swine model of metabolic syndrome. Surgery, 2010, 148, 453-462.	1.9	46
12	Effect of hydrogen sulfide on myocardial protection in the setting of cardioplegia and cardiopulmonary bypassâ˜†. Interactive Cardiovascular and Thoracic Surgery, 2010, 10, 506-512.	1.1	46
13	Surgical Atrial Fibrillation Ablation Improves Long-Term Survival: A Multicenter Analysis. Annals of Thoracic Surgery, 2019, 107, 135-142.	1.3	45
14	Effects of neuropeptide Y on collateral development in a swine model of chronic myocardial ischemia. Journal of Molecular and Cellular Cardiology, 2010, 49, 1022-1030.	1.9	41
15	Overfed Ossabaw swine with early stage metabolic syndrome have normal coronary collateral development in response to chronic ischemia. Basic Research in Cardiology, 2012, 107, 243.	5.9	39
16	Resveratrol in the Prevention and Treatment of Coronary Artery Disease. Current Atherosclerosis Reports, 2011, 13, 439-446.	4.8	37
17	Risk Factors and Outcomes of Patients Requiring a Permanent Pacemaker After Aortic Valve Replacement in the United States. Journal of Cardiac Surgery, 2016, 31, 476-485.	0.7	33
18	Intensity of Glycemic Control Affects Long-Term Survival After Coronary Artery Bypass Graft Surgery. Annals of Thoracic Surgery, 2019, 107, 477-484.	1.3	33

#	Article	IF	Citations
19	Resveratrol regulates autophagy signaling in chronically ischemic myocardium. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 792-799.	0.8	32
20	A Decade of Change: Training and Career Paths of Cardiothoracic Surgery Residents 2003 to 2014. Annals of Thoracic Surgery, 2015, 100, 1305-1314.	1.3	32
21	Myocardial therapeutic angiogenesis: a review of the state of development and future obstacles. Expert Review of Cardiovascular Therapy, 2011, 9, 1469-1479.	1.5	29
22	The pig as a valuable model for testing the effect of resveratrol to prevent cardiovascular disease. Annals of the New York Academy of Sciences, 2013, 1290, 130-135.	3.8	29
23	Impact of acute myocardial ischemia reperfusion on the tissue and blood-borne reninâ€“angiotensin system. Basic Research in Cardiology, 2010, 105, 513-522.	5.9	27
24	Outcomes of patients with human immunodeficiency virus infection undergoing cardiovascular surgery in the United States. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 3066-3075.	0.8	27
25	Comparative effectiveness of coronary artery bypass grafting versus percutaneous coronary intervention in a real-world Surgical Treatment for Ischemic Heart Failure trial population. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1410-1421.e2.	0.8	27
26	In vitro and in vivo degradation of poly(<scp>D,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (L</scp>â€lactideâ€co< Journal of Biomedical Materials Research - Part A, 2011, 96A, 632-638.	4.0	26
27	Neuropeptide Y improves myocardial perfusion and function in a swine model of hypercholesterolemia and chronic myocardial ischemia. Journal of Molecular and Cellular Cardiology, 2012, 53, 891-898.	1.9	26
28	Effects of Red Wine and Vodka on Collateral-Dependent Perfusion and Cardiovascular Function in Hypercholesterolemic Swine. Circulation, 2012, 126, S65-72.	1.6	26
29	Tissue versus mechanical aortic valve replacement in younger patients: A multicenter analysis. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 1529-1538.e2.	0.8	26
30	Is hyperglycemia bad for the heart during acute ischemia?. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, 1345-1352.	0.8	25
31	Drug-eluting stent coatings. Interventional Cardiology, 2012, 4, 73-83.	0.0	25
32	Thromboxane-Induced Contractile Response of Human Coronary Arterioles Is Diminished After Cardioplegic Arrest. Annals of Thoracic Surgery, 2011, 92, 829-836.	1.3	24
33	Effects of Cardiopulmonary Bypass on Endothelin-1â€“Induced Contraction and Signaling in Human Skeletal Muscle Microcirculation. Circulation, 2010, 122, S150-5.	1.6	22
34	Resveratrol Preserves Myocardial Function and Perfusion in Remote Nonischemic Myocardium in a Swine Model of Metabolic Syndrome. Journal of the American College of Surgeons, 2012, 215, 681-689.	0.5	22
35	Glycogen Synthase Kinase 3Î² Inhibition Improves Myocardial Angiogenesis and Perfusion in a Swine Model of Metabolic Syndrome. Journal of the American Heart Association, 2016, 5, .	3.7	20
36	Altered coronary microvascular serotonin receptor expression after coronary artery bypass grafting with cardiopulmonary bypass. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 1033-1040.	0.8	19

#	Article	IF	Citations
37	Cardioprotective effects of red wine and vodka in a model of endothelial dysfunction. Journal of Surgical Research, 2012, 178, 586-592.	1.6	19
38	Local infiltration of neuropeptide Y as a potential therapeutic agent against apoptosis and fibrosis in a swine model of hypercholesterolemia and chronic myocardial ischemia. European Journal of Pharmacology, 2013, 718, 261-270.	3.5	19
39	Development and Evaluation of a Three-Dimensional Multistation Cardiovascular Simulator. Annals of Thoracic Surgery, 2016, 102, 62-68.	1.3	18
40	The Future of the Academic Cardiothoracic Surgeon: Results of the TSRA/TSDA In-Training Examination Survey. Annals of Thoracic Surgery, 2016, 102, 643-650.	1.3	18
41	Prolonged Effect of Postoperative Infectious Complications on Survival After Cardiac Surgery. Annals of Thoracic Surgery, 2015, 99, 1591-1599.	1.3	17
42	Understanding Why Residents May Inaccurately Log Their Role in Operations: A Look at the 2013 In-Training Examination Survey. Annals of Thoracic Surgery, 2016, 101, 323-328.	1.3	16
43	Effect of thrombin fragment (TP508) on myocardial ischemia-reperfusion injury in hypercholesterolemic pigs. Journal of Applied Physiology, 2009, 106, 1993-2001.	2.5	15
44	Predictors of Career Choice Among Cardiothoracic Surgery Trainees. Annals of Thoracic Surgery, 2015, 100, 1849-1854.	1.3	14
45	Thrombin Fragment (TP508) Decreases Myocardial Infarction and Apoptosis After Ischemia Reperfusion Injury. Annals of Thoracic Surgery, 2009, 87, 786-793.	1.3	13
46	Effect of Thrombin Fragment (TP508) on Myocardial Ischemia Reperfusion Injury in a Model of Type 1 Diabetes Mellitus. Circulation, 2010, 122, S162-9.	1.6	13
47	Effects of Selective Cyclooxygenase-2 and Nonselective Cyclooxygenase Inhibition on Myocardial Function and Perfusion. Journal of Cardiovascular Pharmacology, 2011, 57, 122-130.	1.9	13
48	Investigating the Effects of Resveratrol on Chronically Ischemic Myocardium in a Swine Model of Metabolic Syndrome: A Proteomics Analysis. Journal of Medicinal Food, 2015, 18, 60-66.	1.5	13
49	Hypothermia Severely Effects Performance of Nitinol-Based Endovascular Grafts In Vitro. Annals of Thoracic Surgery, 2012, 93, 1223-1227.	1.3	12
50	Effects of selective cyclooxygenase-2 and nonselective cyclooxygenase inhibition on ischemic myocardium. Journal of Thoracic and Cardiovascular Surgery, 2010, 140, 1143-1152.	0.8	11
51	Resveratrol supplementation abrogatesÂpro-arteriogenic effects of intramyocardial vascular endothelial growth factor in a hypercholesterolemic swine model of chronic ischemia. Surgery, 2011, 150, 390-399.	1.9	11
52	Microvascular Notch Signaling Is Upregulated in Response to Vascular Endothelial Growth Factor and Chronic Myocardial Ischemia. Circulation Journal, 2014, 78, 743-751.	1.6	11
53	Temporal and Spatial Changes in Collateral Formation and Function During Chronic Myocardial Ischemia. Journal of the American College of Surgeons, 2010, 211, 470-480.	0.5	9
54	Effects of cyclooxygenase inhibition on cardiovascular function in a hypercholesterolemic swine model of chronic ischemia. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H479-H488.	3.2	9

#	Article	IF	Citations
55	Does resveratrol improve insulin signaling in chronically ischemic myocardium?. Journal of Surgical Research, 2013, 183, 531-536.	1.6	9
56	Protective role of ErbB3 signaling in myeloid cells during adaptation to cardiac pressure overload. Journal of Molecular and Cellular Cardiology, 2021, 152, 1-16.	1.9	9
57	Impaired contractile response of human peripheral arterioles to thromboxane A-2 after cardiopulmonary bypass. Surgery, 2011, 150, 263-271.	1.9	7
58	Comparative effectiveness of revascularization strategies for early coronary artery disease: A multicenter analysis. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 645-656.e2.	0.8	7
59	Mechanism for reduced pericardial adhesion formation in hypercholesterolemic swine supplemented with alcohol. European Journal of Cardio-thoracic Surgery, 2013, 43, 1058-1064.	1.4	5
60	ErbB2 promotes endothelial phenotype of human left ventricular epicardial highly proliferative cells (eHiPC). Journal of Molecular and Cellular Cardiology, 2018, 115, 39-50.	1.9	5
61	Decreased expression of ErbB2 on left ventricular epicardial cells in patients with diabetes mellitus. Cellular Signalling, 2022, 96, 110360.	3.6	5
62	Effect of Dimerized Thrombin Fragment TP508 on Acute Myocardial Ischemia Reperfusion Injury in Hypercholesterolemic Swine. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 449-459.	2.5	3
63	High-fat dietÂalters prostanoid balance and perfusion in ischemic myocardium of naproxen-treated swine. Surgery, 2011, 150, 490-496.	1.9	3
64	Regenerative Therapies for Improving Myocardial Perfusion in Patients with Cardiovascular Disease: Failure to Meet Expectations but Optimism for the Future. Current Vascular Pharmacology, 2012, 10, 300-309.	1.7	3
65	The most important lessons I learned in training. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1015-1016.	0.8	3
66	Two Cases of Late Shone Syndrome With Pulmonary Hypertension. World Journal for Pediatric & Congenital Heart Surgery, 2016, 7, 100-103.	0.8	2
67	High ErbB3 activating activity in human blood is not due to circulating neuregulin-1 beta. Life Sciences, 2020, 251, 117634.	4.3	2
68	Analysis of "never events" following adult cardiac surgical procedures in the United States. Journal of Cardiovascular Surgery, 2017, 58, 755-762.	0.6	1
69	Repair of Spontaneous LeftÂAtrialÂDissection Resulting in SevereÂParavalvular Native MitralÂValveÂRegurgitation. JACC: Case Reports, 2020, 2, 1099-1102.	0.6	1
70	Hypercholesterolemia and chronic ischemia alter myocardial responses to selective cyclooxygenase-2 inhibition. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 675-681.	0.8	0
71	Successful rebuilding after disaster, even in the heart, starts with infrastructure. Journal of Thoracic Disease, 2018, 10, S4165-S4167.	1.4	0
72	â€œWhen You Donâ€™t Know What to Do, Do What You Know How to Doâ€• Annals of Thoracic Surgery, 2021, 111, 904-905.	1.3	0

#	Article	IF	Citations
73	Management of Operative Complications After Type A Aortic Dissection Repair. , 2021, , 483-495.		0