

Michael P Robich

List of Publications by Year in descending order

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73
papers

1,903
citations

236833

25
h-index

276775

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. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 626-636.e5.	0.4	134
2	Resveratrol Improves Myocardial Perfusion in a Swine Model of Hypercholesterolemia and Chronic Myocardial Ischemia. <i>Circulation</i> , 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. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 54, 287-297.	0.8	101
4	Gender and Cardiothoracic Surgery Training: Specialty Interests, Satisfaction, and Career Pathways. <i>Annals of Thoracic Surgery</i> , 2016, 102, 200-206.	0.7	83
5	Effect of Hypercholesterolemia on Myocardial Necrosis and Apoptosis in the Setting of Ischemia-Reperfusion. <i>Circulation</i> , 2009, 120, S22-30.	1.6	79
6	Gastrointestinal Complications following Cardiac Surgery: A Comprehensive Review. <i>Journal of Cardiac Surgery</i> , 2010, 25, 188-197.	0.3	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. <i>Archives of Surgery</i> , 2011, 146, 556.	2.3	62
8	Paclitaxel/sirolimus combination coated drug-eluting stent: In vitro and in vivo drug release studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 807-811.	1.4	61
9	Trends in blood utilization in <i>U</i> nited <i>S</i> tates cardiac surgical patients. <i>Transfusion</i> , 2015, 55, 805-814.	0.8	57
10	Resveratrol modifies risk factors for coronary artery disease in swine with metabolic syndrome and myocardial ischemia. <i>European Journal of Pharmacology</i> , 2011, 664, 45-53.	1.7	47
11	Anti-angiogenic effect of high-dose resveratrol in a swine model of metabolic syndrome. <i>Surgery</i> , 2010, 148, 453-462.	1.0	46
12	Effect of hydrogen sulfide on myocardial protection in the setting of cardioplegia and cardiopulmonary bypass. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 10, 506-512.	0.5	46
13	Surgical Atrial Fibrillation Ablation Improves Long-Term Survival: A Multicenter Analysis. <i>Annals of Thoracic Surgery</i> , 2019, 107, 135-142.	0.7	45
14	Effects of neuropeptide Y on collateral development in a swine model of chronic myocardial ischemia. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 1022-1030.	0.9	41
15	Overfed Ossabaw swine with early stage metabolic syndrome have normal coronary collateral development in response to chronic ischemia. <i>Basic Research in Cardiology</i> , 2012, 107, 243.	2.5	39
16	Resveratrol in the Prevention and Treatment of Coronary Artery Disease. <i>Current Atherosclerosis Reports</i> , 2011, 13, 439-446.	2.0	37
17	Risk Factors and Outcomes of Patients Requiring a Permanent Pacemaker After Aortic Valve Replacement in the United States. <i>Journal of Cardiac Surgery</i> , 2016, 31, 476-485.	0.3	33
18	Intensity of Glycemic Control Affects Long-Term Survival After Coronary Artery Bypass Graft Surgery. <i>Annals of Thoracic Surgery</i> , 2019, 107, 477-484.	0.7	33

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19	Resveratrol regulates autophagy signaling in chronically ischemic myocardium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 792-799.	0.4	32
20	A Decade of Change: Training and Career Paths of Cardiothoracic Surgery Residents 2003 to 2014. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1305-1314.	0.7	32
21	Myocardial therapeutic angiogenesis: a review of the state of development and future obstacles. <i>Expert Review of Cardiovascular Therapy</i> , 2011, 9, 1469-1479.	0.6	29
22	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.	1.8	29
23	Impact of acute myocardial ischemia reperfusion on the tissue and blood-borne renin-angiotensin system. <i>Basic Research in Cardiology</i> , 2010, 105, 513-522.	2.5	27
24	Outcomes of patients with human immunodeficiency virus infection undergoing cardiovascular surgery in the United States. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 3066-3075.	0.4	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. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 1410-1421.e2.	0.4	27
26	<i>In vitro</i> and <i>in vivo</i> degradation of poly(D, L) lactide-co-glycolide. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 96A, 632-638.	2.1	26
27	Neuropeptide Y improves myocardial perfusion and function in a swine model of hypercholesterolemia and chronic myocardial ischemia. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 891-898.	0.9	26
28	Effects of Red Wine and Vodka on Collateral-Dependent Perfusion and Cardiovascular Function in Hypercholesterolemic Swine. <i>Circulation</i> , 2012, 126, S65-72.	1.6	26
29	Tissue versus mechanical aortic valve replacement in younger patients: A multicenter analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 1529-1538.e2.	0.4	26
30	Is hyperglycemia bad for the heart during acute ischemia?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 1345-1352.	0.4	25
31	Drug-eluting stent coatings. <i>Interventional Cardiology</i> , 2012, 4, 73-83.	0.0	25
32	Thromboxane-Induced Contractile Response of Human Coronary Arterioles Is Diminished After Cardioplegic Arrest. <i>Annals of Thoracic Surgery</i> , 2011, 92, 829-836.	0.7	24
33	Effects of Cardiopulmonary Bypass on Endothelin-Induced Contraction and Signaling in Human Skeletal Muscle Microcirculation. <i>Circulation</i> , 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. <i>Journal of the American College of Surgeons</i> , 2012, 215, 681-689.	0.2	22
35	Glycogen Synthase Kinase 3 β Inhibition Improves Myocardial Angiogenesis and Perfusion in a Swine Model of Metabolic Syndrome. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	20
36	Altered coronary microvascular serotonin receptor expression after coronary artery bypass grafting with cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 139, 1033-1040.	0.4	19

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37	Cardioprotective effects of red wine and vodka in a model of endothelial dysfunction. <i>Journal of Surgical Research</i> , 2012, 178, 586-592.	0.8	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. <i>European Journal of Pharmacology</i> , 2013, 718, 261-270.	1.7	19
39	Development and Evaluation of a Three-Dimensional Multistation Cardiovascular Simulator. <i>Annals of Thoracic Surgery</i> , 2016, 102, 62-68.	0.7	18
40	The Future of the Academic Cardiothoracic Surgeon: Results of the TSRA/TSDA In-Training Examination Survey. <i>Annals of Thoracic Surgery</i> , 2016, 102, 643-650.	0.7	18
41	Prolonged Effect of Postoperative Infectious Complications on Survival After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2015, 99, 1591-1599.	0.7	17
42	Understanding Why Residents May Inaccurately Log Their Role in Operations: A Look at the 2013 In-Training Examination Survey. <i>Annals of Thoracic Surgery</i> , 2016, 101, 323-328.	0.7	16
43	Effect of thrombin fragment (TP508) on myocardial ischemia-reperfusion injury in hypercholesterolemic pigs. <i>Journal of Applied Physiology</i> , 2009, 106, 1993-2001.	1.2	15
44	Predictors of Career Choice Among Cardiothoracic Surgery Trainees. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1849-1854.	0.7	14
45	Thrombin Fragment (TP508) Decreases Myocardial Infarction and Apoptosis After Ischemia Reperfusion Injury. <i>Annals of Thoracic Surgery</i> , 2009, 87, 786-793.	0.7	13
46	Effect of Thrombin Fragment (TP508) on Myocardial Ischemia Reperfusion Injury in a Model of Type 1 Diabetes Mellitus. <i>Circulation</i> , 2010, 122, S162-9.	1.6	13
47	Effects of Selective Cyclooxygenase-2 and Nonselective Cyclooxygenase Inhibition on Myocardial Function and Perfusion. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 57, 122-130.	0.8	13
48	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.	0.8	13
49	Hypothermia Severely Effects Performance of Nitinol-Based Endovascular Grafts In Vitro. <i>Annals of Thoracic Surgery</i> , 2012, 93, 1223-1227.	0.7	12
50	Effects of selective cyclooxygenase-2 and nonselective cyclooxygenase inhibition on ischemic myocardium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 1143-1152.	0.4	11
51	Resveratrol supplementation abrogates pro-arteriogenic effects of intramyocardial vascular endothelial growth factor in a hypercholesterolemic swine model of chronic ischemia. <i>Surgery</i> , 2011, 150, 390-399.	1.0	11
52	Microvascular Notch Signaling Is Upregulated in Response to Vascular Endothelial Growth Factor and Chronic Myocardial Ischemia. <i>Circulation Journal</i> , 2014, 78, 743-751.	0.7	11
53	Temporal and Spatial Changes in Collateral Formation and Function During Chronic Myocardial Ischemia. <i>Journal of the American College of Surgeons</i> , 2010, 211, 470-480.	0.2	9
54	Effects of cyclooxygenase inhibition on cardiovascular function in a hypercholesterolemic swine model of chronic ischemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H479-H488.	1.5	9

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55	Does resveratrol improve insulin signaling in chronically ischemic myocardium?. Journal of Surgical Research, 2013, 183, 531-536.	0.8	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.	0.9	9
57	Impaired contractile response of human peripheral arterioles to thromboxane A-2 after cardiopulmonary bypass. Surgery, 2011, 150, 263-271.	1.0	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.	0.4	7
59	Mechanism for reduced pericardial adhesion formation in hypercholesterolemic swine supplemented with alcohol. European Journal of Cardio-thoracic Surgery, 2013, 43, 1058-1064.	0.6	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.	0.9	5
61	Decreased expression of ErbB2 on left ventricular epicardial cells in patients with diabetes mellitus. Cellular Signalling, 2022, 96, 110360.	1.7	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.	1.3	3
63	High-fat diet alters prostanoid balance and perfusion in ischemic myocardium of naproxen-treated swine. Surgery, 2011, 150, 490-496.	1.0	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.	0.8	3
65	The most important lessons I learned in training. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1015-1016.	0.4	3
66	Two Cases of Late Shone Syndrome With Pulmonary Hypertension. World Journal for Pediatric & Congenital Heart Surgery, 2016, 7, 100-103.	0.3	2
67	High ErbB3 activating activity in human blood is not due to circulating neuregulin-1 beta. Life Sciences, 2020, 251, 117634.	2.0	2
68	Analysis of "never events" following adult cardiac surgical procedures in the United States. Journal of Cardiovascular Surgery, 2017, 58, 755-762.	0.3	1
69	Repair of Spontaneous Left Atrial Dissection Resulting in Severe Paravalvular Native Mitral Valve Regurgitation. JACC: Case Reports, 2020, 2, 1099-1102.	0.3	1
70	Hypercholesterolemia and chronic ischemia alter myocardial responses to selective cyclooxygenase-2 inhibition. Journal of Thoracic and Cardiovascular Surgery, 2011, 142, 675-681.	0.4	0
71	Successful rebuilding after disaster, even in the heart, starts with infrastructure. Journal of Thoracic Disease, 2018, 10, S4165-S4167.	0.6	0
72	When You Don't Know What to Do, Do What You Know How to Do. Annals of Thoracic Surgery, 2021, 111, 904-905.	0.7	0

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