

# Mihai V Podgoreanu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86  
papers

2,290  
citations

26  
h-index

45  
g-index

90  
ext. papers

2,646  
ext. citations

4.7  
avg, IF

4.2  
L-index

#	Paper	IF	Citations
86	Conventional Ultrafiltration During Elective Cardiac Surgery and Postoperative Acute Kidney Injury. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2021</b> , 35, 1310-1318	2.1	4
85	Bedside Allogeneic Erythrocyte Washing with a Cell Saver to Remove Cytokines, Chemokines, and Cell-derived Microvesicles. <i>Anesthesiology</i> , <b>2021</b> , 134, 395-404	4.3	2
84	Apolipoprotein L1 (APOL1) Coding Variants Are Associated With Creatinine Rise After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2020</b> , 34, 3314-3320	2.1	2
83	Stellate Ganglion Blockade for the Treatment of Refractory Ventricular Arrhythmias. <i>JACC: Clinical Electrophysiology</i> , <b>2020</b> , 6, 562-571	4.6	14
82	Oxidative Stress Response and Delirium after Cardiac Surgery: Can Circulating Biomarkers Refine New Therapeutic Paradigms?. <i>Anesthesiology</i> , <b>2020</b> , 132, 418-420	4.3	
81	Metabolomics and Other Omic Approaches to Characterize Perioperative Trajectories <b>2020</b> , 67-91		1
80	Association between primary graft dysfunction and acute kidney injury after orthotopic heart transplantation - a retrospective, observational cohort study. <i>Transplant International</i> , <b>2020</b> , 33, 887-894 <sup>3</sup>		2
79	Transplanting a heart with a persistent left superior vena cava. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 630-631	1.5	1
78	Annexin A1 Bioactive Peptide Promotes Resolution of Neuroinflammation in a Rat Model of Exsanguinating Cardiac Arrest Treated by Emergency Preservation and Resuscitation. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 608	5.1	11
77	Intravenous Lidocaine Does Not Improve Neurologic Outcomes after Cardiac Surgery: A Randomized Controlled Trial. <i>Anesthesiology</i> , <b>2019</b> , 130, 958-970	4.3	12
76	Contribution of Baroreceptor Function to Pain Perception and Perioperative Outcomes. <i>Anesthesiology</i> , <b>2019</b> , 130, 634-650	4.3	18
75	Temporary autonomic modulation with botulinum toxin type A to reduce atrial fibrillation after cardiac surgery. <i>Heart Rhythm</i> , <b>2019</b> , 16, 178-184	6.7	19
74	Predictive ability of perioperative atrial fibrillation risk indices in cardiac surgery patients: a retrospective cohort study. <i>Canadian Journal of Anaesthesia</i> , <b>2018</b> , 65, 786-796	3	8
73	Perioperative Genomics <b>2018</b> , 235-276		1
72	Genome-Wide Association Study Links Receptor Tyrosine Kinase Inhibitor Sprouty 2 to Thrombocytopenia after Coronary Artery Bypass Surgery. <i>Thrombosis and Haemostasis</i> , <b>2018</b> , 118, 1572-1585		7
71	Pre- and postoperative anemia, acute kidney injury, and mortality after coronary artery bypass grafting surgery: a retrospective observational study. <i>Canadian Journal of Anaesthesia</i> , <b>2018</b> , 65, 46-59	3	22
70	Primary graft dysfunction after heart transplantation: Incidence, trends, and associated risk factors. <i>American Journal of Transplantation</i> , <b>2018</b> , 18, 1461-1470	8.7	66

69	Tricuspid Regurgitation Due to Absent Tricuspid Valve Leaflet: Utility of Three-Dimensional Echocardiography. <i>A&amp;A Practice</i> , <b>2018</b> , 10, 45-48	0.8	
68	Angiotensin Receptor Blockade Improves Cardiac Surgical Outcomes in Patients With Metabolic Syndrome. <i>Annals of Thoracic Surgery</i> , <b>2017</b> , 104, 98-105	2.7	6
67	Association between CK-MB Area Under the Curve and Tranexamic Acid Utilization in Patients Undergoing Coronary Artery Bypass Surgery. <i>Journal of Thrombosis and Thrombolysis</i> , <b>2017</b> , 43, 446-453	5.1	2
66	Platelet Counts and Postoperative Stroke After Coronary Artery Bypass Grafting Surgery. <i>Anesthesia and Analgesia</i> , <b>2017</b> , 125, 1129-1139	3.9	20
65	Neuroprotective Effects of Annexin A1 Tripeptide after Deep Hypothermic Circulatory Arrest in Rats. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1050	8.4	15
64	Effect of intravenous lidocaine on the transcerebral inflammatory response during cardiac surgery: a randomized-controlled trial. <i>Canadian Journal of Anaesthesia</i> , <b>2016</b> , 63, 1223-32	3	13
63	In Reply. <i>Anesthesiology</i> , <b>2016</b> , 125, 438-9	4.3	2
62	Platelet Counts, Acute Kidney Injury, and Mortality after Coronary Artery Bypass Grafting Surgery. <i>Anesthesiology</i> , <b>2016</b> , 124, 339-52	4.3	62
61	Interleukin-1 $\beta$ gene variants are associated with QTc interval prolongation following cardiac surgery: a prospective observational study. <i>Canadian Journal of Anaesthesia</i> , <b>2016</b> , 63, 397-410	3	5
60	Proteomic Profiling Reveals Adaptive Responses to Surgical Myocardial Ischemia-Reperfusion in Hibernating Arctic Ground Squirrels Compared to Rats. <i>Anesthesiology</i> , <b>2016</b> , 124, 1296-310	4.3	19
59	Gene signatures of postoperative atrial fibrillation in atrial tissue after coronary artery bypass grafting surgery in patients receiving $\beta$ blockers. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 92, 109-15	5.8	11
58	Genome-wide association study of acute kidney injury after coronary bypass graft surgery identifies susceptibility loci. <i>Kidney International</i> , <b>2015</b> , 88, 823-32	9.9	30
57	Apolipoprotein epsilon 4 genotype is associated with less improvement in cognitive function five years after cardiac surgery: a retrospective cohort study. <i>Canadian Journal of Anaesthesia</i> , <b>2015</b> , 62, 618-26	3.26	12
56	Genome-wide association study of new-onset atrial fibrillation after coronary artery bypass grafting surgery. <i>American Heart Journal</i> , <b>2015</b> , 170, 580-90.e28	4.9	19
55	Genome-wide association study of perioperative myocardial infarction after coronary artery bypass surgery. <i>BMJ Open</i> , <b>2015</b> , 5, e006920	3	11
54	Intraoperative Magnesium Administration Does Not Reduce Postoperative Atrial Fibrillation After Cardiac Surgery. <i>Anesthesia and Analgesia</i> , <b>2015</b> , 121, 861-867	3.9	21
53	A genome-wide association study of variants associated with acquisition of Staphylococcus aureus bacteremia in a healthcare setting. <i>BMC Infectious Diseases</i> , <b>2014</b> , 14, 83	4	31
52	Organ protective mechanisms common to extremes of physiology: a window through hibernation biology. <i>Integrative and Comparative Biology</i> , <b>2014</b> , 54, 497-515	2.8	23

51	Effect of pregabalin on cerebral outcome after cardiopulmonary bypass with deep hypothermic circulatory arrest in rats. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 298-303	1.5	15
50	Effects of deep hypothermic circulatory arrest on the blood brain barrier in a cardiopulmonary bypass model--a pilot study. <i>Heart Lung and Circulation</i> , <b>2014</b> , 23, 981-4	1.8	17
49	Arterial hyperoxia during cardiopulmonary bypass and postoperative cognitive dysfunction. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2014</b> , 28, 462-6	2.1	20
48	G protein-coupled receptor kinase 5 gene polymorphisms are associated with postoperative atrial fibrillation after coronary artery bypass grafting in patients receiving $\beta$ blockers. <i>Circulation: Cardiovascular Genetics</i> , <b>2014</b> , 7, 625-633		21
47	Preoperative CYP2D6 metabolism-dependent $\beta$ blocker use and mortality after coronary artery bypass grafting surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 1368-1375.e3	1.5	12
46	Perioperative Genomics <b>2013</b> , 635-654		
45	Intraoperative magnesium administration does not improve neurocognitive function after cardiac surgery. <i>Stroke</i> , <b>2013</b> , 44, 3407-13	6.7	43
44	Predictors of cognitive recovery after cardiac surgery. <i>Anesthesia and Analgesia</i> , <b>2013</b> , 116, 435-42	3.9	32
43	Intralipid: the new magic bullet in cardioprotection?. <i>Anesthesiology</i> , <b>2013</b> , 118, 1237-8	4.3	5
42	A comparative evaluation of transesophageal and transthoracic echocardiography for measurement of left ventricular systolic strain using speckle tracking. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2012</b> , 26, 17-25	2.1	35
41	Pharmacogenomics of $\beta$ blockers and statins: possible implications for perioperative cardiac complications. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2012</b> , 26, 1101-14	2.1	5
40	Case 4-2011: malignant hyperthermia in cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2011</b> , 25, 731-5	2.1	2
39	Utility of a simple algorithm to grade diastolic dysfunction and predict outcome after coronary artery bypass graft surgery. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 91, 1844-50	2.7	69
38	A randomized, double blind, placebo controlled clinical trial of the preoperative use of ketamine for reducing inflammation and pain after thoracic surgery. <i>Journal of Anesthesia</i> , <b>2011</b> , 25, 672-8	2.2	14
37	Thrombomodulin gene variants are associated with increased mortality after coronary artery bypass surgery in replicated analyses. <i>Circulation</i> , <b>2011</b> , 124, S143-8	16.7	31
36	Association of the 98T ELAM-1 polymorphism with increased bleeding after cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2010</b> , 24, 427-33	2.1	12
35	Pulse pressure and long-term survival after coronary artery bypass graft surgery. <i>Anesthesia and Analgesia</i> , <b>2010</b> , 110, 335-40	3.9	26
34	Energetics and metabolism in the failing heart: important but poorly understood. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2010</b> , 13, 458-65	3.8	40

33	Rare deletions at 16p13.11 predispose to a diverse spectrum of sporadic epilepsy syndromes. <i>American Journal of Human Genetics</i> , <b>2010</b> , 86, 707-18	11	206
32	Cognitive function after major noncardiac surgery, apolipoprotein E4 genotype, and biomarkers of brain injury. <i>Anesthesiology</i> , <b>2010</b> , 112, 852-9	4.3	113
31	Metabolomic profiling reveals distinct patterns of myocardial substrate use in humans with coronary artery disease or left ventricular dysfunction during surgical ischemia/reperfusion. <i>Circulation</i> , <b>2009</b> , 119, 1736-46	16.7	122
30	Genomics of Perioperative and Procedural Medicine <b>2009</b> , 794-805		
29	Pharmacogenomics and end-organ susceptibility to injury in the perioperative period. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , <b>2008</b> , 22, 23-37	4	6
28	A novel survival model of cardioplegic arrest and cardiopulmonary bypass in rats: a methodology paper. <i>Journal of Cardiothoracic Surgery</i> , <b>2008</b> , 3, 51	1.6	22
27	Relationship of genetic variability and depressive symptoms to adverse events after coronary artery bypass graft surgery. <i>Psychosomatic Medicine</i> , <b>2008</b> , 70, 953-9	3.7	28
26	Intraoperative transesophageal echocardiography diagnosis of residual tumor fragment after surgical removal of renal cell carcinoma. <i>Anesthesia and Analgesia</i> , <b>2008</b> , 106, 1633-5	3.9	13
25	Genetic variants in P-selectin and C-reactive protein influence susceptibility to cognitive decline after cardiac surgery. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 49, 1934-42	15.1	97
24	Spontaneous echocardiographic contrast indicating successful endoleak management. <i>Anesthesia and Analgesia</i> , <b>2007</b> , 104, 1037-9	3.9	3
23	The "sandblasting" effect of aortic cannula on arch atheroma during cardiopulmonary bypass. <i>Anesthesia and Analgesia</i> , <b>2007</b> , 104, 1350-1	3.9	23
22	Malpositioned left ventricular assist device cannula: diagnosis and management with transesophageal echocardiography guidance. <i>Anesthesia and Analgesia</i> , <b>2007</b> , 105, 1574-6	3.9	10
21	Effects of extreme hemodilution during cardiac surgery on cognitive function in the elderly. <i>Anesthesiology</i> , <b>2007</b> , 107, 577-84	4.3	77
20	Deterioration of regional wall motion immediately after coronary artery bypass graft surgery is associated with long-term major adverse cardiac events. <i>Anesthesiology</i> , <b>2007</b> , 107, 739-45	4.3	35
19	Case report: optimizing intraoperative detection of pulmonary embolism using contrast-enhanced echocardiography. <i>Canadian Journal of Anaesthesia</i> , <b>2006</b> , 53, 711-5	3	6
18	Inflammatory gene polymorphisms and risk of postoperative myocardial infarction after cardiac surgery. <i>Circulation</i> , <b>2006</b> , 114, 1275-81	16.7	86
17	Genetic polymorphisms and the risk of stroke after cardiac surgery. <i>Stroke</i> , <b>2005</b> , 36, 1854-8	6.7	74
16	Preoperative statin therapy does not reduce cognitive dysfunction after cardiopulmonary bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2005</b> , 19, 294-9	2.1	26

15	New paradigms in cardiovascular medicine: emerging technologies and practices: perioperative genomics. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 1965-77	15.1	48
14	APOE polymorphism is associated with risk of severe sepsis in surgical patients. <i>Critical Care Medicine</i> , <b>2005</b> , 33, 2521-6	1.4	70
13	Genetic factors contribute to bleeding after cardiac surgery. <i>Journal of Thrombosis and Haemostasis</i> , <b>2005</b> , 3, 1206-12	15.4	60
12	Association of genetic polymorphisms with risk of renal injury after coronary bypass graft surgery. <i>American Journal of Kidney Diseases</i> , <b>2005</b> , 45, 519-30	7.4	93
11	Differential cardiac gene expression during cardiopulmonary bypass: ischemia-independent upregulation of proinflammatory genes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2005</b> , 130, 330-9 <sup>1.5</sup>		25
10	The new age of medical genomics. <i>British Journal of Anaesthesia</i> , <b>2005</b> , 95, 119-21	5.4	2
9	Prophylaxis against postoperative atrial fibrillation: current progress and future directions. <i>JAMA - Journal of the American Medical Association</i> , <b>2005</b> , 294, 3140-2	27.4	8
8	Predictors of inotrope use during separation from cardiopulmonary bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2004</b> , 18, 404-8	2.1	40
7	The association of patent foramen ovale and atrial fibrillation after coronary artery bypass graft surgery. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 98, 585-9, table of contents	3.9	17
6	Quantitative echocardiographic assessment of regional wall motion and left ventricular asynchrony with color kinesis in cardiac surgery patients. <i>Anesthesia and Analgesia</i> , <b>2003</b> , 96, 1294-1300	3.9	4
5	Low serum magnesium level predicts major adverse cardiac events after coronary artery bypass graft surgery. <i>American Heart Journal</i> , <b>2003</b> , 145, 1108-13	4.9	40
4	Synchronous rhythmical vasomotion in the human cutaneous microvasculature during nonpulsatile cardiopulmonary bypass. <i>Anesthesiology</i> , <b>2002</b> , 97, 1110-7	4.3	19
3	Mitral Flow Propagation Velocity Identifies Patients with Abnormal Diastolic Function During Coronary Artery Bypass Graft Surgery. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 95, 524-530	3.9	33
2	Cardiac pharmacology39-47		
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