JiÅÃ- ManÄÃ¡k

List of Publications by Year
in descending order

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47	342	840728 11	940516 16
papers	citations	h-index	g-index

47	47	47	470
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The long pentraxin 3 in cardiac surgery: Distinct responses in â€œon-pumpâ€•and â€œoff-pumpâ€•patients. Scandinavian Cardiovascular Journal, 2007, 41, 171-179.	1.2	24
2	Impact of cardiopulmonary bypass on peripheral tissue metabolism and microvascular blood flow. Perfusion (United Kingdom), 2008, 23, 339-346.	1.0	23
3	Tissue and plasma concentrations of cephuroxime during cardiac surgery in cardiopulmonary bypass â€" a microdialysis study. Perfusion (United Kingdom), 2007, 22, 129-136.	1.0	22
4	Early Expression of Fc<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="E1"><mml:mi>Î³</mml:mi></mml:math>RI (CD64) on Monocytes of Cardiac Surgical Patients and Higher Density of Monocyte Anti-Inflammatory Scavenger CD163 Receptor in â€œOn-Pumpâ€•Patients. Mediators of Inflammation, 2008, 2008, 1-6.	3.0	20
5	Peripheral tissue metabolism during off-pump versus on-pump coronary artery bypass graft surgery: the microdialysis studyâ˜†. European Journal of Cardio-thoracic Surgery, 2008, 33, 899-905.	1.4	19
6	Neutrophil Apoptosis by Fas/FasL: Harmful or Advantageous in Cardiac Surgery?. Thoracic and Cardiovascular Surgeon, 2009, 57, 1-6.	1.0	17
7	No clear clinical benefit of using mini-invasive extracorporeal circulation in coronary artery bypass grafting in low-risk patients. Perfusion (United Kingdom), 2009, 24, 389-395.	1.0	17
8	Vascular Complications of the Intra-aortic Balloon Counterpulsation. Angiology, 2005, 56, 69-74.	1.8	15
9	Changes in metabolism and blood flow in peripheral tissue (skeletal muscle) during cardiac surgery with cardiopulmonary bypass: the biochemical microdialysis study. Perfusion (United Kingdom), 2004, 19, 53-63.	1.0	14
10	Expression of Tollâ€‘like receptors 2 and 4 on innate immunity cells modulated by cardiac surgical operation. Scandinavian Journal of Clinical and Laboratory Investigation, 2008, 68, 749-758.	1.2	12
11	The Effect of Conventional and Mini-Invasive Cardiopulmonary Bypass on Neutrophil Activation in Patients Undergoing Coronary Artery Bypass Grafting. Mediators of Inflammation, 2012, 2012, 1-8.	3.0	12
12	TISSUE AND PLASMA CONCENTRATIONS OF ANTIBIOTIC DURING CARDIAC SURGERY WITH CARDIOPULMONARY BYPASS - MICRODIALYSIS STUDY. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2008, 152, 139-145.	0.6	12
13	Impact of cardiac surgery on the expression of CD40, CD80, CD86 and HLA-DR on B cells and monocytes. Perfusion (United Kingdom), 2016, 31, 391-400.	1.0	11
14	Effects of conventional CPB and mini-CPB on neutrophils CD162, CD166 and CD195 expression. Perfusion (United Kingdom), 2017, 32, 141-150.	1.0	11
15	Expression of CD200/CD200R regulatory molecules on granulocytes and monocytes is modulated by cardiac surgical operation. Perfusion (United Kingdom), 2010, 25, 389-397.	1.0	10
16	Lipopolysaccharide Binding Protein and sCD14 are Not Produced as Acute Phase Proteins in Cardiac Surgery. Mediators of Inflammation, 2007, 2007, 1-6.	3.0	9
17	Serum level of sCD163, a soluble receptor for hemoglobin, is influenced by cardiac surgery. Perfusion (United Kingdom), 2009, 24, 263-269.	1.0	9
18	Coronary Subclavian Steal Syndrome Causing Acute Myocardial Infarction in a Patient Undergoing Coronary-Artery Bypass Grafting. Case Reports in Medicine, 2012, 2012, 1-4.	0.7	8

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19	The long pentraxin PTX3: a candidate anti-inflammatory mediator in cardiac surgery. Perfusion (United) Tj ETQq1 1 0.784314 rgBT /Over	1.0	8
20	Up-regulation of the Apo/Fas (CD95) complex on neutrophils harvested during cardiac surgery: distinct findings in patients operated on with or without the use of cardiopulmonary bypass. Perfusion (United Kingdom), 2010, 25, 41-46.	1.0	7
21	Combined surgical treatment of lung cancer and heart diseases. Bratislava Medical Journal, 2014, 115, 776-780.	0.8	5
22	Actual position of interleukin(IL)-33 in atherosclerosis and heart failure: Great Expectations or En attendant Godot?. Perfusion (United Kingdom), 2015, 30, 356-374.	1.0	5
23	Predictive value of systemic and local inflammation parameters in talc pleurodesis assessment. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2015, 159, 234-241.	0.6	5
24	Isolated Thoracic Aortitis. Journal of Cardiac Surgery, 2014, 29, 225-230.	0.7	4
25	Serum oxacillin and cephazolin levels during cardiopulmonary bypass. Perfusion (United Kingdom), 1992, 7, 115-118.	1.0	3
26	Direct oxymetric peripheral tissue perfusion monitoring during open heart surgery with the use of cardiopulmonary bypass: preliminary experience. Perfusion (United Kingdom), 2011, 26, 510-515.	1.0	3
27	Interferon gamma receptor expression on granulocytes of cardiac surgical patients is modulated differently by the type of cardiopulmonary bypass used. Perfusion (United Kingdom), 2012, 27, 49-55.	1.0	3
28	TLR2 in Pleural Fluid Is Modulated by Talc Particles during Pleurodesis. Clinical and Developmental Immunology, 2012, 2012, 1-7.	3.3	3
29	Broncho-Pleural Fistula Following Vacuum-Assisted Closure Therapy. Journal of Cardiac Surgery, 2013, 28, 397-398.	0.7	3
30	Could Pentraxin 3 Be a New Diagnostic Marker for Excessive Inflammatory Response in Cardiac Surgery?. Thoracic and Cardiovascular Surgeon, 2014, 62, 670-676.	1.0	3
31	Effective and rapid sealing of coronary, aortic and atrial suture lines. Interactive Cardiovascular and Thoracic Surgery, 2015, 20, 720-724.	1.1	3
32	TLR2 AND TLR4 EXPRESSION ON BLOOD MONOCYTES AND GRANULOCYTES OF CARDIAC SURGICAL PATIENTS IS NOT AFFECTED BY THE USE OF CARDIOPULMONARY BYPASS. Acta Medica (Hradec Kralove), 2013, 56, 57-66.	0.5	3
33	The dynamics of selected local inflammatory markers to talc in the treatment of malignant pleural effusions. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2013, 157, 311-315.	0.6	3
34	Mystery of pentraxin-3 not yet resolved: still a long way to its prime time in surgery. Nephrology Dialysis Transplantation, 2008, 24, 1064-1065.	0.7	2
35	Impact of methylprednisolone in priming solution of cardiopulmonary bypass on anti-inflammatory CD163 receptor during cardiac surgery. Perfusion (United Kingdom), 2012, 27, 284-291.	1.0	2
36	Inhibitory CD200R and proapoptotic CD95/CD95L molecules on innate immunity cells are modulated by cardiac surgery. Perfusion (United Kingdom), 2015, 30, 543-555.	1.0	2

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37	Pentraxin 3 and other inflammatory biomarkers related to atrial fibrillation in cardiac surgery. Perfusion (United Kingdom), 2017, 32, 269-278.	1.0	2
38	Expression of an Activated Form of Integrin Î²2 Chain CD18 in Cardiac Surgical Operations. Acta Medica (Hradec Kralove), 2007, 50, 187-193.	0.5	2
39	Surgical treatment of primary cardiac tumors: 20-year single center experience. Kardiochirurgia I Torakochirurgia Polska, 2022, 19, 36-40.	0.1	2
40	Expression of urokinase plasminogen activator receptor on monocytes and granulocytes is modulated by cardiac surgery. Perfusion (United Kingdom), 2011, 26, 115-121.	1.0	1
41	Penetrating Aortic Injury. Annals of Thoracic Surgery, 2014, 97, e119.	1.3	1
42	Lung Collapse during Mini-Thoracotomy Reduces Penetration of Cefuroxime to the Tissue: Interstitial Microdialysis Study in Animal Models. Surgical Infections, 2021, 22, 283-291.	1.4	1
43	Peripheral tissue oxygenation during standard CPB and miniaturized CPB (direct oxymetric tissue) Tj ETQq1 1 0.784314 rgBT /Overlock Palacký, Olomouc, Czechoslovakia, 2013, 157, 81-89.	0.6	1
44	Unusual cause of chest pain: a â€œsouvenirâ€•from the past. Asian Cardiovascular and Thoracic Annals, 2012, 20, 607-607.	0.5	0
45	Perspective in predicting the effect of pleurodesis in the treatment of malignant pleural effusions. Bratislava Medical Journal, 2015, 116, 285-288.	0.8	0
46	New haemostat in thoracic surgery. Bratislava Medical Journal, 2015, 116, 506-508.	0.8	0
47	New biomarkers in the selection of patients for talcage of pleural cavity in the palliative therapy of malign pleural exudate. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2015, 159, 576-581.	0.6	0