

Prof. Alessandro Parolari

English CV - 2019

Name: Alessandro Parolari

Title: M.D. Ph.D.

Born Oct. 7th, 1964

Position:

- Associate Professor of Cardiac Surgery, Dept. of Biomedical Sciences for Health, University of Milano
- Chief, Unit of Cardiac Surgery and Translational Research, Policlinico San Donato IRCCS
- Scientific Secretary, Italian Society for Cardiac Surgery (currently serving the fourth two-years term)
- Chairman of the board of directors, Foundation “Cuore Domani – SICCH research” (this is the Foudation of the Italian Society for Cardiac Surgery)

Education/training

Institution and location	Degree	Years	Field of study
University of Parma School of Medicine	MD	6 (1982-1988)	Medicine graduation
University of Milan		5 (1988-1993)	Residency in cardiac surgery
University of Modena and Reggio Emilia	PhD	4 (1993-1997)	PhD in Cardiothoracic Surgical Pathophysiology
Cleveland Clinic Foundation, Cleveland, OH		1 (1997-1998)	Clinical fellowship, adult cardiac surgery

Positions and honors

1993-2004: Junior Staff, Cardiac Surgery Dept., Centro Cardiologico Monzino I.R.C.C.S., Milano.

2004-2014: Senior Staff, Cardiac Surgery Dept., Centro Cardiologico Monzino I.R.C.C.S., Milano.

2006-2014: Assistant Professor of Cardiac Surgery, University of Milano.

2007-2014: Head, Clinical Research Unit in Atherothrombosis, Centro Cardiologico Monzino I.R.C.C.S., Milano.

2008-2011: Assistant Professor of Cardiac Surgery, University of Sassari (tenure).

2011-now: Member of the Council of the Italian Society of Cardiac Surgery

2013-now: Scientific Secretary (third consecutive 2-yrs term) of the Italian Society of Cardiac Surgery

2015-now: Associate Professor of Cardiac Surgery, University of Milano

2015-now: Chief, Unit of Cardiac Surgery and Translational Research, Policlinico San Donato IRCCS, San Donato Milanese (MI)

Curriculum Vitae and studiorum

1988: MD degree summa cum laude, University of Parma.

1993: Specialty (Residency) in Cardiac Surgery, summa cum laude, University of Milano.

1993-2004: Junior Staff, Cardiac Surgery Dept., Centro Cardiologico Monzino I.R.C.C.S., Milano.

1994-5: Step 1,2 and English test, United States Medical Licensing Examination.

1997-1998: Clinical Fellow, Dept. of Cardio-Thoracic Surgery, Cleveland Clinic Foundation, Cleveland, OH.

1998-2015: Research Coordinator, Cardiac Surgery Dept., Centro Cardiologico Monzino I.R.C.C.S., Milano.

1999: Ph. D. in Cardiothoracic Surgical Pathophysiology, University of Modena and Reggio Emilia.

2001-2015: member of Scientific Committee and of Scientific Direction Coordination Committee, Centro Cardiologico Monzino I.R.C.C.S., Milano.

2003-now: member of Scientific Committee of the Center for Pharmacological Research and for the Study and Prevention of Cardiovascular Diseases, University of Milano

2004-2015: Senior Staff, Cardiac Surgery Dept., Centro Cardiologico Monzino I.R.C.C.S., Milano.

2006-2015: Assistant Professor of Cardiac Surgery, University of Milano.

2007-2015: Head, Clinical Research Unit in Atherothrombosis, Centro Cardiologico Monzino I.R.C.C.S., Milano.

2008-2015: Assistant Professor of Cardiac Surgery, University of Sassari.

2011-now: Member of the Council of the Italian Society of Cardiac Surgery

2013-now: Scientific Secretary (third consecutive 2-yrs term) of the Italian Society of Cardiac Surgery

2015-now: Associate Professor of Cardiac Surgery, University of Milano

2015-now: Chief, Unit of Cardiac Surgery and Translational Research, Policlinico San Donato IRCCS, San Donato Milanese (MI)

2015-now: member of the Working Group on Cardiovascular Surgery and of the Working Group on Valvular Heart Disease of the European Society of Cardiology

2016-now: member of Scientific Committee and of Scientific Direction Coordination Committee, Policlinico San Donato I.R.C.C.S., San Donato Milanese (MI).

2016-now: member of the Nucleus of the Working Group on Cardiovascular Surgery of the European Society of Cardiology

March 2017-now: Visiting Professor, Medizinische Universität, Innsbruck, Austria.

March 2017-now: Chairman of the board of directors, Foundation "Cuore domani – SICCH research" (this is the Foundation of the Italian Society for Cardiac Surgery)

Research and clinical experience.

A great part of the research activity of Prof. Alessandro Parolari has been devoted to the study of translational cardiovascular surgery (see references A5, A7, A18, A19, A23, A33, A34, A35, A37, A42, A44, A46, A48, A53, A54, A57, A60-64, A69, A76, A80, A82, A84, A87, A89-91, A93-97, A100, A102-4, A109, A112, A113, A116, A123, A124, A127, A130, A131, A133, A138, A143-6). He has studied several aspects of myocardial revascularization (see references A5, A7, A11, A12, A14, A17, A25, A26, A33, A28, A37, A41, A43, A44, A48, A49, A54, A56, A57, A59, A63, A69, A70, A72, A75, A79, A80, A83, A85, A88, A89, A91, A93, A101, A106, A116, A128, A131, A133-135, A137, A141), mainly focusing on the biological effect of coronary surgical revascularization concerning bleeding, haemostasis, inflammation, oxidative stress and endothelial damage. In particular he has been interested by the role of surgical trauma and/or

extracorporeal circulation on the activation of the haemostatic-thrombotic/inflammatory systems occurring during and persisting several weeks after coronary artery bypass. He could demonstrate that, when extracorporeal circulation is avoided (off-pump coronary surgery), the activation of the above mentioned parameters still occurs, but is slightly delayed with respect to the use of the extracorporeal circulation (on-pump). Moreover, he unequivocally demonstrated that the activation is protracted in the postoperative period for at least one month, independently from the revascularization strategy used. Recently he has turned his scientific interests towards the study of molecular mechanisms of valve (aortic and mitral) and of thoracic aortic diseases. He has also strong expertise in the evaluation of data with the use of advanced statistical models (see references A4, A6, A8, A10, A13, A17, A29, A32, A43, A59, A71, A75, A83, A85, A88, A90, A92, A107, A111, A114, A115, A118, A121, A128, A132, A135, A142). By the use of this methodology he has published a variety of meta-analysis on cardiac surgical outcomes, especially concerning different surgical techniques in coronary bypass surgery and in the treatment of left ventricular aneurysms.

Alessandro Parolari has led more than 2700 cardiac surgical procedures as first operator (he started as first operator in 1998). He has also contributed to the postgraduate education of residents and of surgeons.

Total number of peer-reviewed publications (with an impact factor): 164.

Total impact Factor: 693.

Average Impact Factor: 4.2

h-Index (Scopus, april 2019) = 34

Citations (Scopus, april 2019) = 3559

EDITORIAL ACTIVITY

October 2015 – now: Academic Editor, PLOS ONE, Public Library of Science, Cambridge, UK, and San Francisco, CA, USA.

March 2014 – now: Deputy Editor (Cardiac Surgery), Journal of Cardiovascular Medicine, Wolters Kluwer Health, Lippincott William & Wilkins co.

January 2014 – now: Editorial Board member, Giornale Italiano di Cardiologia, Il Pensiero Scientifico Editore.

January 2012 – now: Editorial Board member, ISRN Surgery, Hindawi Publishing Co.

Reviewer Activity: Annals of Thoracic Surgery (2000-2016), European Journal of Cardio-Thoracic Surgery (2001-2016), Journal of Vascular Research (2002), Clinical Medicine & Research (2004), Circulation (2004-2014), Expert Review of Cardiovascular Therapy (2005), Thrombosis Research (2006), Journal of Cardiovascular Medicine (2006-2016), Tohoku Journal of Experimental Medicine (2007), International Journal of Cardiology (2008-2015), Thrombosis and Hemostasis (2008), American Journal of Cardiology (2009-2015), European Heart Journal (2009-2015), Circulation: Cardiovascular Quality and Outcomes (2011), Journal of Cellular Physiology (2011), Inflammation (2012), Canadian Journal of Cardiology (2012-15), Journal of Heart Valve Disease (2012), PLOS ONE (2015-2016).

Memberships

Since 1995: Italian Society of Cardiac Surgery

Since 2001: Society of Thoracic Surgeons (International Member).

Since 2008: European Society for Cardio-Thoracic Surgery

Since 2013: American Association for Thoracic Surgery

PAPERS WITH AN IMPACT FACTOR

- A1. Agrifoglio M, Parolari A, Spirito R, Polvani GL, Biglioli P. Abdominal aortic aneurysm in chronic thoracic dissection. Report of two cases. *J Cardiovasc Surg* 1991; 32:2015. (ISSN 00219509)
I.F. 0.476
- A2. Biglioli P, Spirito R, Agrifoglio M, Parolari A, Pompilio G, Alamanni F. Two cases of staged replacement of the thoracic aorta using the "elephant trunk" technique. *Cardiovasc Surg* 1993; 1:647. (ISSN 09672109)
I.F. 0.862
- A3. Arena V, Gerometta PS, Pompilio G, Zanobini M, Parolari A, Antona C, Polvani GL, Susini G, Biglioli P. Preoperative management and surgical therapy in complicated acute infective endocarditis: a 5year experience. *Cardiovasc Surg* 1993; 1:41925. (ISSN 09672109)
I.F. 0.862
- A4. Biglioli P, Di Matteo S, Parolari A, Antona C, Arena V, Sala A. Reoperative cardiac valve surgery: a multivariable analysis of risk factors. *Cardiovasc Surg* 1994; 2:21622. (ISSN 09672109)
I.F. 0.862 (attribuito I.F. anno 2000)
- A5. Sala A, Rona P, Pompilio G, Parolari A, Antona C, Biglioli P, Rossoni G, Villa LM, Berti F. Prostacyclin production by different human grafts employed in coronary operations. *Ann Thorac Surg* 1994; 57:114750. (ISSN 00034975)
I.F. 1.651
- A6. Parolari A, Antona C, Gerometta P, Alamanni F, Spirito R, Arena V, Sala A, Biglioli P. The effect of "high dose" aprotinin and other factors on bleeding and reoperations in adult coronary and valve operations: an analysis of 2190 patients during a fiveyear period (19871991). *Eur J Cardiothorac Surg* 1995; 9:7782. (ISSN 10107940)
I.F. 0.590
- A7. Mannucci L, Gerometta PS, Mussoni L, Antona C, Parolari A, Salvi L, Biglioli P, Tremoli E. One month followup of haemostatic variables in patients undergoing aortocoronary bypass surgery. *Thromb Haemost* 1995; 73:35661. (ISSN: 03406245)
I.F. 4.464
- A8. Parolari A, Antona C, Rona P, Gerometta P, Huang F, Alamanni F, Arena V, Biglioli P. The effect of multiple blood conservation techniques on donor blood exposure in adult coronary and valve surgery performed with a membrane oxygenator: a multivariate analysis on 1310 patients. *J Card Surg* 1995; 10:22735. (ISSN 08860440)
I.F. 0.552
- A9. Biglioli P, Spirito R, Roberto M, Parolari A, Agrifoglio M, Pompilio G, Arena V. False hydatidic aneurysm of the thoracic aorta. *Ann Thorac Surg* 1995; 59:5245. (ISSN 00034975)
I.F. 1.568

- A10. Biglioli P, Sala A, Spirito R, Parolari A, Agrifoglio M, Alamanni F, Huang F, Gerometta P, Arena V. Composite valve graft replacement of the ascending aorta and of the aortic valve by a modified button technique: the influence of aortic pathology on early mortality and late survival. *Eur J Cardiothorac Surg* 1995; 9:48390. (ISSN 10107940)
I.F. 0.590
- A11. Antona C, Parolari A, Zanobini M, Arena V, Biglioli P. Midterm angiographic study of five recycled mammary arteries during four coronary redos. *Ann Thorac Surg* 1996; 61:7025. (ISSN 00034975)
I.F. 1.861
- A12. Antona C, Parolari A, Biglioli P. Reply to: "Recycling of mammary arteries". *Ann Thorac Surg* 1996;62:948. (ISSN 00034975)
I.F. 1.861
- A13. Parolari A, Antona C, Alamanni F, Spirito R, Naliato M, Gerometta P, Sala A, Biglioli P. Aprotinin and deep hypothermic circulatory arrest: there are no benefits even when appropriate amounts of heparin are given. *Eur J Cardiothorac Surg* 1997;11:14956. (ISSN 10107940)
I.F. 0.857
- A14. Agrifoglio M, Di Matteo S, Parolari A, Naliato M, Antona C, Alamanni F, Biglioli P. Noninvasive evaluation of right gastroepiploic artery with colour Doppler echography. *Cardiovasc Surg* 1997; 5:30914. (ISSN 09672109)
I.F. 0.862 (attribuito I.F. anno 2000)
- A15. Biglioli P, Parolari A, Spirito R, Musumeci S, Agrifoglio M, Alamanni F, Antona C, Camilleri L, Sala A. Early and late results of ascending aorta surgery: risk factors for early and late outcome. *World J Surg* 1997;21:5908. (ISSN 03642313)
I.F. 2.077
- A16. Biglioli P, Spirito R, Agrifoglio M, Pompilio G, Parolari A, Dainese L, Arena V, Sala A. Surgery of descending thoracic aortic aneurysms with centrifugal pump support. *Cardiovasc Surg* 1997; 5:99103. (ISSN 09672109)
I.F. 0.862 (attribuito I.F. anno 2000)
- A17. Antona C, Zanobini M, Lotto AA, Parolari A, Alamanni F, Biglioli P. Midterm followup of 183 arterial myocardial revascularization procedures. *Eur J Cardiothorac Surg* 1997;11:1408. (ISSN 10107940)
I.F. 0.857
- A18. Parolari A, Sala R, Antona C, Bussolati O, Alamanni F, Mezzadri P, Dall'Asta V, Gazzola GC, Biglioli P. Hypertonicity induces injury to cultured human endothelium: attenuation by glutamine. *Ann Thorac Surg* 1997;64:17705. (ISSN 00034975)
I.F. 2.053
- A19. Parolari A, Alamanni F, Gherli T, Salis S, Spirito R, Foieni F, Rossi F, Bertera A, Oddono P, Biglioli P. "Highdose" aprotinin and heparincoated circuits: clinical efficacy and inflammatory response. *Cardiovasc Surg* 1999;7:11727. (ISSN 09672109)

I.F. 0.862 (attribuito I.F. anno 2000)

A20. Dall'Asta V, Bussolati O, Sala R, Parolari A, Alamanni F, Biglioli P, Gazzola GC. Amino acids are compatible osmolytes for volume recovery after hypertonic shrinkage in vascular endothelial cells. *Am J Physiol* 1999;276(4 Pt 1):C86572. (ISSN 03636143)

I.F. 3.485

A21. Parolari A, Alamanni F, Gherli T, Bertera A, Dainese L, Costa C, Schena M, Sisillo E, Spirito R, Porqueddu M, Rona P, Biglioli P. Cardiopulmonary bypass and oxygen consumption: oxygen delivery and hemodynamics. *Ann Thorac Surg* 1999;67:13207. (ISSN 00034975)

I.F. 2.022

A22. Biglioli P, Spirito R, Porqueddu M, Agrifoglio M, Pompilio G, Parolari A, Dainese L, Sisillo E. Quick, simple clamping technique in descending thoracic aortic aneurysm repair. *Ann Thorac Surg* 1999;67:103843. (ISSN 00034975)

I.F. 2.022

A23. Parolari A, Guarnieri D, Alamanni F, Toscano T, Tantalò V, Gherli T, Colli S, Foini F, Franzè V, Stanghellini M, Gianotti GA, Biglioli P, Tremoli E. Platelet function and anesthetics in cardiac surgery: an in vitro and ex vivo study. *Anesth Analg* 1999;89:2631. (ISSN 00032999)

I.F. 2.509

A24. Biglioli P, Spirito R, Roberto M, Grillo F, Cannata A, Parolari A, Maggioni M, Coggi G. The anterior spinal artery: the main arterial supply of the human spinal cord - a preliminary anatomic study. *J Thorac Cardiovasc Surg* 2000;119:3769. (ISSN 00225223)

I.F. 3.057

A25. Fusari M, Parolari A, Agostinelli A, Spirito R, Rubini P, Esposito G, Alamanni F, Biglioli P. Coronary and major vascular disease: aggressive screening and priority-based therapy. *Cardiovasc Surg* 2000;8:2230. (ISSN 09672109)

I.F. 0.862

A26. Parolari A, Rubini P, Alamanni F, Cannata A, Xin W, Gherli T, Polvani GL, Toscano T, Zanobini M, Biglioli P. The radial artery: which place in coronary operation? *Ann Thorac Surg* 2000;69:128894. (ISSN 00034975)

I.F. 1.894

A27. Alamanni F, Parolari A, Rubini P, Biglioli P. Reply to: "Is it justified to disregard the Bohr effect during alpha-stat hypothermia?" *Ann Thorac Surg* 2000;69:9745. (ISSN 00034975)

I.F. 1.894

A28. Biglioli P, Antona C, Alamanni F, Parolari A, Toscano T, Pompilio G, Polvani G. Minimally invasive direct coronary artery bypass grafting: midterm results and quality of life. *Ann Thorac Surg* 2000;70:45660. (ISSN 00034975)

I.F. 1.894

- A29. Parolari A, Alamanni F, Naliato M, Spirito R, Franze V, Pompilio G, Agrifoglio M, Biglioli P. Adult cardiac surgery outcomes: role of the pump type. *Eur J Cardiothorac Surg* 2000;18:57582. (ISSN 10107940)
I.F. 1.134
- A30. Sironi L, Calvio AM, Arnaboldi L, Corsini A, Parolari A, de Gasparo M, Tremoli E, Mussoni L. Effect of valsartan on angiotensin II-induced plasminogen activator inhibitor1 biosynthesis in arterial smooth muscle cells. *Hypertension* 2001;37:9616. (ISSN 0194911X)
I.F. 5.364
- A31. Alamanni F, Fumero A, Parolari A, Trabattoni P, Cannata A, Berti G, Biglioli P. Sutureless doublepatchandglue technique for repair of subacute left ventricular wall rupture after myocardial infarction. *J Thorac Cardiovasc Surg* 2001;122:8367. (ISSN 00225223)
I.F. 2.818
- A32. Spirito R, Pompilio G, Alamanni F, Agrifoglio M, Dainese L, Parolari A, Reali M, Grillo F, Fusari M, Biglioli P. A preoperative index of mortality for patients undergoing surgery of type A aortic dissection. *J Cardiovasc Surg* 2001; 42:51724. (ISSN 09672109)
I.F. 0.550
- A33. Parolari A, Rubini P, Cannata A, Bonati L, Alamanni F, Tremoli E, Biglioli P. Endothelial damage during myocardial preservation and storage. *Ann Thorac Surg* 2002;73:68290. (ISSN 00034975)
I.F. 2.052
- A34. Sala R, Rotoli BM, Colla E, Visigalli R, Parolari A, Bussolati O, Gazzola GC, Dall'Asta V. Twoway arginine transport in human endothelial cells: TNFalpha stimulation is restricted to system gamma(+). *Am J Physiol (Cell Physiol)*, 2002;282:C134C143. (ISSN 03636143)
I.F. 3.936
- A35. Alamanni F, Parolari A, Visigalli R, Bussolati O, Rubini P, Sala R, Bonati L, Gazzola GC, Biglioli P, Dall'Asta V. Endothelial cell injury induced by preservation solutions: a confocal microscopy study. *Ann Thorac Surg* 2002;73:160614. (ISSN 00034975) *N.B.: in questo lavoro i primi due Autori hanno contribuito in modo uguale al lavoro medesimo, così come riportato nella prima pagina del lavoro.*
I.F. 2.052
- A36. Montorsi P, Cavoretto D, Parolari A, Muratori M, Alimento M, Pepi M. Diagnosing prosthetic mitral valve thrombosis and the effect of the type of prosthesis. *Am J Cardiol* 2002;90:736. (ISSN 00029149)
I.F. 2.327
- A37. Polvani G, Marino MR, Roberto M, Dainese L, Parolari A, Pompilio G, Di Matteo S, Fumero A, Cannata A, Barili F, Biglioli P. Acute effects of 17betaestradiol on left internal mammary graft after coronary artery bypass grafting. *Ann Thorac Surg* 2002;74:6959. (ISSN 00034975)
I.F. 2.052
- A38. Biglioli P, Roberto M, Cannata A, Parolari A, Spirito R. Paraplegia after iatrogenic extrinsic spinal cord compression after descending thoracic aorta repair: case report and literature review. *J Thorac Cardiovasc Surg* 2002;124:40710. (ISSN 00225223)

I.F. 2.842

A39. Alamanni F, Parolari A, Biglioli P. Subacute left ventricular rupture complicated by free wall rupture: Repair with a TachoComb sheet and Tissucol glue Reply. *J Thorac Cardiovasc Surg* 2002;123:10156. (ISSN 00225223)

I.F. 2.842

A40. Porqueddu M, Spirito R, Parolari A, Zanobini M, Pompilio G, Polvani G, Alamanni F, Stangalini D, Tremoli E, Biglioli P. Lack of association between serum immunoreactivity and Chlamydia pneumoniae detection in the human aortic wall. *Circulation*. 2002;106:26478. (ISSN 00097322)

I.F. 10.255

A41. Alamanni F, Pompilio G, Polvani G, Agrifoglio M, Zanobini M, Parolari A, Cannata A, Biglioli P. Offpump redo coronary artery bypass grafting: technical aspects and early results. *Heart Surg Forum* 2002; 5 (Suppl 4):S43244. (ISSN 10983511)

I.F. 1.058

A42. Parolari A, Colli S, Mussoni L, Eligini S, Naliato M, Wang X, Gandini S, Tremoli E, Biglioli P, Alamanni F. Coagulation and fibrinolytic markers in a twomonth followup of coronary bypass surgery. *J Thorac Cardiovasc Surg* 2003;125:33643. (ISSN 00225223)

I.F. 3.319

A43. Parolari A, Alamanni F, Cannata A, Naliato M, Bonati L, Rubini P, Veglia F, Tremoli E, Biglioli P. Offpump versus onpump coronary artery bypass: metaanalysis of currently available randomized trials. *Ann Thorac Surg* 2003;76:3740. (ISSN 00034975)

I.F. 2.041

A44. Biglioli P, Cannata A, Alamanni F, Naliato M, Porqueddu M, Zanobini M, Tremoli E, Parolari A. Biological effects of offpump vs. onpump coronary artery surgery: focus on inflammation, hemostasis and oxidative stress. *Eur J Cardiothorac Surg* 2003;24:2609. (ISSN 10107940)

I.F. 1.465

A45. Bonati L, Rubini P, Japichino GG, Parolari A, Contini S, Zinicola R, Fusari M, Biglioli P. Longterm outcome after inflammatory abdominal aortic aneurysm repair: casematched study. *World J Surg* 2003;27:53944. (ISSN 03642313)

I.F. 1.909

A46. Camera M, Frigerio M, Toschi V, Brambilla M, Rossi F, Cottell DC, Maderna P, Parolari A, Bonzi R, De Vincenti O, Tremoli E. Platelet activation induces cell surface immunoreactive tissue factor expression, which is modulated differently by antiplatelet drugs. *Arterioscler Thromb Vasc Biol* 2003;23:16906. (ISSN 10795642)

I.F. 6.791

A47. Parolari A, Alamanni F, Juliano G, Polvani G, Roberto M, Veglia F, Fumero A, Carlucci C, Rona P, Brambillasca C, Sisillo E, Biglioli P. Oxygen metabolism during and after cardiac surgery: role of CPB. *Ann Thorac Surg* 2003;76:73743. (ISSN 00034975)

I.F. 2.041

- A48. Werba JP, Tremoli E, Massironi P, Camera M, Cannata A, Alamanni F, Biglioli P, Parolari A. Statins in coronary bypass surgery: rationale and clinical use. *Ann Thorac Surg* 2003;76:213240. (ISSN 00034975)
I.F. 2.041
- A49. Parolari A, Biglioli P, Alamanni F. Improved early outcomes after OPCAB: when will the final answer come? *Circulation* 2004;109:e181. (ISSN 15244539)
I.F. 12.563
- A50. Biglioli P, Roberto M, Cannata A, Parolari A, Fumero A, Grillo F, Maggioni M, Coggi G, Spirito R. Upper and lower spinal cord blood supply: the continuity of the anterior spinal artery and the relevance of the lumbar arteries. *J Thorac Cardiovasc Surg* 2004;127:118892. (ISSN 00225223)
I.F. 3.263
- A51. Bonati L, Rubini P, Parolari A, Contini S. Reply to Tambyraja et al. *World J Surg* 2004;28:220. (ISSN 03642313)
I.F. 1.952
- A52. Biglioli P, Spampinato N, Cannata A, Musumeci A, Parolari A, Gagliardi C, Alamanni F. Longterm outcomes of the CarpentierEdwards pericardial valve prosthesis in the aortic position: effect of patient age. *J Heart Valve Dis* 2004;13(Suppl 1):S4951. (ISSN 09668519)
I.F. 1.285
- A53. Visigalli R, Bussolati O, Sala R, Barilli A, Rotoli BM, Parolari A, Alamanni F, Gazzola GC, Dall'Asta V. The stimulation of arginine transport by TNFalpha in human endothelial cells depends on NFkappaB activation. *Biochim Biophys Acta (BBABiomembranes)* 2004; 1664:4552. (ISSN 00052736)
I.F. 3.441
- A54. Alamanni F, Parolari A, Repossini A, Doria E, Bortone F, Campolo J, Pepi M, Sisillo E, Naliato M, Bigi R, Biglioli P, Parodi O. Coronary blood flow, metabolism and function in dysfunctional viable myocardium before and early after surgical revascularization. *Heart* 2004;90:12918. (ISSN 13556037)
I.F. 3.271
- A55. Cannata A, Biglioli P, Tremoli E, Parolari A. Biological effects of coronary surgery: role of surgical trauma and CPB. *Eur J Cardiothorac Surg* 2004;26:664. (ISSN 10107940)
I.F. 1.616
- A56. Agrifoglio M, Dainese L, Pasotti S, Galanti A, Cannata A, Roberto M, Parolari A, Biglioli P. Preoperative assessment of the radial artery for coronary artery bypass grafting: is the clinical Allen test adequate? *Ann Thorac Surg* 2005;79:5702. (ISSN 00034975)
I.F. 2. 229
- A57. Parolari A, Mussoni L, Frigerio M, Naliato M, Alamanni F, Galanti A, Fiore G, Veglia F, Tremoli E, Biglioli P, Camera M. Increased prothrombotic state lasting as long as one month after onpump and offpump coronary surgery. *J Thorac Cardiovasc Surg* 2005;130:303308. (ISSN 00225223)
I.F. 3.727

A58. Nussmeier NA, Whelton AA, Brown MT, Langford RM, Hoeft A, Parlow JL, Boyce SW, Verburg KM. Complications of the COX2 inhibitors parecoxib and valdecoxib after cardiac surgery. *N Engl J Med* 2005;352:108191. Come membro del CABG Surgery Study. (ISSN 00284793)

I.F. 44.016

A59. Parolari A, Alamanni F, Polvani G, Agrifoglio M, Chen YB, Kassem S, Veglia F, Tremoli E, Biglioli P. Metaanalysis of randomized trials comparing offpump with onpump coronary bypass graft patency. *Ann Thorac Surg* 2005;80:21212125. (ISSN 00034975)

I.F. 2. 229

A60. Mannucci PM, Parolari A, Canciani MT, Alemanni F, Camera M. Opposite changes of ADAMTS13 and von Willebrand factor after cardiac surgery. *J Thromb Haemost* 2005;3:3979. (ISSN 15387933)

I.F. 5.262

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