



Publikacje pracowników Instytutu Kardiologii w czasopismach z IF w 2009 r.

1. APPRAISE Steering Committee and Investigators, Alexander JH, Becker RC, Bhatt DL, Cools F, Crea F, Dellborg M, Fox KA, Goodman SG, Harrington RA, Huber K, Husted S, Lewis BS, Lopez-Sendon J, Mohan P, Montalescot G, Ruda M, Ruzyllo W, Verheugt F, Wallentin L.: Apixaban, an oral, direct, selective factor Xa inhibitor, in combination with antiplatelet therapy after acute coronary syndrome: results of the Apixaban for Prevention of Acute Ischemic and Safety Events (APPRAISE) trial. *Circulation*. 2009; 119(22): 2877-2885. (IF=14.816; MNiSW=32)
2. Asplund K, Karvanen J, Giampaoli S, Jousilahti P, Niemela M, Broda G, Cesana G, Dallongeville J, Ducimetriere P, Evans A, Ferrieres J, Haas B, Jorgensen T, Tamosiunas A, Vanuzzo D, Wiklund PG, Yarnell J, Kuulasmaa K, Kulathinal S, MORGAM Project.: Relative risks for stroke by age, sex, and population based on follow-up of 18 European populations in the MORGAM Project. *Stroke*. 2009; 40(7): 2319-2326. (IF=7.041; MNiSW=32)
3. Baraniak A, Izdebski R, Herda M, Fielt J, Hryniewicz W, Gniadkowski M, Kern-Zdanowicz I, Filczak K, Lopaciuk U.: Emergence of *Klebsiella pneumoniae* ST258 with KPC-2 in Poland. *Antimicrob Agents Chemother*. 2009; 53(10): 4565-4567. (IF=4.802; MNiSW=32)
4. Bilinska M, Wolszakiewicz J, Duda M, Janas J, Beresewicz A, Piotrowicz R.: Antioxidative activity of sulodexide, a glycosaminoglycan, in patients with stable coronary artery disease: A pilot study. *Med Sci Monit*. 2009; 15(12): CR618-623. (IF=1.543; MNiSW=20)
5. Brydak LB, Romanowska M, Nowak I, Ciszewski A, Bilinska ZT.: Antibody response to influenza vaccine in coronary artery disease: A substudy of the FLUCAD study. *Med Sci Monit*. 2009; 15(7): PH85-91. (IF=1.543; MNiSW=20)
6. Buchner T, Petelczyc M, Zebrowski JJ, Prejbisz A, Kabat M, Januszewicz A, Piotrowska AJ, Szelenberger W.: On the nature of heart rate variability in a breathing normal subject: a stochastic process analysis. *Chaos*. 2009; 19(2): 028504. (IF=1.795; MNiSW=32)
7. Buller CE, Rankin JM, Carere RG, Buszman PE, Pfisterer ME, Dzavik V, Thomas B, Forman S, Ruzyllo W, Mancini GB, Michalis LK, Abreu PF, Lamas GA, Hochman JS.: Percutaneous coronary intervention in the Occluded Artery Trial: procedural success, hazard, and outcomes over 5 years. *Am Heart J*. 2009; 158(3): 408-415. (IF=4.357; MNiSW=32)
8. Cantor WJ, Baptista SB, Srinivas VS, Pearte CA, Menon V, Sadowski Z, Ross JR, Meciari P, Nikolsky E, Forman SA, Lamas GA, Hochman JS.: Impact of stress testing before percutaneous coronary intervention or medical management on outcomes of patients with persistent total occlusion after myocardial infarction: analysis from the occluded artery trial. *Am Heart J*. 2009; 157(4): 666-672. (IF=4.357; MNiSW=32)
9. Cleland JG, McMurray JJ, Kjekshus J, Cornel JH, Dunselman P, Fonseca C, Hjalmarson A, Korewicki J, Lindberg M, Ranjith N, van Veldhuisen DJ, Waagstein F, Wedel H, Wikstrand J, CORONA Study Group.: Plasma concentration of amino-terminal pro-brain natriuretic peptide in chronic heart failure: prediction of cardiovascular events and interaction with the effects of rosuvastatin: a report from CORONA (Controlled Rosuvastatin Multinational Trial in Heart Failure). *J Am Coll Cardiol*. 2009; 54(20): 1850-1859. (IF=12.640; MNiSW=32)
10. Dabrowski R, Sosnowski C, Michalak E, Szwed H.: A beneficial effect of 3-year spironolactone therapy supplementing atenolol therapy on the remodeling of atria and ventricles in a patient with permanent atrial fibrillation. *Intern Emerg Med*. 2009; 4(2): 171-173. (IF=2.371)

11. Derejko P, Szumowski LJ, Sanders P, Dimitri H, Kuklik P, Przybylski A, Urbanek P, Szufladowicz E, Bodalski R, Sacher F, Haissaguerre M, Walczak F.: Clinical validation and comparison of alternative methods for evaluation of entrainment mapping. *J Cardiovasc Electrophysiol.* 2009; 20(7): 741-748. (IF=3.703; MNiSW=32)
12. Drygas W, Kwasniewska M, Kaleta D, Pikala M, Bielecki W, Gluszek J, Zdrojewski T, Pajak A, Kozakiewicz K, Broda G.: Epidemiology of physical inactivity in Poland: prevalence and determinants in a former communist country in socioeconomic transition. *Public Health.* 2009; 123(9): 592-597. (IF=1.261; MNiSW=20)
13. Dyk W, Konka M.: Images in cardiothoracic surgery. Unusual complication of aortic valve grape-like myxoma. *Ann Thorac Surg.* 2009; 88(3): 1022. (IF=3.644; MNiSW=32)
14. Dzielinska Z, Prejbisz A, Makowiecka-Ciesla M, Januszewicz A, Tyczynski P, Demkow M, Zielinski T, Kadziela J, Florczyk E, Ruzyllo W.: The 24-h blood pressure measurement may predict mortality and cardiovascular events in hypertensive patients with coronary artery disease. *Blood Press Monit.* 2009; 14(3): 99-102. (IF=1.163; MNiSW=20)
15. Erlic Z, Rybicki L, Peczkowska M, Golcher H, Kann PH, Brauckhoff M, Mussig K, Muresan M, Schaffler A, Reisch N, Schott M, Fassnacht M, Opocher G, Klose S, Fottner C, Forrer F, Plockinger U, Petersenn S, Zabolotny D, Kollukch O, Yaremchuk S, Januszewicz A, Walz MK, Eng C, Neumann HP, European-American Pheochromocytoma Study Group.: Clinical predictors and algorithm for the genetic diagnosis of pheochromocytoma patients. *Clin Cancer Res.* 2009; 15(20): 6378-6385. (IF=6.747; MNiSW=32)
16. Florczyk E, Januszewicz M, Januszewicz A, Prejbisz A, Kaczmarska M, Michalowska I, Kabat M, Rywik T, Rynkun D, Zielinski T, Kusmierczyk-Droszcz B, Pregowska-Chwala B, Kowalewski G, Hoffman P.: Relationship between renal resistive index and early target organ damage in patients with never treated essential hypertension. *Blood Press.* 2009; 18(1): 55-61. (IF=1.773; MNiSW=20)
17. Hoffman P, Kordybach M, Rozanski J, Kusmierczyk M, Kowalski M.: Anterior leaflet on the leash: unusual cause of congenital severe mitral regurgitation. *Eur J Echocardiogr.* 2009; 10(4): 567-568. (IF=1.476; MNiSW=20)
18. Hoffman P, Szymanski P, Lubiszewska B, Rozanski J, Lipczynska M, Klisiewicz A.: Crisscross hearts in adults: echocardiographic evaluation and natural history. *J Am Soc Echocardiogr.* 2009; 22(2): 134-140. (IF=2.981; MNiSW=27)
19. Jegier A, Szmigielska K, Bilinska M, Brodowski L, Galaszek M, Mrozek P, Olszewska B, Piotrowski W, Przywarska I, Rybicki J, Zielinska D.: Health-Related Quality of Life in Patients With Coronary Heart Disease After Residential vs Ambulatory Cardiac Rehabilitation. *Circ J.* 2009; 73(3): 476-483. (IF=2.692; MNiSW=27)
20. Jones RH, Velazquez EJ, Michler RE, Sopko G, Oh JK, O'Connor CM, Hill JA, Menicanti L, Sadowski Z, Desvigne-Nickens P, Rouleau JL, Lee KL, STICH Hypothesis 2 Investigators.: Coronary bypass surgery with or without surgical ventricular reconstruction. *N Engl J Med.* 2009; 360(17): 1705-1717. (IF=47.050; MNiSW=40)
21. Jozwiak J, Sahin M, Jozwiak S, Kotulska K, Ploski R, Szperl M, Wlodarski PK.: Cardiac rhabdomyoma in tuberous sclerosis: Hyperactive Erk signaling. *Int J Cardiol.* 2009; 132(1): 145-147. (IF=3.469; MNiSW=27)
22. Kalinczuk L, Demkow M, Mintz GS, Cedro K, Debski A, Ciszewski M, Ciszewski A, Kruk M, Karcz M, Warminski G, Pregowski J, Chmielak Z, Witkowski A, Lubiszewska B, Ruzyllo W.: Impact of different re-stenting strategies on expansion of a drug-eluting stent implanted to treat bare-metal stent restenosis. *Am J Cardiol.* 2009; 104(4): 531-537. (IF=3.575; MNiSW=32)
23. Kaminski KA, Kozieradzka A, Bonda T, Banach M, Kozuch M, Wojtkowska I, Dobrzycki S, Kralisz P, Nowak K, Prokopczuk P, Mikhailidis DP, Musial WJ.: Percutaneous coronary interventions affect concentrations of interleukin 6 and its soluble receptors in coronary sinus blood in patients with stable angina. *Angiology.* 2009; 60(3): 322-328. (IF=1.097; MNiSW=13)
24. Kaminski KA, Kozuch M, Bonda T, Wojtkowska I, Kozieradzka A, Dobrzycki S, Kralisz P, Nowak K, Prokopczuk P, Winnicka MM, Musial WJ.: Coronary sinus concentrations of interleukin 6 and its

- soluble receptors are affected by reperfusion and may portend complications in patients with myocardial infarction. *Atherosclerosis*. 2009; 206(2): 581-587. (IF=4.522; MNiSW=32)
25. Katz JN, Stebbins AL, Alexander JH, Reynolds HR, Pieper KS, Ruzyllo W, Werdan K, Geppert A, Dzavik V, Van de Werf F, Hochman JS, TRIUMPH Investigators.: Predictors of 30-day mortality in patients with refractory cardiogenic shock following acute myocardial infarction despite a patent infarct artery. *Am Heart J*. 2009; 158(4): 680-687. (IF=4.357; MNiSW=32)
 26. Klopotoski M, Kruk M, Przulski J, Kalinczuk L, Pregowski J, Bekta P, Malek LA, Kepka C, Ciszewski A, Chmielak Z, Demkow M, Karcz M, Witkowski A, Ruzyllo W.: Sodium level on admission and in-hospital outcomes of STEMI patients treated with primary angioplasty: the ANIN Myocardial Infarction Registry. *Med Sci Monit*. 2009; 15(9): CR477-83. (IF=1.543; MNiSW=20)
 27. Konopka A, Spychalska J, Piotrowski W, Stepinska J.: Influence of some cardiovascular risk factors on the expression of platelet glycoprotein IIb/IIIa receptors in patients with myocardial infarction treated with antiplatelet drugs under primary percutaneous coronary intervention. *Mol Diagn Ther*. 2009; 13(6): 375-382. (IF=2.167; MNiSW=20)
 28. Kordybach M, Kowalski M, Hoffman P.: Heart failure in a patient with corrected transposition of the great arteries. When is biventricular pacing indicated? *Acta Cardiol*. 2009; 64(5): 673-676. (IF=0.604; MNiSW=13)
 29. Kowalczyk M, Juraszynski Z, Burczynski P, Brzezinska-Rajszyz G, Kawalec W.: Off-pump revascularization with the use of both internal thoracic arteries in a 3-year-old child with Kawasaki syndrome. *J Thorac Cardiovasc Surg*. 2009; 137(6): 1554-1555. (IF=3.063; MNiSW=32)
 30. Kowalski M, Kowalik E, Kotlinski K, Szymanski P, Kusmierczyk M, Rozanski J, Hoffman P.: Regional left ventricular myocardial shortening in normotensive patients late after aortic coarctation repair - normal or impaired? *Ultrasound Med Biol*. 2009; 35(12): 1947-1952. (IF=2.021; MNiSW=32)
 31. Kruk M, Przulski J, Kalinczuk L, Pregowski J, Kadziela J, Kaczmarska E, Petryka J, Kepka C, Klopotoski M, Chmielak Z, Ciszewski A, Demkow M, Karcz M, Witkowski A, Ruzyllo W.: Hemoglobin, Leukocytosis and Clinical Outcomes of ST-Elevation Myocardial Infarction Treated With Primary Angioplasty. *Circ J*. 2009; 73(2): 323-329. (IF=2.692; MNiSW=27)
 32. Kuklik P, Szumowski L, Zebrowski JJ, Sanders P.: Integration of the data from electroanatomical mapping system and CT imaging modality. *Int J Cardiovasc Imaging*. 2009; 25(4): 425-32. (IF=2.151; MNiSW=20)
 33. Kulczkowski W, Witkowski A, Polonski L, Watala C, Filipiak K, Budaj A, Golanski J, Sitkiewicz D, Pregowski J, Gorski J, Zembala M, Opolski G, Huber K, Arnesen H, Kristensen SD, De Caterina R.: Interindividual variability in the response to oral antiplatelet drugs: a position paper of the Working Group on antiplatelet drugs resistance appointed by the Section of Cardiovascular Interventions of the Polish Cardiac Society, endorsed by the Working Group on Thrombosis of the European Society of Cardiology. *Eur Heart J*. 2009; 30(4): 426-435. (IF=9.800; MNiSW=32)
 34. Malek LA, Reynolds HR, Forman SA, Vozzi C, Mancini GB, French JK, Dziarmaga M, Renkin JP, Kochman J, Lamas GA, Hochman JS.: Late coronary intervention for totally occluded left anterior descending coronary arteries in stable patients after myocardial infarction: Results from the Occluded Artery Trial (OAT). *Am Heart J*. 2009; 157(4): 724-732. (IF=4.357; MNiSW=32)
 35. Maryniak A, Szumowski L, Orczykowski M, Przybylski A, Walczak F.: Anxiety and depression among the patients with frequent implantable cardioverter-defibrillator discharges. *Int J Cardiol*. 2009; 132(2): e80-1. (IF=3.469; MNiSW=27)
 36. Mazurkiewicz L, Bilinska ZT, Kruk M, Ciszewski A, Grzybowski J, Witkowski A, Ruzyllo W.: Baseline clinical characteristics and midterm prognosis of STE-ACS and NSTEMI-ACS patients with normal coronary arteries. *Ann Noninvasive Electrocardiol*. 2009; 14(1): 4-12. (IF=1.208; MNiSW=20)
 37. McMurray JJ, Kjekshus J, Gullestad L, Dunselman P, Hjalmarsen A, Wedel H, Lindberg M, Waagstein F, Grande P, Hradec J, Kamensky G, Korewicki J, Kuusi T, Mach F, Ranjith N, Wikstrand J, CORONA Study Group.: Effects of statin therapy according to plasma high-sensitivity C-reactive protein concentration in the Controlled Rosuvastatin Multinational Trial in Heart Failure (CORONA): a retrospective analysis. *Circulation*. 2009; 120(22): 2188-2196. (IF=14.816; MNiSW=32)

38. Mega JL, Braunwald E, Mohanavelu S, Burton P, Poulter R, Misselwitz F, Hricak V, Barnathan ES, Bordes P, Witkowski A, Markov V, Oppenheimer L, Gibson CM, ATLAS ACS-TIMI 46 study group.: Rivaroxaban versus placebo in patients with acute coronary syndromes (ATLAS ACS-TIMI 46): a randomised, double-blind, phase II trial. *Lancet*. 2009; 374(9683): 29-38. (IF=30.758; MNiSW=40)
39. Milewska A, Guzik P, Rudzka M, Baranowski R, Jankowski R, Nowak S, Wysocki H.: J-wave formation in patients with acute intracranial hypertension. *J Electrocardiol*. 2009; 42(5): 420-423. (IF=1.077; MNiSW=20)
40. Neumann HP, Erlic Z, Boedeker CC, Rybicki LA, Robledo M, Hermsen M, Schiavi F, Falcioni M, Kwok P, Bauters C, Lampe K, Fischer M, Edelman E, Benn DE, Robinson BG, Wiegand S, Rasp G, Stuck BA, Hoffmann MM, Sullivan M, Sevilla MA, Weiss MM, Peczkowska M, Kubaszek A, Pigny P, Ward RL, Learoyd D, Croxson M, Zabolotny D, Yaremchuk S, Draf W, Muresan M, Lorenz RR, Knipping S, Strohm M, Dyckhoff G, Matthias C, Reisch N, Preuss SF, Esser D, Walter MA, Kaftan H, Stover T, Fottner C, Gorgulla H, Malekpour M, Zarandy MM, Schipper J, Brase C, Glien A, Kuhnemund M, Koscielny S, Schwerdtfeger P, Valimaki M, Szyfter W, Finckh U, Zerres K, Cascon A, Opocher G, Ridder GJ, Januszewicz A, Suarez C, Eng C.: Clinical predictors for germline mutations in head and neck paraganglioma patients: cost reduction strategy in genetic diagnostic process as fall-out. *Cancer Res*. 2009; 69(8): 3650-3656. (IF=7.543; MNiSW=32)
41. Opolski MP, Pracon R, Mintz GS, Okabe T, Pregowski J, Lee SY, van der Waal EC, Kalinczuk L, Roy P, Smith KA, Torguson R, Xue Z, Satler LF, Kent KM, Pichard AD, Waksman R, Weissman NJ.: Relation of drug-eluting stent strut distribution to stent thrombosis in coronary arteries. *Am J Cardiol*. 2009; 104(3): 343-348. (IF=3.575; MNiSW=32)
42. Pawinski T, Kunicki PK, Sobieszczanska-Malek M, Gralak B, Szlaska I.: A limited sampling strategy for estimating mycophenolic acid area under the curve in adult heart transplant patients treated with concomitant cyclosporine. *J Clin Pharm Ther*. 2009; 34(1): 89-101. (IF=1.671; MNiSW=20)
43. Petelczyc M., Żebrowski J.J., Baranowski R.: Kramers?moyal expansion of heart rate variability. *Acta Phys Pol B*. 2009; 40(5): 1463-1471. (IF=0.648; MNiSW=20)
44. Petelczyc M, Zebrowski JJ, Baranowski R.: Kramers-Moyal coefficients in the analysis and modeling of heart rate variability. *Phys Rev E Stat Nonlin Soft Matter Phys*. 2009; 80(3 Pt 1): 031127. (IF=2.400; MNiSW=32)
45. Piatkowski R, Budaj-Fidecka A, Scislo P, Kochanowski J, Spiewak M, Opolski G.: Transesophageal real time three-dimensional echocardiography in assessment of partial atrioventricular septal defect. *Echocardiography*. 2009; 26(9): 1092-1094. (IF=1.444; MNiSW=20)
46. Poldermans D, Bax JJ, Boersma E, De Hert S, Eeckhout E, Fowkes G, Gorenek B, Hennerici MG, Iung B, Kelm M, Kjeldsen KP, Kristensen SD, Lopez-Sendon J, Pelosi P, Philippe F, Pierard L, Ponikowski P, Schmid JP, Sellevold OF, Sicari R, Van den Berghe G, Vermassen F, Hoeks SE, Vanhorebeek I, Task Force for Preoperative Cardiac Risk Assessment and Perioperative Cardiac Management in Non-cardiac Surgery, European Society of Cardiology, European Society of Anaesthesiology.: Guidelines for pre-operative cardiac risk assessment and perioperative cardiac management in non-cardiac surgery: the Task Force for Preoperative Cardiac Risk Assessment and Perioperative Cardiac Management in Non-cardiac Surgery of the European Society of Cardiology (ESC) and endorsed by the European Society of Anaesthesiology (ESA). *Eur Heart J*. 2009; 30(22): 2769-2812. (IF=9.800; MNiSW=32)
47. Przybylski A, Kowalski M, Maciag A, Szumowski L.: Deleterious effect of unintentional pacing from the middle cardiac vein in a patient with congenitally corrected transposition of the great arteries and ventricular septal defect. The beneficial effect of cardiac resynchronization therapy after heart surgery. *J Interv Card Electrophysiol*. 2009; 24(1): 67-70. (IF=1.056; MNiSW=20)
48. Przybylski A, Oreziak A, Kwiatek P, Michalowska I, Hasiac A, Szufiadowicz E.: Unsuccessful left ventricular lead implantation in two first-degree relatives. Is the coronary venous anatomy similar in both cases? *Europace*. 2009; 11(12): 1718-1720. (IF=1.871; MNiSW=20)
49. Rashba EJ, Lamas GA, Couderc JP, Hollist SM, Dzavik V, Ruzyllo W, Fridrich V, Buller CE, Forman SA, Kufera JA, Carvalho AC, Hochman JS, for the OAT-EP Investigators.: Electrophysiological Effects of Late Percutaneous Coronary Intervention for Infarct-Related Coronary Artery Occlusion. The Occluded Artery Trial-Electrophysiological Mechanisms (OAT-EP). *Circulation*. 2009; 119(6): 779-787. (IF=14.816; MNiSW=32)

50. Shah SJ, Blair JE, Filippatos GS, Macarie C, Ruzyllo W, Korewicki J, Bubenek-Turconi SI, Ceracchi M, Bianchetti M, Carminati P, Kremastinos D, Grzybowski J, Valentini G, Sabbah HN, Gheorghiade M, for the HORIZON-HF Investigators.: Effects of istaroxime on diastolic stiffness in acute heart failure syndromes: Results from the Hemodynamic, Echocardiographic, and Neurohormonal Effects of Istaroxime, a Novel Intravenous Inotropic and Lusitropic Agent: a Randomized Controlled Trial in Patients Hospitalized with Heart Failure (HORIZON-HF) trial. *Am Heart J.* 2009; 157(6): 1035-1041. (IF=4.357; MNiSW=32)
51. Spiewak M, Malek LA, Misko J.: Right ventricular outflow tract obstruction should be considered in assessing influence of pulmonary regurgitation on right ventricular volume. *Eur Heart J.* 2009; 30(14): 1807; author reply 1087-8. (IF=9.800; MNiSW=32)
52. Sterlinski M, Przybylski A, Maciag A, Syska P, Pytkowski M, Lewandowski M, Kowalik I, Firek B, Kolsut P, Religa G, Kusmierczyk M, Walczak F, Szwed H.: Subacute cardiac perforations associated with active fixation leads. *Europace.* 2009; 11(2): 206-212. (IF=1.871; MNiSW=20)
53. Szymanski P, Klisiewicz A, Hoffman P.: Therapeutic options for systemic right ventricular failure. *Heart.* 2009; 95(23): 1950-1; author reply 1951. (IF=5.385; MNiSW=32)
54. Szymanski P, Klisiewicz A, Lubiszewska B, Lipczynska M, Michalek P, Janas J, Hoffman P.: Application of classic heart failure definitions of asymptomatic and symptomatic ventricular dysfunction and heart failure symptoms with preserved ejection fraction to patients with systemic right ventricles. *Am J Cardiol.* 2009; 104(3): 414-418. (IF=3.575; MNiSW=32)
55. Teerlink JR, Metra M, Felker GM, Ponikowski P, Voors AA, Weatherley BD, Marmor A, Katz A, Grzybowski J, Unemori E, Teichman SL, Cotter G.: Relaxin for the treatment of patients with acute heart failure (Pre-RELAX-AHF): a multicentre, randomised, placebo-controlled, parallel-group, dose-finding phase IIB study. *Lancet.* 2009; 373(9673): 1429-1439. (IF=30.758; MNiSW=40)
56. Tendera M, Wojakowski W, Ruzyllo W, Chojnowska L, Kepka C, Tracz W, Musialek P, Piwowarska W, Nessler J, Buszman P, Grajek S, Breborowicz P, Majka M, Ratajczak MZ, REGENT Investigators.: Intracoronary infusion of bone marrow-derived selected CD34+CXCR4+ cells and non-selected mononuclear cells in patients with acute STEMI and reduced left ventricular ejection fraction: results of randomized, multicentre Myocardial Regeneration by Intracoronary Infusion of Selected Population of Stem Cells in Acute Myocardial Infarction (REGENT) Trial. *Eur Heart J.* 2009; 30(11): 1313-1321. (IF=9.800; MNiSW=32)
57. Thal SC, Sporer S, Klopotoski M, Thal SE, Woitzik J, Schmid-Elsaesser R, Plesnila N, Zausinger S.: Brain edema formation and neurological impairment after subarachnoid hemorrhage in rats. Laboratory investigation. *J Neurosurg.* 2009; 111(5): 988-994. (IF=2.594; MNiSW=32)
58. Torok E, Klopotoski M, Trabold R, Thal SC, Plesnila N, Scholler K.: Mild hypothermia (33 degrees C) reduces intracranial hypertension and improves functional outcome after subarachnoid hemorrhage in rats. *Neurosurgery.* 2009; 65(2): 352-9; discussion 359. (IF=2.862; MNiSW=32)
59. Valencia JF, Porta A, Vallverdu M, Claria F, Baranowski R, Orłowska-Baranowska E, Caminal P.: Refined multiscale entropy: application to 24-h Holter recordings of heart period variability in healthy and aortic stenosis subjects. *IEEE Trans Biomed Eng.* 2009; 56(9): 2202-2213. (IF=2.154; MNiSW=27)
60. Witkowski A, Maciejewski P, Wasek W, Malek LA, Niewada M, Kaminski B, Drzewiecki J, Kosmider M, Kubica J, Ruzyllo W, Peruga JZ, Dudek D, Opolski G, Dobrzycki S, Gil RJ, STEMI 2003 Registry Collaborators.: Influence of different antiplatelet treatment regimens for primary percutaneous coronary intervention on all-cause mortality. *Eur Heart J.* 2009; 30(14): 1736-1743. (IF=9.800; MNiSW=32)
61. Wozniak J, Dabrowski R, Luczak D, Kwiatkowska M, Musiej-Nowakowska E, Kowalik I, Szwed H.: Evaluation of Heart Rhythm Variability and Arrhythmia in Children with Systemic and Localized Scleroderma. *J Rheumatol.* 2009; 36(1): 191-196. (IF=3.854; MNiSW=27)
62. Zebrowski JJ, Kuklik P, Buchner T, Baranowski R.: Concealed conduction effects in the atrium. *IEEE Eng Med Biol Mag.* 2009; 28(6): 24-29. (IF=1.081; MNiSW=27)
63. Zielinski T, Browarek A, Zembala M, Sadowski J, Zakliczynski M, Przybylowski P, Roguski K, Kosakowska AB, Korewicki J, POLKARD HF investigators.: Risk Stratification of Patients With Severe

Heart Failure Awaiting Heart Transplantation-Prospective National Registry POLKARD HF. Transplant Proc. 2009; 41(8): 3161-3165. (IF=0.994; MNiSW=20)

64. Zielinski T, Sobieszczanska-Malek M, Browarek A, Piotrowska M, Zakliczynski M, Przybylowski P, Roguski K, Sadowski J, Zembala M, Korewicki J, POLKARD HF investigators.: The Influence of the Recipient's Body Weight on the Probability to Obtain a Heart Transplant-POLKARD HF Registry. Transplant Proc. 2009; 41(8): 3166-3170. (IF=0.994; MNiSW=20)