

# Marianne Huebner

## List of Publications by Year in descending order

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Version: 2024-02-01

123  
papers

5,442  
citations

94269

37  
h-index

88477

70  
g-index

130  
all docs

130  
docs citations

130  
times ranked

7860  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional profiling of Arabidopsis heat shock proteins and transcription factors reveals extensive overlap between heat and non-heat stress response pathways. BMC Genomics, 2007, 8, 125.	1.2	515
2	Association Between Early Surgical Intervention vs Watchful Waiting and Outcomes for Mitral Regurgitation Due to Flail Mitral Valve Leaflets. JAMA - Journal of the American Medical Association, 2013, 310, 609.	3.8	315
3	Simulation-Based Mastery Learning Improves Patient Outcomes in Laparoscopic Inguinal Hernia Repair. Annals of Surgery, 2011, 254, 502-511.	2.1	272
4	Small, nonfunctioning, asymptomatic pancreatic neuroendocrine tumors (PNETs): Role for nonoperative management. Surgery, 2012, 152, 965-974.	1.0	241
5	Twenty-Year Outcome After Mitral Repair Versus Replacement for Severe Degenerative Mitral Regurgitation. Circulation, 2017, 135, 410-422.	1.6	238
6	Effect of Recurrent Mitral Regurgitation Following Degenerative Mitral Valve Repair. Journal of the American College of Cardiology, 2016, 67, 488-498.	1.2	195
7	Small Bowel Obstruction – Who Needs an Operation? A Multivariate Prediction Model. World Journal of Surgery, 2010, 34, 910-919.	0.8	167
8	Architecture of thermal adaptation in an Exiguobacterium sibiricum strain isolated from 3 million year old permafrost: A genome and transcriptome approach. BMC Genomics, 2008, 9, 547.	1.2	134
9	Selective predators and their parasitized prey: Are epidemics in zooplankton under top-down control?. Limnology and Oceanography, 2005, 50, 412-420.	1.6	122
10	Number of Lymph Nodes Evaluated: Prognostic Value in Pancreatic Adenocarcinoma. Journal of Gastrointestinal Surgery, 2012, 16, 920-926.	0.9	122
11	Outcomes after implementation of a multimodal standard care pathway for laparoscopic colorectal surgery. British Journal of Surgery, 2014, 101, 1023-1030.	0.1	120
12	Quality of Life After Early Mitral Valve Repair Using Conventional and Robotic Approaches. Annals of Thoracic Surgery, 2012, 93, 761-769.	0.7	116
13	Case-matched series of enhanced versus standard recovery pathway in minimally invasive colorectal surgery. British Journal of Surgery, 2011, 99, 120-126.	0.1	109
14	Predictors of recurrence free survival for patients with stage II and III colon cancer. BMC Cancer, 2014, 14, 336.	1.1	104
15	Gene expression shifts during perithecium development in Gibberella zeae (anamorph Fusarium) Tj ETQq1 1 0.784314 rgBT /Overlock 44, 1146-1156.	0.9	103
16	Strengthening Analytical Thinking for Observational Studies: the STRATOS initiative. Statistics in Medicine, 2014, 33, 5413-5432.	0.8	94
17	Prospective, Observational Validation of a Multivariate Small-Bowel Obstruction Model to Predict the Need for Operative Intervention. Journal of the American College of Surgeons, 2011, 212, 1068-1076.	0.2	90
18	Prediction of Pancreatic Anastomotic Failure After Pancreatoduodenectomy. Annals of Surgery, 2013, 257, 512-519.	2.1	89

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19	Young-Onset Rectal Cancer: Presentation, Pattern of Care and Long-term Oncologic Outcomes Compared to a Matched Older-Onset Cohort. <i>Annals of Surgical Oncology</i> , 2011, 18, 2469-2476.	0.7	83
20	SNP interaction detection with Random Forests in high-dimensional genetic data. <i>BMC Bioinformatics</i> , 2012, 13, 164.	1.2	83
21	Adrenalectomy Improves Outcomes of Selected Patients with Metastatic Carcinoma. <i>World Journal of Surgery</i> , 2012, 36, 1400-1405.	0.8	77
22	WARMER DOES NOT HAVE TO MEAN SICKER: TEMPERATURE AND PREDATORS CAN JOINTLY DRIVE TIMING OF EPIDEMICS. <i>Ecology</i> , 2006, 87, 1684-1695.	1.5	70
23	Integrating diverse methods to understand climate-land interactions in East Africa. <i>Geoforum</i> , 2008, 39, 898-911.	1.4	68
24	Outcomes following surgery without radiotherapy for rectal cancer. <i>British Journal of Surgery</i> , 2011, 99, 137-143.	0.1	68
25	IL13 gene polymorphisms modify the effect of exposure to tobacco smoke on persistent wheeze and asthma in childhood, a longitudinal study. <i>Respiratory Research</i> , 2008, 9, 2.	1.4	67
26	Dual-Phase Computed Tomography for Assessment of Pancreatic Fibrosis and Anastomotic Failure Risk Following Pancreatoduodenectomy. <i>Journal of Gastrointestinal Surgery</i> , 2011, 15, 2193-2204.	0.9	66
27	Lymphadenectomy in the staging and treatment of intrahepatic cholangiocarcinoma: a population-based study using the National Cancer Institute SEER database. <i>Hpb</i> , 2011, 13, 612-620.	0.1	58
28	Partial Pathologic Response and Nodal Status as Most Significant Prognostic Factors for Advanced Rectal Cancer Treated With Preoperative Chemoradiotherapy. <i>World Journal of Surgery</i> , 2012, 36, 675-683.	0.8	56
29	On asymptotic properties of maximum likelihood estimators for parabolic stochastic PDE's. <i>Probability Theory and Related Fields</i> , 1995, 103, 143-163.	0.9	55
30	Improving Conventional Recovery With Enhanced Recovery in Minimally Invasive Surgery for Rectal Cancer. <i>Diseases of the Colon and Rectum</i> , 2014, 57, 557-563.	0.7	55
31	The MIDA Mortality Risk Score: development and external validation of a prognostic model for early and late death in degenerative mitral regurgitation. <i>European Heart Journal</i> , 2018, 39, 1281-1291.	1.0	54
32	Marek's Disease Virus-Induced Immunosuppression: Array Analysis of Chicken Immune Response Gene Expression Profiling. <i>Viral Immunology</i> , 2010, 23, 309-319.	0.6	53
33	Mastery Learning Simulation-Based Curriculum for Laparoscopic TEP Inguinal Hernia Repair. <i>Journal of Surgical Education</i> , 2012, 69, 208-214.	1.2	52
34	Patterns of GATA3 and IL13 gene polymorphisms associated with childhood rhinitis and atopy in a birth cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 408-414.	1.5	47
35	Facilitating harmonized data quality assessments. A data quality framework for observational health research data collections with software implementations in R. <i>BMC Medical Research Methodology</i> , 2021, 21, 63.	1.4	47
36	Diagnoses Influence Surgical Site Infections (SSI) in Colorectal Surgery: A Must Consideration for SSI Reporting Programs?. <i>Journal of the American College of Surgeons</i> , 2012, 214, 574-580.	0.2	43

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37	Improving Affordability Through Innovation in the Surgical Treatment of Mitral Valve Disease. Mayo Clinic Proceedings, 2013, 88, 1075-1084.	1.4	43
38	Intrathecal Analgesia and Restrictive Perioperative Fluid Management within Enhanced Recovery Pathway: Hemodynamic Implications. Journal of the American College of Surgeons, 2013, 216, 1124-1134.	0.2	43
39	National Practice Patterns in Preoperative and Postoperative Antibiotic Prophylaxis in Breast Procedures Requiring Drains: Survey of the American Society of Breast Surgeons. Annals of Surgical Oncology, 2012, 19, 3205-3211.	0.7	36
40	Changes in bone mineral density after surgical intervention for primary hyperparathyroidism. Surgery, 2012, 152, 1051-1058.	1.0	36
41	Failure of Institutionally Derived Predictive Models of Conversion in Laparoscopic Colorectal Surgery to Predict Conversion Outcomes in an Independent Data Set of 998 Laparoscopic Colorectal Procedures. Annals of Surgery, 2010, 251, 652-658.	2.1	34
42	Timing of Complications and Length of Stay after Rectal Cancer Surgery. Journal of the American College of Surgeons, 2014, 218, 914-919.	0.2	32
43	Effect of massage therapy on pain, anxiety, relaxation, and tension after colorectal surgery: A randomized study. Complementary Therapies in Clinical Practice, 2015, 21, 154-159.	0.7	32
44	Does Body Mass Index/Morbid Obesity Influence Outcome in Patients Who Undergo Pancreatoduodenectomy for Pancreatic Adenocarcinoma?. Journal of Gastrointestinal Surgery, 2010, 14, 1820-1825.	0.9	30
45	A systematic approach to initial data analysis is good research practice. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 25-27.	0.4	30
46	Leveraging electronic health records for predictive modeling of post-surgical complications. Statistical Methods in Medical Research, 2018, 27, 3271-3285.	0.7	30
47	Identification of ATPAF1 as a novel candidate gene for asthma in children. Journal of Allergy and Clinical Immunology, 2011, 128, 753-760.e11.	1.5	28
48	Is There a Role for Endoscopic Therapy as a Definitive Treatment for Post-Laparoscopic Bile Duct Injuries?. Journal of the American College of Surgeons, 2010, 211, 495-502.	0.2	26
49	Mayo Clinic Consensus Recommendations for the Depth of Excision in Primary Cutaneous Melanoma. Mayo Clinic Proceedings, 2011, 86, 522-528.	1.4	26
50	The Number of Axillary Lymph Nodes Involved with Metastatic Breast Cancer Does not Affect Outcome as Long as All Disease is Confined to the Sentinel Lymph Nodes. Annals of Surgical Oncology, 2011, 18, 86-93.	0.7	26
51	Assessment of coronary artery disease risk in 5463 patients undergoing cardiac surgery: When is preoperative coronary angiography necessary?. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 1055-1064.e1.	0.4	26
52	Limitations of Lymph Node Ratio, Evidence-Based Benchmarks, and the Importance of a Thorough Lymph Node Dissection in Melanoma. Annals of Surgical Oncology, 2013, 20, 4370-4377.	0.7	26
53	Competing risks need to be considered in survival analysis models for cardiovascular outcomes. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 1427-1431.	0.4	26
54	A Contemporary Conceptual Framework for Initial Data Analysis. Observational Studies, 2018, 4, 171-192.	0.4	26

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55	Transcriptional profiling of Marek's disease virus genes during cytolytic and latent infection. <i>Virus Genes</i> , 2008, 36, 383-392.	0.7	25
56	The Number of Lymph Nodes Involved with Metastatic Disease Does Not Affect Outcome in Melanoma Patients as Long as All Disease Is Confined to the Sentinel Lymph Node. <i>Annals of Surgical Oncology</i> , 2009, 16, 2245-2251.	0.7	25
57	Power and sample assessments for tests of hypotheses on cost-effectiveness ratios. , 2000, 9, 227-234.		24
58	The role of neoadjuvant radiotherapy for locally-advanced rectal cancer with resectable synchronous metastasis. <i>Journal of Gastrointestinal Oncology</i> , 2017, 8, 650-658.	0.6	24
59	Age-associated Performance Decline and Sex Differences in Olympic Weightlifting. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 2302-2308.	0.2	23
60	Sex differences and impact of body mass on performance from childhood to senior athletes in Olympic weightlifting. <i>PLoS ONE</i> , 2020, 15, e0238369.	1.1	23
61	The taxonomy of two uncultivated fungal mammalian pathogens is revealed through phylogeny and population genetic analyses. <i>Scientific Reports</i> , 2021, 11, 18119.	1.6	22
62	Recovery of hypothalamic tuberoinfundibular dopamine neurons from acute toxicant exposure is dependent upon protein synthesis and associated with an increase in parkin and ubiquitin carboxy-terminal hydrolase-L1 expression. <i>NeuroToxicology</i> , 2012, 33, 321-331.	1.4	21
63	Evaluating implementation of a rapid response team: considering alternative outcome measures. <i>International Journal for Quality in Health Care</i> , 2014, 26, 49-57.	0.9	21
64	Temporomandibular Custom Hemijoint Replacement Prosthesis: Prospective Clinical and Kinematic Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012, 70, 276-288.	0.5	19
65	The impact of competitive flow on distal coronary flow and on graft flow during coronary artery bypass surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011, 12, 993-997.	0.5	18
66	A Randomized Controlled Pilot Study Assessing Feasibility and Impact of Yoga Practice on Quality of Life, Mood, and Perceived Stress in Women with Newly Diagnosed Breast Cancer. <i>Global Advances in Health and Medicine</i> , 2012, 1, 30-35.	0.7	18
67	The Masters athlete in Olympic weightlifting: Training, lifestyle, health challenges, and gender differences. <i>PLoS ONE</i> , 2020, 15, e0243652.	1.1	18
68	Characterization of biofilm formed by human-derived nanoparticles. <i>Nanomedicine</i> , 2009, 4, 931-941.	1.7	17
69	Ten simple rules for initial data analysis. <i>PLoS Computational Biology</i> , 2022, 18, e1009819.	1.5	17
70	Performance Development From Youth to Senior and Age of Peak Performance in Olympic Weightlifting. <i>Frontiers in Physiology</i> , 2019, 10, 1121.	1.3	16
71	Dalhousie Dyspnea and Perceived Exertion Scales: Psychophysical properties in children and adolescents. <i>Respiratory Physiology and Neurobiology</i> , 2014, 199, 34-40.	0.7	15
72	Handing Over Patient Care: Is it Just the Old Broken Telephone Game?. <i>Journal of Surgical Education</i> , 2011, 68, 465-471.	1.2	14

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73	What makes a biostatistician?. <i>Statistics in Medicine</i> , 2019, 38, 695-701.	0.8	14
74	On Parametric Confidence Intervals for the Cost-Effectiveness Ratio. <i>Biometrical Journal</i> , 2001, 43, 283-296.	0.6	13
75	In Search of the Ideal Pulmonary Blood Source for the Norwood Procedure: A Meta-Analysis and Systematic Review. <i>Annals of Thoracic Surgery</i> , 2014, 98, 142-150.	0.7	13
76	Dalhousie Pictorial Scales Measuring Dyspnea and Perceived Exertion during Exercise for Children and Adolescents. <i>Annals of the American Thoracic Society</i> , 2015, 12, 718-726.	1.5	13
77	Measuring Dyspnea and Perceived Exertion in Healthy Adults and with Respiratory Disease: New Pictorial Scales. <i>Sports Medicine - Open</i> , 2016, 2, 17.	1.3	13
78	Efficacy and Outcomes of Intrathecal Analgesia as Part of an Enhanced Recovery Pathway in Colon and Rectal Surgical Patients. <i>Surgery Research and Practice</i> , 2018, 2018, 1-5.	0.1	13
79	Randomized study of natural orifice transluminal endoscopic surgery and endoscopy shows similar hemodynamic impact in a porcine model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 1065-1069.	1.3	12
80	Two-stage designs to identify the effects of SNP combinations on complex diseases. <i>Journal of Human Genetics</i> , 2008, 53, 739-746.	1.1	11
81	Does lung ischemia and reperfusion have an impact on coronary flow? A quantitative coronary blood-flow analysis with inflammatory cytokine profile. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 154-161.	0.6	11
82	Assessing the invasiveness of NOTES perforated viscus repair: a comparative study of NOTES and laparoscopy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2012, 26, 103-109.	1.3	10
83	Association of HeartMate II Left Ventricular Assist Device Flow Estimate with Thermodilution Cardiac Output. <i>ASAIO Journal</i> , 2014, 60, 513-518.	0.9	10
84	Quantification of <i>Brucella abortus</i> population structure in a natural host. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	10
85	Surgical Site Infection in Colorectal Surgery: A Study in Antibiotic Duration. <i>Diseases of the Colon and Rectum</i> , 2017, 60, 971-978.	0.7	9
86	Strength in Numbers Women in Olympic-Style Weightlifting. <i>Significance</i> , 2021, 18, 20-25.	0.3	9
87	Prospects for molecular staging of non-small-cell lung cancer from genomic alterations. <i>Expert Review of Respiratory Medicine</i> , 2010, 4, 499-508.	1.0	8
88	Prognostic associations of circulating phytoestrogens and biomarker changes in long-term survivors of postmenopausal breast cancer. <i>Nutrition and Cancer</i> , 2020, 72, 1155-1169.	0.9	8
89	Vascular Access Site Injury After Transfemoral Transcatheter Aortic Valve Insertion. <i>Journal of Cardiac Surgery</i> , 2013, 28, 348-352.	0.3	7
90	Modeling trajectories of perceived leg exertion during maximal cycle ergometer exercise in children and adolescents. <i>BMC Medical Research Methodology</i> , 2014, 14, 4.	1.4	6

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91	Hidden analyses: a review of reporting practice and recommendations for more transparent reporting of initial data analyses. BMC Medical Research Methodology, 2020, 20, 61.	1.4	6
92	Weightlifting during the COVID-19 Pandemic—A Transnational Study Regarding Motivation, Barriers, and Coping of Master Athletes. International Journal of Environmental Research and Public Health, 2021, 18, 9343.	1.2	6
93	How Do Master Weightlifters Train? A Transnational Study of Weightlifting Training Practices and Concurrent Training. International Journal of Environmental Research and Public Health, 2022, 19, 2708.	1.2	6
94	Association of circulating leptin, adiponectin, and resistin concentrations with long-term breast cancer prognosis in a German patient cohort. Scientific Reports, 2021, 11, 23526.	1.6	6
95	Structured reporting to improve transparency of analyses in prognostic marker studies. BMC Medicine, 2022, 20, 184.	2.3	6
96	Association Between Early Surgical Intervention vs Watchful Waiting and Outcomes for Mitral Regurgitation Due to Flail Mitral Valve Leaflets. Survey of Anesthesiology, 2014, 58, 271-272.	0.1	5
97	Post-Discharge Opioid Prescribing Patterns and Risk Factors in Patients Undergoing Elective Colon and Rectal Surgery Without Complications. Journal of Gastrointestinal Surgery, 2019, 23, 1022-1029.	0.9	5
98	Quantile foliation for modelling performance across body mass and age in Olympic weightlifting. Statistical Modelling, 2021, 21, 546-563.	0.5	5
99	Organizing and Analyzing Data from the SHARE Study with an Application to Age and Sex Differences in Depressive Symptoms. International Journal of Environmental Research and Public Health, 2021, 18, 9684.	1.2	5
100	Untreated aortic valve stenosis identified at the time of coronary artery bypass grafting: thresholds associated with adverse prognosis. European Journal of Cardio-thoracic Surgery, 2015, 47, 712-719.	0.6	4
101	28 The cost-effectiveness ratio in the analysis of health care programs. Handbook of Statistics, 2000, , 841-869.	0.4	3
102	Estimating underreported N2 disease in rectal cancer patients with low lymph node counts. Journal of Surgical Oncology, 2012, 106, 248-253.	0.8	3
103	Comparison of sexual function and quality of life after pelvic trauma with and without Angioembolization. Burns and Trauma, 2015, 3, 21.	2.3	3
104	Randomized trial on the physiologic impact of NOTES. Surgical Endoscopy and Other Interventional Techniques, 2015, 29, 3551-3558.	1.3	3
105	The effects of tranexamic acid on blood loss and transfusion rate in colorectal surgery. American Journal of Surgery, 2019, 218, 876-880.	0.9	3
106	Post-surgical opioid prescribing patterns and risk factors for additional opioid prescriptions within one year after non-emergent colorectal surgery. American Journal of Surgery, 2019, 218, 56-61.	0.9	3
107	How Heavy Lifting Lightens Our Lives: Content Analysis of Perceived Outcomes of Masters Weightlifting. Frontiers in Sports and Active Living, 2022, 4, 778491.	0.9	3
108	Health challenges and acute sports injuries restrict weightlifting training of older athletes. BMJ Open Sport and Exercise Medicine, 2022, 8, e001372.	1.4	3



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109	Pulmonary and peritoneal inflammatory findings in transgastric NOTES compared with laparoscopy: pooled analysis from randomized porcine survival studies. <i>Gastrointestinal Endoscopy</i> , 2011, 74, 1103-1107.	0.5	2
110	When is the Best Time to Initiate Peri-operative Heparin Therapy in General Surgery Patients? A Risk-Benefit Dilemma. <i>American Surgeon</i> , 2011, 77, 1539-1545.	0.4	2
111	Prospective validation of a multivariate algorithm to predict need for operative intervention during small bowel obstruction. <i>Journal of the American College of Surgeons</i> , 2010, 211, S22-S23.	0.2	1
112	Predictors of 2010-2011 Michigan Medicaid Beneficiary Adverse E-Code Health Care Encounters. <i>Journal of Patient Safety</i> , 2019, 15, 11-17.	0.7	1
113	Genetic Variation and Cardiovascular Risk Factors: A Cohort Study on Migrants from the Former Soviet Union and a Native German Population. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6215.	1.2	1
114	Impact of childhood inguinal hernia repair in adulthood: A fifty year follow-up. <i>Journal of the American College of Surgeons</i> , 2010, 211, S71.	0.2	0
115	Prognostic Relevance of the Lymph Node Ratio and Variability of Lymph Nodes Evaluated Pathologically for Pancreatic Cancer Survival. <i>Gastroenterology</i> , 2011, 140, S-1053.	0.6	0
116	Preoperative Assessment of Pancreatic Fibrosis and Risk of Pancreatic Anastomotic Failure Following Pancreatoduodenectomy by Dual-Phase Computed Tomography. <i>Gastroenterology</i> , 2011, 140, S-1011.	0.6	0
117	Novel Prediction of Pancreatic Anastomotic Failure After Pancreatoduodenectomy Using Preoperative CT Imaging With the Evaluation of Remnant Pancreatic Volume and Body Composition. <i>Gastroenterology</i> , 2011, 140, S-1021.	0.6	0
118	The Off-Pump Implantation of an Apicoaortic Valved Graft is Safe and Has No Negative Impact on Coronary Flow and Hemodynamics. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2011, 6, 298-304.	0.4	0
119	Erratum to "Recovery of hypothalamic tuberoinfundibular dopamine neurons from acute toxicant exposure is dependent upon protein synthesis and associated with an increase in parkin and ubiquitin carboxy-terminal hydrolase-L1 expression" [Neurotoxicology 33 (2012) 321-331]. <i>NeuroToxicology</i> , 2012, 33, 406.	1.4	0
120	Reply to Letter. <i>Annals of Surgery</i> , 2015, 261, e167-e168.	2.1	0
121	Temporal patterns of hospital readmissions according to disease category for patients after elective colorectal surgery. <i>Journal of Evaluation in Clinical Practice</i> , 2021, 27, 218-222.	0.9	0
122	What Is the Best Time to Initiate Peri-Operative Heparin Therapy In General Surgery Patients? A Risk-Benefit Dilemma.. <i>Blood</i> , 2010, 116, 1088-1088.	0.6	0
123	The Off-Pump Implantation of an Apicoaortic Valved Graft is Safe and Has No Negative Impact on Coronary Flow and Hemodynamics. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2011, 6, 298-304.	0.4	0