

Daniel Bainbridge

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

3,864
citations

257450

24
h-index

123424

61
g-index

104
all docs

104
docs citations

104
times ranked

3187
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | In reply: Initiatives to support rural access to anesthesia. Canadian Journal of Anaesthesia, 2022, , 1. | 1.6 | 0 |
| 2 | Multi-View 3D Transesophageal Echocardiography Registration and Volume Compounding for Mitral Valve Procedure Planning. Applied Sciences (Switzerland), 2022, 12, 4562. | 2.5 | 1 |
| 3 | 3D localization of vena contracta using Doppler ICE imaging in tricuspid valve interventions. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 1569-1577. | 2.8 | 1 |
| 4 | Dynamic tracking of microvascular hemoglobin content for continuous perfusion monitoring in the intensive care unit: pilot feasibility study. Journal of Clinical Monitoring and Computing, 2021, 35, 1453-1465. | 1.6 | 4 |
| 5 | Appropriate Clinical Trial Registration Is the Key to Transparent Reporting and Publication. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 1578-1580. | 1.3 | 3 |
| 6 | Improving the Reporting of Observational Trials. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 1581-1584. | 1.3 | 1 |
| 7 | Improving anesthesia care and pain medicine in rural Canada: nothing about us without us. Canadian Journal of Anaesthesia, 2021, 68, 1731-1737. | 1.6 | 5 |
| 8 | The Ross Procedure for Aortic Valve Disease: Radical or Routine?. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 2841-2843. | 1.3 | 1 |
| 9 | The Effects of Positioning on the Volume/Location of the Internal Jugular Vein Using 2-Dimensional Tracked Ultrasound. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 920-925. | 1.3 | 6 |
| 10 | Professional advocacy and citizenship: a continuing journey that begins during residency. Canadian Journal of Anaesthesia, 2020, 67, 1493-1496. | 1.6 | 1 |
| 11 | Assessing resident member needs at the Canadian Anesthesiologistsâ€™ Society: a national survey. Canadian Journal of Anaesthesia, 2020, 67, 1645-1646. | 1.6 | 1 |
| 12 | Transesophageal Echocardiography and Outcomes in Coronary Artery Bypass Grafting Surgery: Dealing With Confounders in Observational Studies. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 696-697. | 1.3 | 3 |
| 13 | Personal protective equipment (PPE) for anesthesiologists: the need for national guidelines. Canadian Journal of Anaesthesia, 2020, 67, 919-923. | 1.6 | 3 |
| 14 | Vasoplegia in Cardiac Surgery: Pave the Way for Prevention. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 3281-3282. | 1.3 | 1 |
| 15 | Interactive-Automatic Segmentation and Modelling of the Mitral Valve. Lecture Notes in Computer Science, 2019, , 397-404. | 1.3 | 8 |
| 16 | Transversus thoracis muscle plane block in cardiac surgery: a pilot feasibility study. Regional Anesthesia and Pain Medicine, 2019, 44, 556-560. | 2.3 | 70 |
| 17 | The Adolescent Minor and Urgent Aortic Surgery: Challenges and Solutions With Capacity and Competence in Informed Consent. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 1139-1145. | 1.3 | 1 |
| 18 | The Long QT Conundrum. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 967-968. | 1.3 | 1 |

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|----|--|------|-----------|
| 19 | A review of diagnostic accuracy and clinical impact from the focused use of perioperative ultrasound. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 371-380. | 1.6 | 22 |
| 20 | The use of point-of-care ultrasound to diagnose patent foramen ovale in elective hip and knee arthroplasty patients and its association with postoperative delirium. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 619-626. | 1.6 | 6 |
| 21 | Is Routine Chest X-Ray After Ultrasound-Guided Central Venous Catheter Insertion Choosing Wisely?. <i>Chest</i> , 2018, 154, 148-156. | 0.8 | 38 |
| 22 | Mixed reality ultrasound guidance system: a case study in system development and a cautionary tale. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 495-505. | 2.8 | 23 |
| 23 | Cardioplegia During Minimally Invasive Mitral Valve Surgery, a Team Approach. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 664-665. | 1.3 | 3 |
| 24 | Modeling Patient-Specific Deformable Mitral Valves. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 1368-1373. | 1.3 | 15 |
| 25 | A Curious Case of Blood-Culture-Negative Infective Endocarditis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, e3-e5. | 1.3 | 0 |
| 26 | Systematizing Safety in the Low-Resource Operating Theater. <i>Current Anesthesiology Reports</i> , 2017, 7, 37-41. | 2.0 | 0 |
| 27 | Comparison of isoflurane and sevoflurane in cardiac surgery: a randomized non-inferiority comparative effectiveness trial. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 1128-1139. | 1.6 | 25 |
| 28 | A systematic review of transthoracic and transesophageal echocardiography in non-cardiac surgery: implications for point-of-care ultrasound education in the operating room. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 480-487. | 1.6 | 43 |
| 29 | Percutaneous Superior Vena Cava Drainage During Minimally Invasive Mitral Valve Surgery: A Randomized, Crossover Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 101-106. | 1.3 | 1 |
| 30 | Unilateral Postoperative Pulmonary Edema After Minimally Invasive Cardiac Surgical Procedures: A Case-Control Study. <i>Annals of Thoracic Surgery</i> , 2015, 99, 115-122. | 1.3 | 44 |
| 31 | Sevoflurane in acute myocardial infarction: A pilot randomized study. <i>American Heart Journal</i> , 2014, 168, 776-783. | 2.7 | 10 |
| 32 | Sedation, Analgesia, and Anaesthesia Variability in Laboratory-Based Cardiac Procedures: An International Survey. <i>Canadian Journal of Cardiology</i> , 2014, 30, 627-633. | 1.7 | 27 |
| 33 | Transcatheter Aortic Valve Implantation in a Patient With Severe Aortic Insufficiency and Minimal Aortic Annular Calcification. <i>Canadian Journal of Cardiology</i> , 2013, 29, 1138.e9-1138.e11. | 1.7 | 5 |
| 34 | Anaesthetic-related mortality in sub-Saharan Africa – Authors' reply. <i>Lancet</i> , 2013, 381, 199-200. | 13.7 | 3 |
| 35 | A Navigation Platform for Guidance of Beating Heart Transapical Mitral Valve Repair. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 1034-1040. | 4.2 | 18 |
| 36 | Hybrid Access to Atria via the Guiraudon Universal Cardiac Introducer for Arrhythmia Ablation after Total Cavopulmonary Derivation. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012, 7, 217-222. | 0.9 | 1 |

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|----|---|------|-----------|
| 37 | Augmented Reality Image Guidance Improves Navigation for Beating Heart Mitral Valve Repair. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2012, 7, 274-281. | 0.9 | 25 |
| 38 | Predicting target vessel location on robot-assisted coronary artery bypass graft using CT to ultrasound registration. Medical Physics, 2012, 39, 1579-1587. | 3.0 | 3 |
| 39 | Evaluation of Tricuspid and Pulmonary Valves Using Epicardial and Transesophageal Echocardiography—A Comparative Study. Journal of Cardiothoracic and Vascular Anesthesia, 2012, 26, 32-38. | 1.3 | 8 |
| 40 | Perioperative and anaesthetic-related mortality in developed and developing countries: a systematic review and meta-analysis. Lancet, The, 2012, 380, 1075-1081. | 13.7 | 488 |
| 41 | Assessing the Immediate and Sustained Effectiveness of Circular Epicardial Surgical Ligation of the Left Atrial Appendage. Journal of Cardiac Surgery, 2012, 27, 270-273. | 0.7 | 6 |
| 42 | US—Fluoroscopy Registration for Transcatheter Aortic Valve Implantation. IEEE Transactions on Biomedical Engineering, 2012, 59, 1444-1453. | 4.2 | 36 |
| 43 | CT-US Registration for Guidance of Transcatheter Aortic Valve Implantation. Lecture Notes in Computer Science, 2012, , 85-92. | 1.3 | 0 |
| 44 | A Navigation Platform for Guidance of Beating Heart Transapical Mitral Valve Repair. Lecture Notes in Computer Science, 2012, , 84-93. | 1.3 | 1 |
| 45 | N-acetylcysteine in Cardiac Surgery: Do the Benefits Outweigh the Risks? A Meta-Analytic Reappraisal. Journal of Cardiothoracic and Vascular Anesthesia, 2011, 25, 268-275. | 1.3 | 32 |
| 46 | Comparison of MAX-ACT and K-ACT Values When Using Bivalirudin Anticoagulation During Minimally Invasive Hybrid Off-Pump Coronary Artery Bypass Graft Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2011, 25, 415-418. | 1.3 | 7 |
| 47 | Investigating Perioperative Heart Migration during Robot-Assisted Coronary Artery Bypass Grafting Interventions. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2011, 6, 323-330. | 0.9 | 1 |
| 48 | Accuracy assessment of fluoroscopy-transesophageal echocardiography registration. Proceedings of SPIE, 2011, , . | 0.8 | 2 |
| 49 | Feature-based US to CT registration of the aortic root. Proceedings of SPIE, 2011, , . | 0.8 | 5 |
| 50 | Virtual Reality Imaging with Real-Time Ultrasound Guidance for Facet Joint Injection. Anesthesia and Analgesia, 2010, 110, 1461-1463. | 2.2 | 17 |
| 51 | Orogastric tubes do not improve transesophageal echocardiographic imaging during cardiac surgery: a randomized trial. Canadian Journal of Anaesthesia, 2010, 57, 216-221. | 1.6 | 7 |
| 52 | Augmented Reality Image Guidance during Off-Pump Mitral Valve Replacement through the Guiraudon Universal Cardiac Introducer. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2010, 5, 430-438. | 0.9 | 1 |
| 53 | The Use of Ultrasound to Guide Interventions: From Bench to Bedside and Back Again. Seminars in Cardiothoracic and Vascular Anesthesia, 2010, 14, 183-185. | 1.0 | 1 |
| 54 | Simultaneous Robotic-Assisted Mitral Valve Repair and Percutaneous Coronary Intervention. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2010, 5, 375-377. | 0.9 | 4 |

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|----|---|-----|-----------|
| 55 | Simultaneous Robotic-Assisted Mitral Valve Repair and Percutaneous Coronary Intervention. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010, 5, 375-377. | 0.9 | 2 |
| 56 | Augmented reality image guidance during off-pump mitral valve replacement through the guiraudon universal cardiac introducer. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010, 5, 430-8. | 0.9 | 2 |
| 57 | Off-Pump Atrial Septal Defect Closure Using the Universal Cardiac Introducer [®] . <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009, 4, 20-26. | 0.9 | 2 |
| 58 | Off-Pump Positioning of a Conventional Aortic Valve Prosthesis through the Left Ventricular Apex with the Universal Cardiac Introducer under Sole Ultrasound Guidance, in the Pig. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009, 4, 269-277. | 0.9 | 0 |
| 59 | What Was Hot and What Was Not in 2007?: A Literature Review. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2009, 13, 78-80. | 1.0 | 0 |
| 60 | Dynamic 2D Ultrasound and 3D CT Image Registration of the Beating Heart. <i>IEEE Transactions on Medical Imaging</i> , 2009, 28, 1179-1189. | 8.9 | 69 |
| 61 | Off-Pump Coronary Artery Bypass Surgery and the Kidney. <i>American Journal of Kidney Diseases</i> , 2009, 54, 395-398. | 1.9 | 4 |
| 62 | Inside the beating heart: an in vivo feasibility study on fusing pre- and intra-operative imaging for minimally invasive therapy. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2009, 4, 113-123. | 2.8 | 32 |
| 63 | Stress-induced cardiomyopathy in the perioperative setting. <i>Canadian Journal of Anaesthesia</i> , 2009, 56, 397-401. | 1.6 | 13 |
| 64 | The Role of Epicardial Echocardiography in the Measurement of Transvalvular Flow Velocities During Aortic Valve Replacement. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009, 23, 292-297. | 1.3 | 4 |
| 65 | Off-Pump Atrial Septal Defect Closure Using the Universal Cardiac Introducer [®] . <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009, 4, 20-26. | 0.9 | 7 |
| 66 | The Efficacy of an Intraoperative Cell Saver During Cardiac Surgery: A Meta-Analysis of Randomized Trials. <i>Anesthesia and Analgesia</i> , 2009, 109, 320-330. | 2.2 | 206 |
| 67 | Image Guidance for Spinal Facet Injections Using Tracked Ultrasound. <i>Lecture Notes in Computer Science</i> , 2009, 12, 516-523. | 1.3 | 28 |
| 68 | Cardiac Imaging and Modeling for Guidance of Minimally Invasive Beating Heart Interventions. <i>Lecture Notes in Computer Science</i> , 2009, , 466-475. | 1.3 | 1 |
| 69 | Off-Pump Positioning of a Conventional Aortic Valve Prosthesis through the Left Ventricular Apex with the Universal Cardiac Introducer under Sole Ultrasound Guidance, in the Pig. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2009, 4, 269-277. | 0.9 | 0 |
| 70 | Ultrasound Image and Augmented Reality Guidance for Off-pump, Closed, Beating, Intracardiac Surgery. <i>Artificial Organs</i> , 2008, 32, 840-845. | 1.9 | 16 |
| 71 | Simultaneous integrated coronary artery revascularization with long-term angiographic follow-up. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 702-708. | 0.8 | 110 |
| 72 | Minimally Invasive Direct Coronary Artery Bypass and Off-Pump Coronary Artery Bypass Surgery: Anesthetic Considerations. <i>Anesthesiology Clinics</i> , 2008, 26, 437-452. | 1.4 | 8 |

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|----|---|-----|-----------|
| 73 | Perioperative Coagulation Management and Blood Conservation in Cardiac Surgery: A Canadian Survey. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2008, 22, 662-669. | 1.3 | 134 |
| 74 | Hybrid Coronary Artery Bypass Grafting. <i>Anesthesiology Clinics</i> , 2008, 26, 453-463. | 1.4 | 1 |
| 75 | From pre-operative cardiac modeling to intra-operative virtual environments for surgical guidance: an in vivo study. <i>Proceedings of SPIE</i> , 2008, , . | 0.8 | 1 |
| 76 | Magnesium for acute traumatic brain injury. <i>The Cochrane Library</i> , 2008, , CD005400. | 2.8 | 29 |
| 77 | Towards a Medical Virtual Reality Environment for Minimally Invasive Cardiac Surgery. <i>Lecture Notes in Computer Science</i> , 2008, , 1-11. | 1.3 | 18 |
| 78 | Mitral valve implantation using off-pump closed beating intracardiac surgery: a feasibility study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2007, 6, 603-607. | 1.1 | 21 |
| 79 | Robotic-assisted closure of atrial septal defect under real-time three-dimensional echo guide: in vitro study. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 32, 573-576. | 1.4 | 22 |
| 80 | Surgical, Anesthetic, Perfusion-Related Advances in Minimal Access Surgery. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2007, 11, 282-287. | 1.0 | 11 |
| 81 | Adequacy of Brain Oxygen Saturation for Goal-Directed Therapy. <i>Anesthesia and Analgesia</i> , 2007, 105, 538-539. | 2.2 | 1 |
| 82 | Navigation accuracy for an intracardiac procedure using ultrasound enhanced virtual reality. , 2007, , . | | 4 |
| 83 | An augmented reality environment for image-guidance of off-pump mitral valve implantation. , 2007, , . | | 17 |
| 84 | Monitoring Brain Oxygen Saturation During Coronary Bypass Surgery: A Randomized, Prospective Study. <i>Anesthesia and Analgesia</i> , 2007, 104, 51-58. | 2.2 | 1,245 |
| 85 | Does off-pump or minimally invasive coronary artery bypass reduce mortality, morbidity, and resource utilization when compared with percutaneous coronary intervention? A meta-analysis of randomized trials. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 623-631. | 0.8 | 42 |
| 86 | Anaesthetic management for the patient of large ostium secundum and severe mitral regurgitation with addison's disease undergoing minimally invasive cardiac surgery. <i>Canadian Journal of Anaesthesia</i> , 2007, 54, 44431-44431. | 1.6 | 0 |
| 87 | Live 3-Dimensional Echocardiography Guidance for the Insertion of a Retrograde Cardioplegic Catheter through the Coronary Sinus. <i>Heart Surgery Forum</i> , 2007, 10, E188-E190. | 0.5 | 6 |
| 88 | The maze procedure and outcomes in cardiac surgery patients, a meta-analysis. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 26209-26209. | 1.6 | 0 |
| 89 | À½analgÃ©sie avec des AINS, le contrÃ©le de la douleur et la morbiditÃ© en chirurgie cardiothoracique. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 46-59. | 1.6 | 62 |
| 90 | Patient-controlled versus nurse-controlled analgesia after cardiac surgery â€” a meta-analysis. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 492-499. | 1.6 | 75 |

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|-----|---|-----|-----------|
| 91 | Aortic Assessment for Cardiac Surgical Procedures. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2006, 10, 158-161. | 1.0 | 3 |
| 92 | Robotic-Assisted Left Atrial Ligation for Stroke Reduction in Chronic Atrial Fibrillation: A Case Report. <i>Heart Surgery Forum</i> , 2006, 9, E533-E535. | 0.5 | 3 |
| 93 | Off Pump Coronary Artery Bypass Graft Surgery Versus Conventional Coronary Artery Bypass Graft Surgery: A Systematic Review of the Literature. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2005, 9, 105-111. | 1.0 | 33 |
| 94 | Does Off-pump Coronary Artery Bypass Reduce Mortality, Morbidity, and Resource Utilization When Compared with Conventional Coronary Artery Bypass? A Meta-analysis of Randomized Trials. <i>Anesthesiology</i> , 2005, 102, 188-203. | 2.5 | 416 |
| 95 | 3-D Imaging for Aortic Plaque Assessment. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2005, 9, 163-165. | 1.0 | 19 |
| 96 | Intracardiac cryo-ablation on the off-pump, beating heart, combined with or replacing the epicardial approach for minimally-invasive surgery for atrial fibrillation. <i>Heart Rhythm</i> , 2005, 2, S91. | 0.7 | 2 |
| 97 | Is Off-Pump Bypass Grafting Truly Superior to Conventional Coronary Artery Bypass Grafting?. <i>Annals of Thoracic Surgery</i> , 2005, 79, 383. | 1.3 | 3 |
| 98 | En Bloc Exclusion of the Pulmonary Vein Region in the Pig Using Off Pump, Beating, Intra-Cardiac Surgery: A Pilot Study of Minimally Invasive Surgery for Atrial Fibrillation. <i>Annals of Thoracic Surgery</i> , 2005, 80, 1417-1423. | 1.3 | 39 |
| 99 | Intraoperative Echocardiography: Support for Decision Making in Cardiac Surgery. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2004, 8, 25-35. | 1.0 | 8 |
| 100 | Aortic Dissection in a Patient with a Previous Ascending Aortic Dissection and Repair: The Role of New Monitoring Devices in the High-Risk Patient. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2004, 8, 3-7. | 1.0 | 2 |
| 101 | The Use of 3D Epiaortic Scanning to Enhance Evaluation of Atherosclerotic Plaque in the Ascending Aorta: A Case Series. <i>Heart Surgery Forum</i> , 2004, 7, E636-E638. | 0.5 | 7 |
| 102 | Cardiopulmonary Bypass Decreases G Protein-Coupled Receptor Kinase Activity and Expression in Human Peripheral Blood Mononuclear Cells. <i>Anesthesiology</i> , 2003, 98, 343-348. | 2.5 | 18 |
| 103 | Apolipoprotein E genotype differentially influences the proinflammatory and anti-inflammatory response to cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 122, 622-623. | 0.8 | 79 |