

Brian S Donahue

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,055
citations

304368

22
h-index

233125

45
g-index

51
all docs

51
docs citations

51
times ranked

2583
citing authors

#	ARTICLE	IF	CITATIONS
1	Commentary: Coagulation Testing in Pediatric Cardiac Surgery: The Small Picture and the Big Picture. Seminars in Thoracic and Cardiovascular Surgery, 2021, , .	0.4	0
2	Commentary: Preoperative nutritional status and mortality from cardiac surgery: Do we have your attention yet?. Journal of Thoracic and Cardiovascular Surgery, 2021, , .	0.4	1
3	In Response. Anesthesia and Analgesia, 2020, 130, e113.	1.1	3
4	Red Cell Transfusion and Thrombotic Risk in Children. Pediatrics, 2020, 145, e20193955.	1.0	2
5	Double-Blind, Randomized, Placebo-Controlled Trial Comparing the Effects of Antithrombin Versus Placebo on the Coagulation System in Infants with Low Antithrombin Undergoing Congenital Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 396-402.	0.6	16
6	Evaluation of Dynamic Ultrasound for Arterial Access in Children Undergoing Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 1926-1929.	0.6	2
7	Distraction-Free Induction Zone: A Quality Improvement Initiative at a Large Academic Children's Hospital to Improve the Quality and Safety of Anesthetic Care for Our Patients. Anesthesia and Analgesia, 2019, 129, 794-803.	1.1	18
8	Retrospective Analysis of the Safety and Efficacy of Sugammadex Versus Neostigmine for the Reversal of Neuromuscular Blockade in Children. Anesthesia and Analgesia, 2019, 129, 1124-1129.	1.1	31
9	Sex matching and red cell safety. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 233-234.	0.4	0
10	Variants in the <i>SCN5A</i> Promoter Associated With Various Arrhythmia Phenotypes. Journal of the American Heart Association, 2016, 5, .	1.6	22
11	Assessing the Risks of Noncardiac Surgery for Children With Congenital Heart Disease—. Journal of the American College of Cardiology, 2016, 67, 802-803.	1.2	5
12	Laparoscopic Nissen fundoplication in infants with hypoplastic left heart syndrome. Journal of Pediatric Surgery, 2016, 51, 76-80.	0.8	7
13	Perioperative Management of a Pediatric Patient with Catecholamine-Induced Cardiomyopathy Undergoing Laparoscopic Paraganglioma Excision Requiring Biventricular Assist Device Support. Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, 999-1002.	0.6	2
14	Infant euthanasia is morally unacceptable. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 1684-1685.	0.4	4
15	Genetic and Clinical Risk Prediction Model for Postoperative Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 25-31.	2.1	49
16	Association of Blood Products Administration During Cardiopulmonary Bypass and Excessive Post-operative Bleeding in Pediatric Cardiac Surgery. Pediatric Cardiology, 2015, 36, 459-467.	0.6	25
17	Long-term mortality associated with acute kidney injury in children following congenital cardiac surgery. Paediatric Anaesthesia, 2014, 24, 919-926.	0.6	47
18	Acetaminophen Attenuates Lipid Peroxidation in Children Undergoing Cardiopulmonary Bypass. Pediatric Critical Care Medicine, 2014, 15, 503-510.	0.2	30

#	ARTICLE	IF	CITATIONS
19	Genetic variation in the β_1 -adrenergic receptor is associated with the risk of atrial fibrillation after cardiac surgery. <i>American Heart Journal</i> , 2014, 167, 101-108.e1.	1.2	12
20	Residual lesions in postoperative pediatric cardiac surgery patients receiving extracorporeal membrane oxygenation support. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 434-441.	0.4	70
21	Malignant Hyperthermia-Like Manifestations in a Two-Month-Old Child With Holt-Oram Syndrome Undergoing Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 1326-1327.	0.6	6
22	Postoperative complications and association with outcomes in pediatric cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 609-616.e1.	0.4	68
23	Risks of Noncardiac Operations and Other Procedures in Children With Complex Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , 2013, 95, 204-211.	0.7	47
24	Implementation of a transfusion algorithm to reduce blood product utilization in pediatric cardiac surgery. <i>Paediatric Anaesthesia</i> , 2013, 23, 639-646.	0.6	45
25	Standardized postoperative handover process improves outcomes in the intensive care unit. <i>Critical Care Medicine</i> , 2012, 40, 2109-2115.	0.4	159
26	Perioperative Plasma F2-Isoprostane Levels Correlate With Markers of Impaired Ventilation in Infants With Single-Ventricle Physiology Undergoing Stage 2 Surgical Palliation on the Cardiopulmonary Bypass. <i>Pediatric Cardiology</i> , 2012, 33, 562-568.	0.6	14
27	Perioperative Management of Infants Undergoing Fundoplication and Gastrostomy After Stage I Palliation of Hypoplastic Left Heart Syndrome. <i>Pediatric Cardiology</i> , 2012, 33, 697-704.	0.6	14
28	Genome-Wide Assessment for Genetic Variants Associated with Ventricular Dysfunction after Primary Coronary Artery Bypass Graft Surgery. <i>PLoS ONE</i> , 2011, 6, e24593.	1.1	5
29	Mutations in Sodium Channel β_1 - and β_2 -Subunits Associated With Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2009, 2, 268-275.	2.1	212
30	Variation in the 4q25 Chromosomal Locus Predicts Atrial Fibrillation After Coronary Artery Bypass Graft Surgery. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 499-506.	5.1	104
31	ACE I/D polymorphism associated with abnormal atrial and atrioventricular conduction in lone atrial fibrillation and structural heart disease: Implications for electrical remodeling. <i>Heart Rhythm</i> , 2009, 6, 1327-1332.	0.3	24
32	Cardiac Sodium Channel (<i>SCN5A</i>) Variants Associated with Atrial Fibrillation. <i>Circulation</i> , 2008, 117, 1927-1935.	1.6	292
33	Large scale replication and meta-analysis of variants on chromosome 4q25 associated with atrial fibrillation. <i>European Heart Journal</i> , 2008, 30, 813-819.	1.0	193
34	Response to Letter Regarding Article, "Cardiac Sodium Channel (<i>SCN5A</i>) Variants Associated with Atrial Fibrillation". <i>Circulation</i> , 2008, 118, .	1.6	0
35	Response to Letter Regarding Article, "Plasminogen Activator Inhibitor-1 as a Predictor of Postoperative Atrial Fibrillation After Cardiopulmonary Bypass". <i>Circulation</i> , 2008, 117, .	1.6	0
36	Plasminogen Activator Inhibitor-1 as a Predictor of Postoperative Atrial Fibrillation After Cardiopulmonary Bypass. <i>Circulation</i> , 2007, 116, I-1-I-7.	1.6	48

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37	Low Arterial Saturation Is Associated With Increased Sensitivity to Activated Protein C in Children With Congenital Heart Disease. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006, 20, 38-42.	0.6	8
38	Anger Regulation Style, Postoperative Pain, and Relationship to the A118G Mu Opioid Receptor Gene Polymorphism: A Preliminary Study. <i>Journal of Behavioral Medicine</i> , 2006, 29, 161-169.	1.1	24
39	Genetics of Coagulation: Considerations for Cardiac Surgery. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2006, 10, 297-313.	0.4	5
40	Risk factor interactions and genetic effects associated with post-operative atrial fibrillation. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2006, , 584-95.	0.7	12
41	Case 1â€™2005. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005, 19, 109-117.	0.6	41
42	Expression of multiple KCNE genes in human heart may enable variable modulation of. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 38, 277-287.	0.9	125
43	Factor V Leiden and Perioperative Risk. <i>Anesthesia and Analgesia</i> , 2004, 98, 1623-1634.	1.1	37
44	The Response to Activated Protein C After Cardiopulmonary Bypass: Impact of Factor V Leiden. <i>Anesthesia and Analgesia</i> , 2004, 99, 1598-1603.	1.1	5
45	Factor V Leiden Protects Against Blood Loss and Transfusion After Cardiac Surgery. <i>Circulation</i> , 2003, 107, 1003-1008.	1.6	79
46	Tissue Factor and Platelet Glycoprotein Ib-Î± Alleles Are Associated with Age at First Coronary Bypass Operation. <i>Anesthesiology</i> , 2003, 99, 1287-1294.	1.3	6
47	Perioperative Genomics. <i>Anesthesiology</i> , 2003, 99, 7-8.	1.3	9
48	Thrombosis after Deep Hypothermic Circulatory Arrest with Antifibrinolytic Therapy: Is Factor V Leiden the Smoking Gun?. <i>Anesthesiology</i> , 2002, 97, 760-761.	1.3	7
49	Elective and emergency cardiac surgery on a patient with hemophilia B. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1999, 13, 92-97.	0.6	10
50	Free diffusion coefficient of ionic calcium in cytoplasm. <i>Cell Calcium</i> , 1987, 8, 437-448.	1.1	110