

Brian S Diggs

List of Publications by Year in descending order

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91
papers

4,125
citations

81839

39
h-index

123376

61
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all docs

93
docs citations

93
times ranked

5458
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of Transoral Fundoplication vs Omeprazole for Treatment of Regurgitation in a Randomized Controlled Trial. <i>Gastroenterology</i> , 2015, 148, 324-333.e5.	0.6	184
2	Operative resection of primary carcinoid neoplasms in patients with liver metastases yields significantly better survival. <i>Surgery</i> , 2006, 140, 891-898.	1.0	174
3	Office-Based Unsedated Small-Caliber Endoscopy Is Equivalent to Conventional Sedated Endoscopy in Screening and Surveillance for Barrett's Esophagus: A Randomized and Blinded Comparison. <i>American Journal of Gastroenterology</i> , 2006, 101, 2693-2703.	0.2	140
4	National Practice Patterns for Management of Adult Congenital Heart Disease. <i>Circulation</i> , 2008, 118, 2345-2352.	1.6	140
5	Systemic inflammation and insulin sensitivity in obese IFN- β knockout mice. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1152-1161.	1.5	140
6	Resuscitation With Normal Saline (NS) vs. Lactated Ringers (LR) Modulates Hypercoagulability and Leads to Increased Blood Loss in an Uncontrolled Hemorrhagic Shock Swine Model. <i>Journal of Trauma</i> , 2006, 61, 57-65.	2.3	120
7	Patient and Peri-operative Predictors of Morbidity and Mortality After Esophagectomy: American College of Surgeons National Surgical Quality Improvement Program (ACS-NSQIP), 2005-2008. <i>Journal of Gastrointestinal Surgery</i> , 2010, 14, 1492-1501.	0.9	117
8	The Influence of Surgeon Specialty on Outcomes in General Thoracic Surgery: A National Sample 1996 to 2005. <i>Annals of Thoracic Surgery</i> , 2009, 88, 1566-1573.	0.7	103
9	Ten-year trend in the national volume of bile duct injuries requiring operative repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2005, 19, 967-973.	1.3	101
10	Alterations in T-Cell Subset Frequency in Peripheral Blood in Obesity. <i>Obesity Surgery</i> , 2005, 15, 1463-1468.	1.1	98
11	Complications nearly double the cost of care after pancreaticoduodenectomy. <i>American Journal of Surgery</i> , 2012, 204, 332-338.	0.9	94
12	Case Volume as a Predictor of Inpatient Mortality After Esophagectomy. <i>Archives of Surgery (Chicago)</i> , 2009, 144, 1585-1588.	1.5	88
13	Patient and Hospital Characteristics on the Variance of Perioperative Outcomes for Pancreatic Resection in the United States. <i>Archives of Surgery</i> , 2009, 144, 713.	2.3	85
14	The Relationship Between Hospital Surgical Case Volumes and Mortality Rates in Pediatric Cardiac Surgery: A National Sample, 1988-2005. <i>Annals of Thoracic Surgery</i> , 2008, 86, 889-896.	0.7	82
15	Racial Disparities in Mortality Among Adults Hospitalized After Injury. <i>Medical Care</i> , 2008, 46, 192-199.	1.1	80
16	The Global Burden of Esophageal Cancer: A Disability-Adjusted Life-Year Approach. <i>World Journal of Surgery</i> , 2016, 40, 395-401.	0.8	73
17	The National Mortality Burden and Significant Factors Associated with Open and Laparoscopic Cholecystectomy: 1997-2006. <i>Journal of Gastrointestinal Surgery</i> , 2009, 13, 2292-2301.	0.9	72
18	Predictors of Technical Skill Acquisition Among Resident Trainees in a Laparoscopic Skills Education Program. <i>World Journal of Surgery</i> , 2008, 32, 1917-1921.	0.8	70

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19	Utilization of Laparoscopic Colectomy in the United States Before and After the Clinical Outcomes of Surgical Therapy Study Group Trial. <i>Annals of Surgery</i> , 2011, 254, 281-288.	2.1	70
20	Outcome of patients treated surgically for lymph node metastases from cutaneous squamous cell carcinoma of the head and neck. <i>Head and Neck</i> , 2011, 33, 999-1004.	0.9	69
21	Equestrian Injury Prevention Efforts Need More Attention to Novice Riders. <i>Journal of Trauma</i> , 2007, 62, 735-739.	2.3	68
22	Evolution of treatment options and outcomes for hypoplastic left heart syndrome over an 18-year period. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 139, 119-127.	0.4	68
23	Using Complications Associated With Postmastectomy Radiation and Immediate Breast Reconstruction to Improve Surgical Decision Making. <i>Archives of Surgery</i> , 2010, 145, 873.	2.3	66
24	Forty-Eight-Hour pH Monitoring Increases Sensitivity in Detecting Abnormal Esophageal Acid Exposure. <i>Journal of Gastrointestinal Surgery</i> , 2005, 9, 1043-1052.	0.9	65
25	Perioperative Morbidity Associated With Bariatric Surgery. <i>Archives of Surgery</i> , 2006, 141, 262.	2.3	65
26	Realistic Distractions and Interruptions That Impair Simulated Surgical Performance by Novice Surgeons. <i>Archives of Surgery</i> , 2012, 147, 1026.	2.3	64
27	Comparison of Pediatric Cardiac Surgical Mortality Rates From National Administrative Data to Contemporary Clinical Standards. <i>Annals of Thoracic Surgery</i> , 2009, 87, 216-223.	0.7	63
28	Impact of comorbidity on outcomes and overall survival after open and minimally invasive esophagectomy for locally advanced esophageal cancer. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013, 27, 4094-4103.	1.3	60
29	Mortality Rate Is Not a Valid Indicator of Quality Differences Between Pediatric Cardiac Surgical Programs. <i>Annals of Thoracic Surgery</i> , 2010, 89, 139-146.	0.7	53
30	Adults or Big Kids: What Is the Ideal Clinical Environment for Management of Grown-Up Patients With Congenital Heart Disease?. <i>Annals of Thoracic Surgery</i> , 2010, 90, 573-579.	0.7	51
31	Minimally Invasive Esophagectomy Provides Equivalent Oncologic Outcomes to Open Esophagectomy for Locally Advanced (Stage II or III) Esophageal Carcinoma. <i>Archives of Surgery</i> , 2011, 146, 711.	2.3	51
32	A Growing Problem: Maternal Death and Peripartum Complications Are Higher in Women With Grown-Up Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , 2011, 92, 2193-2199.	0.7	51
33	Impact of Single-Ventricle Physiology on Death After Heart Transplantation in Adults With Congenital Heart Disease. <i>Annals of Thoracic Surgery</i> , 2012, 94, 1281-1288.	0.7	48
34	The Rush to Atrial Septal Defect Closure: Is the Introduction of Percutaneous Closure Driving Utilization?. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1584-1591.	0.7	47
35	Reducing the rate of catheter-associated bloodstream infections in a surgical intensive care unit using the Institute for Healthcare Improvement central line bundle. <i>American Journal of Surgery</i> , 2014, 207, 817-823.	0.9	47
36	Dramatic Decreases in Mortality From Laparoscopic Colon Resections Based on Data From the Nationwide Inpatient Sample. <i>Archives of Surgery</i> , 2011, 146, 594.	2.3	46

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37	Intraoperative Oncologic Staging and Outcomes for Lung Cancer Resection Vary by Surgeon Specialty. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1958-1964.	0.7	46
38	Psychiatric illness delays diagnosis of esophageal cancer. <i>Ecological Management and Restoration</i> , 2008, 21, 416-421.	0.2	44
39	Databases for assessing the outcomes of the treatment of patients with congenital and paediatric cardiac disease – a comparison of administrative and clinical data. <i>Cardiology in the Young</i> , 2008, 18, 137-144.	0.4	42
40	Effect of High Product Ratio Massive Transfusion on Mortality in Blunt and Penetrating Trauma Patients. <i>Journal of Trauma</i> , 2011, 71, S353-S357.	2.3	38
41	Improved quality and cost-effectiveness of coronary artery bypass grafting in the United States from 1988 to 2005. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 65-69.	0.4	37
42	Specific Abbreviated Injury Scale Values Are Responsible for the Underestimation of Mortality in Penetrating Trauma Patients by the Injury Severity Score. <i>Journal of Trauma</i> , 2011, 71, S384-S388.	2.3	37
43	Diagnostic Laparoscopy for Patients with Potentially Resectable Pancreatic Adenocarcinoma: Is It Cost-Effective in the Current Era?. <i>Journal of Gastrointestinal Surgery</i> , 2008, 12, 1177-1184.	0.9	36
44	Mechanical Circulatory Support Pathways That Maximize Post-Heart Transplant Survival. <i>Annals of Thoracic Surgery</i> , 2013, 95, 480-485.	0.7	36
45	Increasing the Number of Lymph Nodes Examined after Colectomy Does Not Improve Colon Cancer Staging. <i>Journal of the American College of Surgeons</i> , 2014, 218, 1004-1011.	0.2	36
46	Trends in the Surgical Treatment of Ulcerative Colitis over Time: Increased Mortality and Centralization of Care. <i>World Journal of Surgery</i> , 2011, 35, 671-676.	0.8	34
47	Comparative Validation of Online Nomograms for Predicting Nonsentinel Lymph Node Status in Sentinel Lymph Node–Positive Breast Cancer. <i>Archives of Surgery</i> , 2011, 146, 1035.	2.3	32
48	Biliary dyskinesia: a surgical disease rarely found outside the United States. <i>American Journal of Surgery</i> , 2015, 209, 799-803.	0.9	31
49	Major bile duct injury requiring operative reconstruction after laparoscopic cholecystectomy: a follow-on study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 1839-1846.	1.3	31
50	Laparoscopic converted to open colectomy: predictors and outcomes from the Nationwide Inpatient Sample. <i>American Journal of Surgery</i> , 2011, 201, 634-639.	0.9	30
51	Magnetic properties of carbon-coated rare-earth carbide nanocrystallites produced by a carbon arc method. <i>Journal of Applied Physics</i> , 1994, 75, 5879-5881.	1.1	29
52	Demographic and socioeconomic trends in the use of laparoscopic appendectomy from 1997 to 2003. <i>American Journal of Surgery</i> , 2008, 195, 580-584.	0.9	29
53	Serum leptin levels, hepatic leptin receptor transcription, and clinical predictors of non-alcoholic steatohepatitis in obese bariatric surgery patients. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2007, 21, 1593-1599.	1.3	27
54	VEGF Gene Therapy Augments Localized Angiogenesis and Promotes Anastomotic Wound Healing: A Pilot Study in a Clinically Relevant Animal Model. <i>Journal of Gastrointestinal Surgery</i> , 2008, 12, 1762-1772.	0.9	27

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55	Perioperative outcomes of laparoscopic transhiatal inversion esophagectomy compare favorably with those of combined thoracoscopic and laparoscopic esophagectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009, 23, 2147-2154.	1.3	26
56	A Model for Gastric Banding in the Treatment of Morbid Obesity. <i>Annals of Surgery</i> , 2006, 244, 723-733.	2.1	25
57	Effect of Surgical Approach on 30-Day Mortality and Morbidity After Elective Colectomy: a NSQIP Study. <i>Journal of Gastrointestinal Surgery</i> , 2012, 16, 1212-1217.	0.9	25
58	Laparoscopic colectomy reduces morbidity and mortality in obese patients. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013, 27, 2907-2910.	1.3	24
59	A Predictive Model for Mortality in Massively Transfused Trauma Patients. <i>Journal of Trauma</i> , 2011, 71, S370-S374.	2.3	21
60	Use and outcomes of emergent laparoscopic resection for acute diverticulitis. <i>American Journal of Surgery</i> , 2012, 203, 639-643.	0.9	20
61	Regional Differences in Outcomes for Hospitalized Injured Patients. <i>Journal of Trauma</i> , 2006, 60, 691-700.	2.3	19
62	Specialized Practice Reduces Inpatient Mortality, Length of Stay, and Cost in the Care of Colorectal Patients. <i>Diseases of the Colon and Rectum</i> , 2011, 54, 780-786.	0.7	19
63	Bile duct injury after laparoscopic cholecystectomy in hospitals with and without surgical residency programs: is there a difference?. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 1969-1974.	1.3	19
64	Predicting malignant intraductal papillary mucinous neoplasm: a single-center review. <i>American Journal of Surgery</i> , 2011, 201, 575-579.	0.9	18
65	Surgical portosystemic shunts in the era of TIPS and liver transplantation are still relevant. <i>Hpb</i> , 2014, 16, 481-493.	0.1	18
66	Merkel cell carcinoma: what makes a difference?. <i>American Journal of Surgery</i> , 2015, 209, 342-346.	0.9	18
67	A Cross-sectional Analysis of the Prevalence of Barrett Esophagus in Otolaryngology Patients With Laryngeal Symptoms. <i>Journal of Clinical Gastroenterology</i> , 2013, 47, 762-768.	1.1	16
68	Proportion of Seriously Injured Patients Admitted to Hospitals in the US with a High Annual Injured Patient Volume: A Metric of Regionalized Trauma Care. <i>Journal of the American College of Surgeons</i> , 2008, 206, 212-219.	0.2	15
69	Does surgery residency prepare residents to work at critical access hospitals?. <i>American Journal of Surgery</i> , 2015, 209, 828-833.	0.9	15
70	Profoundly Abnormal Initial Physiologic and Biochemical Data Cannot be Used to Determine Futility in Massively Transfused Trauma Patients. <i>Journal of Trauma</i> , 2011, 71, S364-S369.	2.3	14
71	Derivation of a clinical decision rule to guide the interhospital transfer of patients with blunt traumatic brain injury. <i>Emergency Medicine Journal</i> , 2005, 22, 855-860.	0.4	13
72	Endoscopic ultrasound may be unnecessary in the preoperative evaluation of intraductal papillary mucinous neoplasm. <i>Hpb</i> , 2011, 13, 112-116.	0.1	13

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73	Early Neurosurgical Procedures Enhance Survival in Blunt Head Injury: Propensity Score Analysis. <i>Journal of Emergency Medicine</i> , 2009, 37, 115-123.	0.3	12
74	A predictive model of early mortality in trauma patients. <i>American Journal of Surgery</i> , 2014, 207, 642-647.	0.9	12
75	A Population-Based Survival Assessment of Categorizing Level III and IV Rural Hospitals as Trauma Centers. <i>Journal of Rural Health</i> , 2009, 25, 182-188.	1.6	11
76	The Incidence and Burden of Ladder, Structure, and Scaffolding Falls. <i>Academic Emergency Medicine</i> , 2005, 12, 267-270.	0.8	10
77	Increased vascular endothelial growth factor transcription in residual hepatocellular carcinoma after open versus laparoscopic hepatectomy in a small animal model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010, 24, 1151-1157.	1.3	10
78	Molecular Marker Expression Is Highly Heterogeneous in Esophageal Adenocarcinoma and Does Not Predict a Response to Neoadjuvant Therapy. <i>Journal of Gastrointestinal Surgery</i> , 2015, 19, 2105-2110.	0.9	10
79	Measurement of Quality in Pediatric Cardiac Surgery: Understanding the Threats to Validity. <i>ASAIO Journal</i> , 2008, 54, 447-450.	0.9	9
80	Chance, Bias, and Confounding: Threats to Valid Measurement of Quality in the Context of Pediatric Cardiac Surgery. <i>Pediatric Cardiac Surgery Annual</i> , 2010, 13, 79-83.	0.5	9
81	Management of the Open Abdomen During the Global War on Terror. <i>JAMA Surgery</i> , 2013, 148, 59.	2.2	9
82	Stage III & IV colon and rectal cancers share a similar genetic profile: a review of the Oregon Colorectal Cancer Registry. <i>American Journal of Surgery</i> , 2013, 205, 608-612.	0.9	8
83	Overall survival analysis of neoadjuvant chemoradiotherapy and esophagectomy for esophageal cancer. <i>Journal of Gastrointestinal Oncology</i> , 2014, 5, 86-91.	0.6	8
84	Common ground: Measuring intrainstitutional mortality among pediatric surgical procedures. <i>Surgery</i> , 2011, 149, 7-14.	1.0	7
85	Evolution in the Treatment of Esophageal Disease at a Single Academic Institution: 2004-2013. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2017, 27, 915-923.	0.5	7
86	Laparoscopic proctectomy after neoadjuvant therapy: safety and long-term follow-up. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 1902-1906.	1.3	6
87	Abnormal myocardial blood flow in children with mild/moderate aortic stenosis. <i>Cardiology in the Young</i> , 2015, 25, 1358-1366.	0.4	6
88	Endoscopic ultrasound for the evaluation of Nissen fundoplication integrity: a blinded comparison with conventional testing. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2007, 21, 1719-1725.	1.3	5
89	Twenty-year trends in the utilization of Heller myotomy for achalasia in the United States. <i>American Journal of Surgery</i> , 2017, 214, 299-302.	0.9	5
90	Geography or pathology? Regional variation in atrial septal defect closure rates and techniques. <i>Cardiology in the Young</i> , 2011, 21, 577-584.	0.4	3

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91	Bayesian analysis of series expansions. Computer Physics Communications, 1999, 121-122, 1-4.	3.0	1