

# Brian S Diggs

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90  
papers

3,422  
citations

36  
h-index

55  
g-index

93  
ext. papers

3,812  
ext. citations

3.4  
avg, IF

4.88  
L-index

#	Paper	IF	Citations
90	Operative resection of primary carcinoid neoplasms in patients with liver metastases yields significantly better survival. <i>Surgery</i> , <b>2006</b> , 140, 891-7; discussion 897-8	3.6	138
89	Efficacy of transoral fundoplication vs omeprazole for treatment of regurgitation in a randomized controlled trial. <i>Gastroenterology</i> , <b>2015</b> , 148, 324-333.e5	13.3	132
88	National practice patterns for management of adult congenital heart disease: operation by pediatric heart surgeons decreases in-hospital death. <i>Circulation</i> , <b>2008</b> , 118, 2345-52	16.7	120
87	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> , <b>2006</b> , 101, 2693-703	0.7	119
86	Systemic inflammation and insulin sensitivity in obese IFN- $\gamma$ knockout mice. <i>Metabolism: Clinical and Experimental</i> , <b>2012</b> , 61, 1152-61	12.7	112
85	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> , <b>2006</b> , 61, 57-64; discussion 64-5		104
84	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> , <b>2010</b> , 14, 1492-501	3.3	101
83	Ten-year trend in the national volume of bile duct injuries requiring operative repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2005</b> , 19, 967-73	5.2	85
82	Complications nearly double the cost of care after pancreaticoduodenectomy. <i>American Journal of Surgery</i> , <b>2012</b> , 204, 332-8	2.7	84
81	The influence of surgeon specialty on outcomes in general thoracic surgery: a national sample 1996 to 2005. <i>Annals of Thoracic Surgery</i> , <b>2009</b> , 88, 1566-72; discussion 1572-3	2.7	81
80	Case volume as a predictor of inpatient mortality after esophagectomy. <i>Archives of Surgery (Chicago, Ill: 1920)</i> , <b>2007</b> , 142, 829-39		81
79	Alterations in T-cell subset frequency in peripheral blood in obesity. <i>Obesity Surgery</i> , <b>2005</b> , 15, 1463-8	3.7	81
78	Patient and hospital characteristics on the variance of perioperative outcomes for pancreatic resection in the United States: a plea for outcome-based and not volume-based referral guidelines. <i>Archives of Surgery</i> , <b>2009</b> , 144, 713-21		76
77	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> , <b>2008</b> , 86, 889-96; discussion 889-96	2.7	65
76	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> , <b>2011</b> , 254, 281-8	7.8	64
75	The national mortality burden and significant factors associated with open and laparoscopic cholecystectomy: 1997-2006. <i>Journal of Gastrointestinal Surgery</i> , <b>2009</b> , 13, 2292-301	3.3	62
74	Racial disparities in mortality among adults hospitalized after injury. <i>Medical Care</i> , <b>2008</b> , 46, 192-9	3.1	62

73	Predictors of technical skill acquisition among resident trainees in a laparoscopic skills education program. <i>World Journal of Surgery</i> , <b>2008</b> , 32, 1917-21	3.3	61
72	Perioperative morbidity associated with bariatric surgery: an academic center experience. <i>Archives of Surgery</i> , <b>2006</b> , 141, 262-8		60
71	Comparison of pediatric cardiac surgical mortality rates from national administrative data to contemporary clinical standards. <i>Annals of Thoracic Surgery</i> , <b>2009</b> , 87, 216-22; discussion 222-3	2.7	59
70	Outcome of patients treated surgically for lymph node metastases from cutaneous squamous cell carcinoma of the head and neck. <i>Head and Neck</i> , <b>2011</b> , 33, 999-1004	4.2	58
69	Forty-eight-hour pH monitoring increases sensitivity in detecting abnormal esophageal acid exposure. <i>Journal of Gastrointestinal Surgery</i> , <b>2005</b> , 9, 1043-51; discussion 1051-2	3.3	56
68	Realistic distractions and interruptions that impair simulated surgical performance by novice surgeons. <i>Archives of Surgery</i> , <b>2012</b> , 147, 1026-30		55
67	Equestrian injury prevention efforts need more attention to novice riders. <i>Journal of Trauma</i> , <b>2007</b> , 62, 735-9		55
66	The Global Burden of Esophageal Cancer: A Disability-Adjusted Life-Year Approach. <i>World Journal of Surgery</i> , <b>2016</b> , 40, 395-401	3.3	54
65	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> , <b>2013</b> , 27, 4094-103	5.2	52
64	Evolution of treatment options and outcomes for hypoplastic left heart syndrome over an 18-year period. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2010</b> , 139, 119-26; discussion 126-7	1.5	49
63	Minimally invasive esophagectomy provides equivalent oncologic outcomes to open esophagectomy for locally advanced (stage II or III) esophageal carcinoma. <i>Archives of Surgery</i> , <b>2011</b> , 146, 711-4		48
62	Using complications associated with postmastectomy radiation and immediate breast reconstruction to improve surgical decision making. <i>Archives of Surgery</i> , <b>2010</b> , 145, 873-8		47
61	Mortality rate is not a valid indicator of quality differences between pediatric cardiac surgical programs. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 89, 139-44; discussion 145-6	2.7	47
60	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> , <b>2014</b> , 207, 817-23	2.7	42
59	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> , <b>2010</b> , 90, 573-9	2.7	39
58	Psychiatric illness delays diagnosis of esophageal cancer. <i>Ecological Management and Restoration</i> , <b>2008</b> , 21, 416-21	3	38
57	The rush to atrial septal defect closure: is the introduction of percutaneous closure driving utilization?. <i>Annals of Thoracic Surgery</i> , <b>2008</b> , 86, 1584-90; discussion 1590-1	2.7	37
56	Impact of single-ventricle physiology on death after heart transplantation in adults with congenital heart disease. <i>Annals of Thoracic Surgery</i> , <b>2012</b> , 94, 1281-7; discussion 1287-8	2.7	36

55	A growing problem: maternal death and peripartum complications are higher in women with grown-up congenital heart disease. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 92, 2193-8; discussion 2198-9	2.7	36
54	Dramatic decreases in mortality from laparoscopic colon resections based on data from the Nationwide Inpatient Sample. <i>Archives of Surgery</i> , <b>2011</b> , 146, 594-9		35
53	Intraoperative oncologic staging and outcomes for lung cancer resection vary by surgeon specialty. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 92, 1958-63; discussion 1963-4	2.7	33
52	Diagnostic laparoscopy for patients with potentially resectable pancreatic adenocarcinoma: is it cost-effective in the current era?. <i>Journal of Gastrointestinal Surgery</i> , <b>2008</b> , 12, 1177-84	3.3	33
51	Mechanical circulatory support pathways that maximize post-heart transplant survival. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 95, 480-5; discussion 485	2.7	32
50	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> , <b>2008</b> , 18 Suppl 2, 137-44	1	32
49	Effect of high product ratio massive transfusion on mortality in blunt and penetrating trauma patients. <i>Journal of Trauma</i> , <b>2011</b> , 71, S353-7		30
48	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> , <b>2011</b> , 71, S384-8		28
47	Trends in the surgical treatment of ulcerative colitis over time: increased mortality and centralization of care. <i>World Journal of Surgery</i> , <b>2011</b> , 35, 671-6	3.3	28
46	Major bile duct injury requiring operative reconstruction after laparoscopic cholecystectomy: a follow-on study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2016</b> , 30, 1839-46	5.2	27
45	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> , <b>2009</b> , 137, 65-9	1.5	27
44	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> , <b>2007</b> , 21, 1593-9	5.2	27
43	Laparoscopic converted to open colectomy: predictors and outcomes from the Nationwide Inpatient Sample. <i>American Journal of Surgery</i> , <b>2011</b> , 201, 634-9	2.7	26
42	Comparative validation of online nomograms for predicting nonsentinel lymph node status in sentinel lymph node-positive breast cancer. <i>Archives of Surgery</i> , <b>2011</b> , 146, 1035-40		26
41	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> , <b>2008</b> , 12, 1762-70; discussion 1771-2	3.3	26
40	Increasing the number of lymph nodes examined after colectomy does not improve colon cancer staging. <i>Journal of the American College of Surgeons</i> , <b>2014</b> , 218, 1004-11	4.4	25
39	Biliary dyskinesia: a surgical disease rarely found outside the United States. <i>American Journal of Surgery</i> , <b>2015</b> , 209, 799-803; discussion 803	2.7	25
38	Magnetic properties of carbon-coated rare-earth carbide nanocrystallites produced by a carbon arc method. <i>Journal of Applied Physics</i> , <b>1994</b> , 75, 5879-5881	2.5	25

37	Effect of surgical approach on 30-day mortality and morbidity after elective colectomy: a NSQIP study. <i>Journal of Gastrointestinal Surgery</i> , <b>2012</b> , 16, 1212-7	3.3	23
36	Demographic and socioeconomic trends in the use of laparoscopic appendectomy from 1997 to 2003. <i>American Journal of Surgery</i> , <b>2008</b> , 195, 580-3; discussion 583-4	2.7	23
35	Perioperative outcomes of laparoscopic transhiatal inversion esophagectomy compare favorably with those of combined thoracoscopic-laparoscopic esophagectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2009</b> , 23, 2147-54	5.2	22
34	A model for gastric banding in the treatment of morbid obesity: the effect of chronic partial gastric outlet obstruction on esophageal physiology. <i>Annals of Surgery</i> , <b>2006</b> , 244, 723-33	7.8	21
33	Laparoscopic colectomy reduces morbidity and mortality in obese patients. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2013</b> , 27, 2907-10	5.2	19
32	Use and outcomes of emergent laparoscopic resection for acute diverticulitis. <i>American Journal of Surgery</i> , <b>2012</b> , 203, 639-643	2.7	18
31	Predicting malignant intraductal papillary mucinous neoplasm: a single-center review. <i>American Journal of Surgery</i> , <b>2011</b> , 201, 575-9	2.7	18
30	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> , <b>2011</b> , 25, 1969-74	5.2	17
29	A predictive model for mortality in massively transfused trauma patients. <i>Journal of Trauma</i> , <b>2011</b> , 71, S370-4		16
28	Regional differences in outcomes for hospitalized injured patients. <i>Journal of Trauma</i> , <b>2006</b> , 60, 691-8; discussion 699-700		16
27	Surgical portosystemic shunts in the era of TIPS and liver transplantation are still relevant. <i>Hpb</i> , <b>2014</b> , 16, 481-93	3.8	15
26	Specialized practice reduces inpatient mortality, length of stay, and cost in the care of colorectal patients. <i>Diseases of the Colon and Rectum</i> , <b>2011</b> , 54, 780-6	3.1	15
25	Merkel cell carcinoma: what makes a difference?. <i>American Journal of Surgery</i> , <b>2015</b> , 209, 342-6	2.7	13
24	Profoundly abnormal initial physiologic and biochemical data cannot be used to determine futility in massively transfused trauma patients. <i>Journal of Trauma</i> , <b>2011</b> , 71, S364-9		13
23	Endoscopic ultrasound may be unnecessary in the preoperative evaluation of intraductal papillary mucinous neoplasm. <i>Hpb</i> , <b>2011</b> , 13, 112-6	3.8	13
22	Does surgery residency prepare residents to work at critical access hospitals?. <i>American Journal of Surgery</i> , <b>2015</b> , 209, 828-32; discussion 832-3	2.7	12
21	A predictive model of early mortality in trauma patients. <i>American Journal of Surgery</i> , <b>2014</b> , 207, 642-7; discussion 647	2.7	12
20	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> , <b>2008</b> , 206, 212-9	4.4	12

19	A cross-sectional analysis of the prevalence of Barrett esophagus in otolaryngology patients with laryngeal symptoms. <i>Journal of Clinical Gastroenterology</i> , <b>2013</b> , 47, 762-8	3	11
18	Early neurosurgical procedures enhance survival in blunt head injury: propensity score analysis. <i>Journal of Emergency Medicine</i> , <b>2009</b> , 37, 115-23	1.5	11
17	Derivation of a clinical decision rule to guide the interhospital transfer of patients with blunt traumatic brain injury. <i>Emergency Medicine Journal</i> , <b>2005</b> , 22, 855-60	1.5	11
16	A population-based survival assessment of categorizing level III and IV rural hospitals as trauma centers. <i>Journal of Rural Health</i> , <b>2009</b> , 25, 182-8	4.6	10
15	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> , <b>2010</b> , 24, 1151-7	5.2	9
14	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> , <b>2013</b> , 205, 608-12; discussion 612	2.7	8
13	Molecular Marker Expression Is Highly Heterogeneous in Esophageal Adenocarcinoma and Does Not Predict a Response to Neoadjuvant Therapy. <i>Journal of Gastrointestinal Surgery</i> , <b>2015</b> , 19, 2105-10	3.3	8
12	Chance, bias, and confounding: threats to valid measurement of quality in the context of pediatric cardiac surgery. <i>Pediatric Cardiac Surgery Annual</i> , <b>2010</b> , 13, 79-83	2.1	8
11	Overall survival analysis of neoadjuvant chemoradiotherapy and esophagectomy for esophageal cancer. <i>Journal of Gastrointestinal Oncology</i> , <b>2014</b> , 5, 86-91	2.8	8
10	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> , <b>2017</b> , 27, 915-923	2.1	7
9	Management of the open abdomen during the global war on terror. <i>JAMA Surgery</i> , <b>2013</b> , 148, 59-64	5.4	7
8	Common ground: measuring intrainstitutional mortality among pediatric surgical procedures. <i>Surgery</i> , <b>2011</b> , 149, 7-14	3.6	7
7	Measurement of quality in pediatric cardiac surgery: understanding the threats to validity. <i>ASAIO Journal</i> , <b>2008</b> , 54, 447-50	3.6	7
6	The incidence and burden of ladder, structure, and scaffolding falls. <i>Academic Emergency Medicine</i> , <b>2005</b> , 12, 267-70	3.4	7
5	Twenty-year trends in the utilization of Heller myotomy for achalasia in the United States. <i>American Journal of Surgery</i> , <b>2017</b> , 214, 299-302	2.7	5
4	Abnormal myocardial blood flow in children with mild/moderate aortic stenosis. <i>Cardiology in the Young</i> , <b>2015</b> , 25, 1358-66	1	4
3	Laparoscopic proctectomy after neoadjuvant therapy: safety and long-term follow-up. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2011</b> , 25, 1902-6	5.2	4
2	Endoscopic ultrasound for the evaluation of Nissen fundoplication integrity: a blinded comparison with conventional testing. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2007</b> , 21, 1719-25	5.2	4

- 1 Geography or pathology? Regional variation in atrial septal defect closure rates and techniques. *Cardiology in the Young*, **2011**, 21, 577-84 1 2