

James M Isbell

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

5,145
citations

126858

33
h-index

91828

69
g-index

96
all docs

96
docs citations

96
times ranked

7841
citing authors

#	ARTICLE	IF	CITATIONS
1	High-intensity sequencing reveals the sources of plasma circulating cell-free DNA variants. <i>Nature Medicine</i> , 2019, 25, 1928-1937.	15.2	485
2	Damage Control Hematology: The Impact of a Trauma Exsanguination Protocol on Survival and Blood Product Utilization. <i>Journal of Trauma</i> , 2008, 64, 1177-1183.	2.3	342
3	Pathologic features of response to neoadjuvant anti-PD-1 in resected non-small-cell lung carcinoma: a proposal for quantitative immune-related pathologic response criteria (irPRC). <i>Annals of Oncology</i> , 2018, 29, 1853-1860.	0.6	304
4	Optimizing Outcomes in Damage Control Resuscitation: Identifying Blood Product Ratios Associated With Improved Survival. <i>Journal of Trauma</i> , 2008, 65, 527-534.	2.3	270
5	AKI Associated with Cardiac Surgery. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 500-514.	2.2	232
6	The Importance of Caloric Restriction in the Early Improvements in Insulin Sensitivity After Roux-en-Y Gastric Bypass Surgery. <i>Diabetes Care</i> , 2010, 33, 1438-1442.	4.3	229
7	Dynamics of Tumor and Immune Responses during Immune Checkpoint Blockade in Non-“Small Cell Lung Cancer. <i>Cancer Research</i> , 2019, 79, 1214-1225.	0.4	226
8	Initial results of pulmonary resection after neoadjuvant nivolumab in patients with resectable non-“small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 269-276.	0.4	218
9	Risk of Malignancy in Resected Cystic Tumors of the Pancreas - In Size: Is it Safe to Observe Asymptomatic Patients? A Multi-institutional Report. <i>Journal of Gastrointestinal Surgery</i> , 2008, 12, 234-242.	0.9	177
10	Impact of Increasing Age on Cause-Specific Mortality and Morbidity in Patients With Stage I Non-“Small-Cell Lung Cancer: A Competing Risks Analysis. <i>Journal of Clinical Oncology</i> , 2017, 35, 281-290.	0.8	170
11	HER2-Mediated Internalization of Cytotoxic Agents in ERBB2 Amplified or Mutant Lung Cancers. <i>Cancer Discovery</i> , 2020, 10, 674-687.	7.7	149
12	Implementing a Thoracic Enhanced Recovery Program: Lessons Learned in the First Year. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1597-1604.	0.7	128
13	Ultra-deep next-generation sequencing of plasma cell-free DNA in patients with advanced lung cancers: results from the Actionable Genome Consortium. <i>Annals of Oncology</i> , 2019, 30, 597-603.	0.6	114
14	Preoperative anemia versus blood transfusion: Which is the culprit for worse outcomes in cardiac surgery?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 66-74.e2.	0.4	97
15	Safety and Feasibility of Lung Resection After Immunotherapy for Metastatic or Unresectable Tumors. <i>Annals of Thoracic Surgery</i> , 2018, 106, 178-183.	0.7	96
16	A Prospective Study of Circulating Tumor DNA to Guide Matched Targeted Therapy in Lung Cancers. <i>Journal of the National Cancer Institute</i> , 2019, 111, 575-583.	3.0	96
17	Readmission after lung cancer resection is associated with a 6-fold increase in 90-day postoperative mortality. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2261-2267.e1.	0.4	95
18	Obesity Increases Risk-Adjusted Morbidity, Mortality, and Cost Following Cardiac Surgery. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	91

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19	The Underlying Tumor Genomics of Predominant Histologic Subtypes in Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2020, 15, 1844-1856.	0.5	83
20	Role of the foregut in the early improvement in glucose tolerance and insulin sensitivity following Roux-en-Y gastric bypass surgery. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G795-G802.	1.6	73
21	COVID-19 Guidance for Triage of Operations for Thoracic Malignancies: A Consensus Statement From Thoracic Surgery Outcomes Research Network. <i>Annals of Thoracic Surgery</i> , 2020, 110, 692-696.	0.7	72
22	Mitral valve repair rates correlate with surgeon and institutional experience. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 995-1004.	0.4	71
23	Inferring gene expression from cell-free DNA fragmentation profiles. <i>Nature Biotechnology</i> , 2022, 40, 585-597.	9.4	63
24	Postoperative Mortality Is an Inadequate Quality Indicator for Lung Cancer Resection. <i>Annals of Thoracic Surgery</i> , 2014, 97, 973-979.	0.7	59
25	Understanding Mortality as a Quality Indicator After Esophagectomy. <i>Annals of Thoracic Surgery</i> , 2014, 98, 506-512.	0.7	57
26	Roux-en-Y gastric bypass reverses renal glomerular but not tubular abnormalities in excessively obese diabetics. <i>Surgery</i> , 2010, 147, 282-287.	1.0	56
27	Existing General Population Models Inaccurately Predict Lung Cancer Risk in Patients Referred for Surgical Evaluation. <i>Annals of Thoracic Surgery</i> , 2011, 91, 227-233.	0.7	52
28	COVID-19 guidance for triage of operations for thoracic malignancies: A consensus statement from Thoracic Surgery Outcomes Research Network. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 601-605.	0.4	52
29	Frequency and outcomes of brain metastases in patients with HER2 mutant lung cancers. <i>Cancer</i> , 2019, 125, 4380-4387.	2.0	51
30	Definitive chemoradiotherapy versus neoadjuvant chemoradiotherapy followed by surgery for stage II to III esophageal squamous cell carcinoma. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2710-2721.e3.	0.4	41
31	Predictors of Early Recurrence for Node-Negative T1 to T2b Non-Small Cell Lung Cancer. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1175-1183.	0.7	39
32	Marginal pulmonary function should not preclude lobectomy in selected patients with non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 738-746.	0.4	38
33	Lungs donated after circulatory death and prolonged warm ischemia are transplanted successfully after enhanced ex vivo lung perfusion using adenosine A2B receptor antagonism. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1811-1820.	0.4	38
34	Intraoperative opioid exposure, tumour genomic alterations, and survival differences in people with lung adenocarcinoma. <i>British Journal of Anaesthesia</i> , 2021, 127, 75-84.	1.5	33
35	Early Removal of Urinary Catheter After Surgery Requiring Thoracic Epidural: A Prospective Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 1302-1306.	0.6	32
36	Perioperative blood transfusion has a dose-dependent relationship with disease recurrence and survival in patients with non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 2469-2477.e10.	0.4	32

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37	Analysis of Tumor Genomic Pathway Alterations Using Broad-Panel Next-Generation Sequencing in Surgically Resected Lung Adenocarcinoma. <i>Clinical Cancer Research</i> , 2019, 25, 7475-7484.	3.2	30
38	Donation After Circulatory Death Lungs Transplantable Up to Six Hours After Ex Vivo Lung Perfusion. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1845-1853.	0.7	28
39	Minimally Invasive Lobectomy Is Associated With Lower Noncancer-specific Mortality in Elderly Patients. <i>Annals of Surgery</i> , 2019, 270, 1161-1169.	2.1	27
40	Assessment of Fluorodeoxyglucose F18 Labeled Positron Emission Tomography for Diagnosis of High-Risk Lung Nodules. <i>JAMA Surgery</i> , 2018, 153, 329.	2.2	26
41	Neutrophil to Lymphocyte Ratio as Predictor of Treatment Response in Esophageal Squamous Cell Cancer. <i>Annals of Thoracic Surgery</i> , 2018, 106, 864-871.	0.7	26
42	Goal-directed resuscitation following cardiac surgery reduces acute kidney injury: A quality initiative pre- and post analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1868-1877.e1.	0.4	24
43	Factors associated with distant recurrence following R0 lobectomy for pN0 lung adenocarcinoma. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1212-1224.e3.	0.4	23
44	Postoperative Hypoglycemia Is Associated With Worse Outcomes After Cardiac Operations. <i>Annals of Thoracic Surgery</i> , 2017, 103, 526-532.	0.7	22
45	Bundled Payments in Cardiac Surgery: Is Risk Adjustment Sufficient to Make It Feasible?. <i>Annals of Thoracic Surgery</i> , 2015, 100, 1646-1652.	0.7	21
46	Capturing Genomic Evolution of Lung Cancers through Liquid Biopsy for Circulating Tumor DNA. <i>Journal of Oncology</i> , 2017, 2017, 1-5.	0.6	20
47	<i>KRAS</i> G12C Mutation Is Associated with Increased Risk of Recurrence in Surgically Resected Lung Adenocarcinoma. <i>Clinical Cancer Research</i> , 2021, 27, 2604-2612.	3.2	20
48	Preoperative Renal Function Predicts Hospital Costs and Length of Stay in Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2016, 101, 606-612.	0.7	18
49	Prospective study of giant paraesophageal hernia repair with 1-year follow-up. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 743-751.	0.4	18
50	Surgical Care Improvement Project measure for postoperative glucose control should not be used as a measure of quality after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1041-1048.	0.4	17
51	Risk Factors for Urinary Tract Infections in Cardiac Surgical Patients. <i>Surgical Infections</i> , 2015, 16, 504-508.	0.7	17
52	Postoperative Radiotherapy for Surgically Resected ypN2 Non-Small Cell Lung Cancer. <i>Annals of Thoracic Surgery</i> , 2018, 106, 848-855.	0.7	17
53	Clinical utility of next-generation sequencing-based ctDNA testing for common and novel ALK fusions. <i>Lung Cancer</i> , 2021, 159, 66-73.	0.9	17
54	Effects of Proximal Gut Bypass on Glucose Tolerance and Insulin Sensitivity in Humans. <i>Diabetes Care</i> , 2013, 36, e57-e57.	4.3	16

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55	Enteral Access is not Required for Esophageal Cancer Patients Undergoing Neoadjuvant Therapy. <i>Annals of Thoracic Surgery</i> , 2016, 102, 948-954.	0.7	16
56	Tumor and Tumor-Associated Macrophage Programmed Death-Ligand 1 Expression Is Associated With Adjuvant Chemotherapy Benefit in Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2022, 17, 89-102.	0.5	16
57	Defining quality in the surgical care of lung cancer patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1397-1403.	0.4	15
58	Predictors of Nodal Metastases for Clinical T2N0 Esophageal Adenocarcinoma. <i>Annals of Thoracic Surgery</i> , 2018, 106, 172-177.	0.7	13
59	Two-Year Quality of Life Outcomes After Robotic-Assisted Minimally Invasive and Open Esophagectomy. <i>Annals of Thoracic Surgery</i> , 2021, 112, 880-889.	0.7	13
60	A More Extensive Lymphadenectomy Enhances Survival After Neoadjuvant Chemoradiotherapy in Locally Advanced Esophageal Adenocarcinoma. <i>Annals of Surgery</i> , 2022, 276, 312-317.	2.1	13
61	Induction Chemoradiotherapy and Surgery for Esophageal Cancer: Survival Benefit With Downstaging. <i>Annals of Thoracic Surgery</i> , 2013, 96, 225-231.	0.7	12
62	Planned Cardiac Reexploration in the Intensive Care Unit Is a Safe Procedure. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1645-1652.	0.7	12
63	Blunt posterior tracheal laceration and esophageal injury in a child. <i>Journal of Pediatric Surgery</i> , 2009, 44, 1292-1294.	0.8	11
64	Impact of hemodynamic monitoring on clinical outcomes. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2014, 28, 463-476.	1.7	11
65	Extracorporeal life support for adult cardiopulmonary failure. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2015, 29, 229-239.	1.7	11
66	Liquid biopsy for ctDNA to revolutionize the care of patients with early stage lung cancers. <i>Annals of Translational Medicine</i> , 2017, 5, 479-479.	0.7	11
67	Time-varying analysis of readmission and mortality during the first year after pneumonectomy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 247-255.e5.	0.4	11
68	Circulating tumor DNA: A promising biomarker to guide postoperative treatment and surveillance of non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 2628-2631.	0.4	10
69	Prognostic factors following complete resection of non-superior sulcus lung cancer invading the chest wall. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 58, 78-85.	0.6	10
70	Amiodarone with or without N-Acetylcysteine for the Prevention of Atrial Fibrillation after Thoracic Surgery: A Double-blind, Randomized Trial. <i>Anesthesiology</i> , 2022, 136, 916-926.	1.3	10
71	Jejunal administration of glucose enhances acyl ghrelin suppression in obese humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E252-E259.	1.8	9
72	The Emerging Importance of Tumor Genomics in Operable Non-Small Cell Lung Cancer. <i>Cancers</i> , 2021, 13, 3656.	1.7	8

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73	Performance Comparison Between SURPAS and ACS NSQIP Surgical Risk Calculator in Pulmonary Resection. <i>Annals of Thoracic Surgery</i> , 2021, 111, 1643-1651.	0.7	7
74	The emerging role of local therapy in oligometastatic non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 819-825.	0.4	7
75	Increasing Heart Dose Reduces Overall Survival in Patients Undergoing Postoperative Radiation Therapy for NSCLC. <i>JTO Clinical and Research Reports</i> , 2021, 2, 100209.	0.6	7
76	How Effective Is Neoadjuvant Therapy Followed by Surgery for Pathologic Single-Station N2 Non-small Cell Lung Cancer?. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, 33, 206-216.	0.4	6
77	The American College of Surgeons Surgical Risk Calculator performs well for pulmonary resection: A validation study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 1509-1516.e1.	0.4	6
78	Primary lung cancer in women after previous breast cancer. <i>BJS Open</i> , 2021, 5, .	0.7	6
79	Leiomyoma Presenting as a Massive Calcified Circumferential Esophageal Mass. <i>Annals of Thoracic Surgery</i> , 2013, 96, 1851-1854.	0.7	5
80	External Validation of Surgical Risk Preoperative Assessment System in Pulmonary Resection. <i>Annals of Thoracic Surgery</i> , 2021, 112, 228-237.	0.7	5
81	Intraoperative ketorolac may interact with patient-specific tumour genomics to modify recurrence risk in lung adenocarcinoma: an exploratory analysis. <i>British Journal of Anaesthesia</i> , 2021, 127, e82-e85.	1.5	5
82	Long-term assessment of efficacy with a novel Thoracic Survivorship Program for patients with lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	5
83	Multicenter Evaluation of High-Risk Mitral Valve Operations: Implications for Novel Transcatheter Valve Therapies. <i>Annals of Thoracic Surgery</i> , 2014, 98, 2032-2038.	0.7	4
84	Quality of Endoscopy Reports for Esophageal Cancer Patients: Where Do We Stand?. <i>Journal of Gastrointestinal Surgery</i> , 2018, 22, 778-784.	0.9	4
85	Treatment of anastomotic recurrence after esophagectomy. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	4
86	Propensity-matched Analysis Demonstrates Long-term Risk of Respiratory and Cardiac Mortality After Pneumonectomy Compared With Lobectomy for Lung Cancer. <i>Annals of Surgery</i> , 2020, Publish Ahead of Print, .	2.1	4
87	Patterns and influence of nodal metastases after neoadjuvant chemoradiation and R0 resection in esophageal adenocarcinoma. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 411-419.	0.4	4
88	Postinduction therapy pulmonary function retesting is necessary before surgical resection for non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 389-397.e7.	0.4	2
89	Population-specific models of glycemic control in intensive care: Towards a simulation-based methodology for protocol optimization. , 2015, 2015, 5084-5090.		1
90	Multiparameter Predictor of Fluid Responsiveness in Cardiac Surgical Patients Receiving Tidal Volumes Less Than 10 mL/kg. <i>Seminars in Cardiothoracic and Vascular Anesthesia</i> , 2016, 20, 188-196.	0.4	1

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91	Lung Cancer Screening in the Postâ€“National Lung Screening Trial Era: Applying Screening in the Real World. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017, 29, 526-530.	0.4	1
92	Pericardial Effusions in Patients With Cancer: Anesthetic Management and Survival Outcomes. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 571-577.	0.6	1
93	Parenchymal-Sparing Lung Resections: Technique of Sleeve Resections. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2011, 16, 215-225.	0.2	0
94	Vasopressors and inotropes. , 0, , 85-94.		0
95	Is Routine Chest Radiography Necessary After Endobronchial Ultrasoundâ€“guided Fine Needle Aspiration?. <i>Annals of Thoracic Surgery</i> , 2020, 112, 467-472.	0.7	0