

Madhukar S Patel

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

3,057
citations

361045

20
h-index

174990

52
g-index

97
all docs

97
docs citations

97
times ranked

3613
citing authors

#	ARTICLE	IF	CITATIONS
1	The Society for Vascular Surgery practice guidelines on the care of patients with an abdominal aortic aneurysm. <i>Journal of Vascular Surgery</i> , 2018, 67, 2-77.e2.	0.6	1,650
2	An immobilized liquid interface prevents device associated bacterial infection in vivo. <i>Biomaterials</i> , 2017, 113, 80-92.	5.7	97
3	A Diagnostic Delay of 5 Hours Increases the Risk of Death After Blunt Hollow Viscus Injury. <i>Journal of Trauma</i> , 2010, 69, 84-87.	2.3	85
4	The impact of meeting donor management goals on the number of organs transplanted per donor. <i>Critical Care Medicine</i> , 2012, 40, 2773-2780.	0.4	85
5	The Impact of Meeting Donor Management Goals on the Number of Organs Transplanted per Expanded Criteria Donor. <i>JAMA Surgery</i> , 2014, 149, 969.	2.2	72
6	Early Intervention to Promote Medical Student Interest in Surgery and the Surgical Subspecialties. <i>Journal of Surgical Education</i> , 2013, 70, 81-86.	1.2	65
7	Achieving Donor Management Goals Before Deceased Donor Procurement Is Associated With More Organs Transplanted Per Donor. <i>Journal of Trauma</i> , 2011, 71, 990-996.	2.3	62
8	Elective versus emergency surgery for ulcerative colitis: a National Surgical Quality Improvement Program analysis. <i>American Journal of Surgery</i> , 2013, 205, 333-338.	0.9	54
9	Structured Operative Autonomy: An Institutional Approach to Enhancing Surgical Resident Education Without Impacting Patient Outcomes. <i>Journal of the American College of Surgeons</i> , 2017, 225, 713-724.e2.	0.2	42
10	The Resident-Run Minor Surgery Clinic: A Pilot Study to Safely Increase Operative Autonomy. <i>Journal of Surgical Education</i> , 2016, 73, e142-e149.	1.2	40
11	Active Donor Management During the Hospital Phase of Care Is Associated with More Organs Transplanted per Donor. <i>Journal of the American College of Surgeons</i> , 2017, 225, 525-531.	0.2	37
12	Penetrating oesophageal injury: A contemporary analysis of the National Trauma Data Bank. <i>Injury</i> , 2013, 44, 48-55.	0.7	34
13	The Impact of Select Chronic Diseases on Outcomes after Trauma: A Study from the National Trauma Data Bank. <i>Journal of the American College of Surgeons</i> , 2011, 212, 96-104.	0.2	33
14	Role of Locoregional Therapy and Predictors for Dropout in Patients with Hepatocellular Carcinoma Listed for Liver Transplantation. <i>Journal of Vascular and Interventional Radiology</i> , 2015, 26, 1761-1768.	0.2	32
15	Targeting P-selectin glycoprotein ligand-1/P-selectin interactions as a novel therapy for metabolic syndrome. <i>Translational Research</i> , 2017, 183, 1-13.	2.2	31
16	Risk factors for venous thromboembolism in critically ill trauma patients who cannot receive chemical prophylaxis. <i>Injury</i> , 2013, 44, 80-85.	0.7	30
17	Determining optimal threshold for glucose control in organ donors after neurologic determination of death. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 76, 62-69.	1.1	29
18	The Toronto Postliver Transplantation Hepatocellular Carcinoma Recurrence Calculator: A Machine Learning Approach. <i>Liver Transplantation</i> , 2022, 28, 593-602.	1.3	28

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19	The Influence of Insurance Status on the Surgical Treatment of Acute Spinal Fractures. <i>Spine</i> , 2016, 41, E37-E45.	1.0	26
20	Readmission following liver transplantation: an unwanted occurrence but an opportunity to act. <i>Hpb</i> , 2016, 18, 936-942.	0.1	22
21	Impact of Compliance with the American College of Surgeons Trauma Center Verification Requirements on Organ Donation-Related Outcomes. <i>Journal of the American College of Surgeons</i> , 2012, 215, 186-192.	0.2	21
22	Dynamic risk profiling of HCC recurrence after curative intent liver resection. <i>Hepatology</i> , 2022, 76, 1291-1301.	3.6	21
23	The impact of blood transfusions in deceased organ donors on the outcomes of 1,884 renal grafts from United Network for Organ Sharing Region 5. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 79, S164-S170.	1.1	19
24	Impact of Deceased Organ Donor Demographics and Critical Care End Points on Liver Transplantation and Graft Survival Rates. <i>Journal of the American College of Surgeons</i> , 2015, 220, 38-47.	0.2	19
25	Living donor liver paired exchange: A North American first. <i>American Journal of Transplantation</i> , 2021, 21, 400-404.	2.6	19
26	Current practices in deceased organ donor management. <i>Current Opinion in Organ Transplantation</i> , 2019, 24, 343-350.	0.8	18
27	The Natural History of Upper Extremity Deep Venous Thromboses in Critically Ill Surgical and Trauma Patients: What Is the Role of Anticoagulation?. <i>Journal of Trauma</i> , 2011, 71, 316-322.	2.3	17
28	Ex vivo machine perfusion: current applications and future directions in liver transplantation. <i>Langenbeck's Archives of Surgery</i> , 2021, 406, 39-54.	0.8	16
29	A Program for Promoting Clinical Scholarship in General Surgery. <i>Journal of Surgical Education</i> , 2018, 75, 854-860.	1.2	15
30	Predictors of Hazardous Drinking Behavior in 1,340 Adult Trauma Patients: A Computerized Alcohol Screening and Intervention Study. <i>Journal of the American College of Surgeons</i> , 2012, 215, 489-495.	0.2	14
31	Laparoscopic versus Open Colon Resections in California: A Cross-Sectional Analysis. <i>American Surgeon</i> , 2012, 78, 1063-1065.	0.4	14
32	The impact of machine perfusion of the heart on warm ischemia time and organ yield in donation after circulatory death. <i>American Journal of Transplantation</i> , 2022, 22, 1451-1458.	2.6	13
33	Analysis of Radiation Exposure during Endovascular Aneurysm Repair. <i>American Surgeon</i> , 2012, 78, 1029-1032.	0.4	12
34	Trends in the Management and Outcomes of Kidney Transplantation for Autosomal Dominant Polycystic Kidney Disease. <i>Journal of Transplantation</i> , 2014, 2014, 1-7.	0.3	12
35	Liver xenotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2017, 22, 535-540.	0.8	12
36	Artificial intelligence in transplantation (machine-learning classifiers and transplant oncology). <i>Current Opinion in Organ Transplantation</i> , 2020, 25, 426-434.	0.8	12

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37	Trends in indications and outcomes of liver transplantation in Canada: A multicenter retrospective study. <i>Transplant International</i> , 2021, 34, 1444-1454.	0.8	11
38	Short-term kidney transplant outcomes from severe acute respiratory syndrome coronavirus 2 lower respiratory tract positive donors. <i>Transplant Infectious Disease</i> , 2022, 24, .	0.7	11
39	The Race to Liver Transplantation: A Comparison of Patients With and Without Hepatocellular Carcinoma from Listing to Post-Transplantation. <i>Journal of the American College of Surgeons</i> , 2015, 220, 1001-1007.	0.2	10
40	Inhibition of Intraluminal Pancreatic Enzymes With Nafamostat Mesilate Improves Clinical Outcomes After Hemorrhagic Shock in Swine. <i>Journal of Trauma</i> , 2010, 68, 1078-1083.	2.3	9
41	Successful long-term management of invasive cerebral fungal infection following liver transplantation. <i>Mycoses</i> , 2015, 58, 181-186.	1.8	9
42	Therapeutic Hypothermia in Organ Donors: Follow-up and Safety Analysis. <i>Transplantation</i> , 2019, 103, e365-e368.	0.5	9
43	Hepatectomy for Solitary Hepatocellular Carcinoma: Resection Margin Width Does Not Predict Survival. <i>Journal of Gastrointestinal Surgery</i> , 2021, 25, 1727-1735.	0.9	9
44	Linear-Stapled Side-to-Side Esophagojejunostomy with Hand-Sewn Closure of the Common Enterotomy After Prophylactic and Therapeutic Total Gastrectomy. <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 712-722.	0.9	8
45	A rechargeable anti-thrombotic coating for blood-contacting devices. <i>Biomaterials</i> , 2021, 276, 121011.	5.7	8
46	The role of graft to recipient weight ratio on enhanced recovery of the recipient after living donor liver transplantation – A systematic review of the literature and expert panel recommendations. <i>Clinical Transplantation</i> , 2022, 36, e14630.	0.8	8
47	Laser Doppler Imaging for Early Detection of Hemorrhage. <i>Journal of Trauma</i> , 2011, 71, 401-406.	2.3	7
48	Modeling the economic benefit of targeted mild hypothermia in deceased donor kidney transplantation. <i>Clinical Transplantation</i> , 2019, 33, e13626.	0.8	7
49	Vasopressor selection during critical care management of brain dead organ donors and the effects on kidney graft function. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 88, 783-788.	1.1	7
50	Liver Transplantation in the Time of a Pandemic. <i>Annals of Surgery</i> , 2021, 274, 427-433.	2.1	7
51	Relevance of the ADAM and UK Small Aneurysm Trial Data in the Age of Endovascular Aneurysm Repair. <i>Archives of Surgery</i> , 2009, 144, 806.	2.3	6
52	Deceased organ donor factors influencing pancreatic graft transplantation and survival. <i>Clinical Transplantation</i> , 2019, 33, e13571.	0.8	6
53	Hepatocellular Carcinoma in Transplantable Child-Pugh A Cirrhotics: Should Cost Affect Resection vs Transplantation?. <i>Journal of Gastrointestinal Surgery</i> , 2019, 23, 1135-1142.	0.9	6
54	The role and utilization of electronic medical records in ambulatory otolaryngology. <i>Laryngoscope</i> , 2013, 123, 2418-2422.	1.1	5

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55	Promoting Creativity and Innovation in a Structured Learning Environment. <i>Annals of Surgery</i> , 2016, 264, 39-40.	2.1	5
56	The National Ambulatory Medical Care Survey. <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2016, 29, 47-53.	0.1	5
57	Hospital Teaching Status and Readmission after Open Abdominal Aortic Aneurysm Repair. <i>Annals of Vascular Surgery</i> , 2018, 50, 186-194.	0.4	5
58	Amino acid and lipid profiles following pig-to-primate liver xenotransplantation. <i>Xenotransplantation</i> , 2019, 26, e12473.	1.6	5
59	Impact of Deceased Donor Management on Donor Heart Use and Recipient Graft Survival. <i>Journal of the American College of Surgeons</i> , 2020, 231, 351-360.e5.	0.2	5
60	The Surgical Program in Innovation (SPIN): A Design and Prototyping Curriculum for Surgical Trainees. <i>Academic Medicine</i> , 2021, 96, 1306-1310.	0.8	5
61	Enhanced recovery in liver transplantation: A value-based approach to complex surgical care. <i>Surgery</i> , 2021, 170, 1830-1837.	1.0	5
62	Liver Retransplantation Using Living Donor Grafts: A Western Experience. <i>Liver Transplantation</i> , 2022, 28, 887-890.	1.3	5
63	Long-term outcomes of laparoscopic liver resection for hepatocellular carcinoma: A propensity score matched analysis of a high-volume North American center. <i>Surgery</i> , 2022, 171, 982-991.	1.0	5
64	Endovascular Stent for Iatrogenic Penetrating Injury of the Thoracic Aorta. <i>Vascular and Endovascular Surgery</i> , 2014, 48, 333-336.	0.3	4
65	Obstructive jaundice caused by a giant non-parasitic hepatic cyst. <i>Annals of Hepatology</i> , 2015, 14, 267-269.	0.6	4
66	Deceased Organ Donor Management: Does Hospital Volume Matter?. <i>Journal of the American College of Surgeons</i> , 2017, 224, 294-300.	0.2	4
67	Orbezoar. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, e48.	0.9	4
68	The role of deceased donor liver biopsy: An analysis of 5449 liver transplant recipients. <i>Clinical Transplantation</i> , 2020, 34, e13835.	0.8	4
69	Risk factors for venous thromboembolism in critically ill nontrauma surgical patients who cannot receive chemical prophylaxis. <i>American Journal of Surgery</i> , 2013, 206, 300-306.	0.9	3
70	Contributing factors to adoption of electronic medical records in otolaryngology offices. <i>Laryngoscope</i> , 2013, 123, 2658-2663.	1.1	3
71	Liver transplantation utilizing a severely fractured graft: every organ counts. <i>Annals of Hepatology</i> , 2016, 15, 131-134.	0.6	3
72	Patients on state organ donor registries receive similar levels of intensive care compared to those who are not: an opportunity to increase public intent to donate. <i>Clinical Transplantation</i> , 2016, 30, 682-687.	0.8	3

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73	Ruptured aneurysm systems of care: A national imperative to improve clinical outcomes. <i>Journal of Vascular Surgery</i> , 2017, 65, 589-590.	0.6	3
74	State of the Science in Deceased Organ Donor Management. <i>Current Transplantation Reports</i> , 2018, 5, 273-281.	0.9	3
75	The Impact of Therapeutic Hypothermia Used to Treat Anoxic Brain Injury After Cardiopulmonary Resuscitation on Organ Donation Outcomes. <i>Therapeutic Hypothermia and Temperature Management</i> , 2019, 9, 258-264.	0.3	3
76	Critical care and ventilatory management of deceased organ donors impact lung use and recipient graft survival. <i>American Journal of Transplantation</i> , 2021, 21, 4003-4011.	2.6	3
77	Correlation of LI-RADS 3 or 4 Observations with Histopathologic Diagnosis in Patients with Cirrhosis. <i>Clinical Gastroenterology and Hepatology</i> , 2023, 21, 1351-1353.e2.	2.4	3
78	Commentary on: Mesohepatectomy for centrally located large hepatocellular carcinoma: Indications, techniques, and outcomes. <i>Surgery</i> , 2014, 156, 1188-1189.	1.0	2
79	How Good Is Good? Benchmarking and the Quest for Quality Improvement in Liver Transplantation. <i>Annals of Surgery</i> , 2018, 267, 426-427.	2.1	2
80	Response to the Comment on "Making Every Liver Count Increased Transplant Yield of Donor Livers Through Normothermic Machine Perfusion". <i>Annals of Surgery</i> , 2021, 274, e841.	2.1	2
81	Simultaneous ex vivo normothermic preservation of liver and heart grafts from a donation after circulatory death donor. <i>Journal of Cardiac Surgery</i> , 2022, 37, 1076-1079.	0.3	2
82	Normothermic Machine Perfusion in pediatric liver transplantation: A survey of attitudes and barriers. <i>Pediatric Transplantation</i> , 2022, 26, e14282.	0.5	2
83	Creating Rechargeable Antithrombotic Surfaces for Implantation via Enzyme-Mediated Ligation: A Novel System for Keeping Medical Devices Functional. <i>Journal of the American College of Surgeons</i> , 2017, 225, S215-S216.	0.2	1
84	Impact of Deceased Donor Management on Donor Lung Use and Recipient Graft Survival. <i>Journal of the American College of Surgeons</i> , 2020, 231, S300.	0.2	1
85	Long-term outcomes of ablation, liver resection, and liver transplant as first-line treatment for solitary HCC of 3 cm or less using an intention-to-treat analysis: A retrospective cohort study. <i>Annals of Medicine and Surgery</i> , 2022, 77, .	0.5	1
86	High risk, high reward: An analysis of outcomes for candidates awaiting hepatic re-transplantation. <i>Annals of Hepatology</i> , 2016, 15, 888-894.	0.6	1
87	Reply. <i>Journal of the American College of Surgeons</i> , 2013, 216, 167-169.	0.2	0
88	Elevated Creatinine after Kidney Transplantation. <i>American Surgeon</i> , 2013, 79, 308-309.	0.4	0
89	Preparing Senior Medical Students for Surgical Internship: The Value of a Half-day Intervention. <i>American Surgeon</i> , 2014, 80, 102-104.	0.4	0
90	552. <i>Critical Care Medicine</i> , 2014, 42, A1492-A1493.	0.4	0

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91	Disclosing Industry Relationshipsâ€”A Patient-Centered Approach. JAMA Surgery, 2016, 151, 895.	2.2	0
92	Emphysematous Esophagogastritis after Hepatic Resection. American Surgeon, 2019, 85, 86-88.	0.4	0
93	Invited commentary on: Venous outflow reconstruction using polytetrafluoroethylene graft in right lobe living donor liver transplantation: A single center study. Surgery, 2021, 169, 1510-1511.	1.0	0
94	Leiomyosarcoma of Inferior Vena Cava: Resection and Reconstruction. Journal of Medical Insight, 0, , .	1.0	0
95	Reply. Hepatology, 2022, 76, E98-E99.	3.6	0
96	Response to Letters Regarding: â€œThe Impact of Machine Perfusion of the Heart on Warm Ischemia Time and Organ Yield in Donation After Circulatory Deathâ€. American Journal of Transplantation, 2022, , .	2.6	0