

# Jacob Lavee

## List of Publications by Year in descending order

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Version: 2024-02-01

104  
papers

2,247  
citations

279798

23  
h-index

254184

43  
g-index

107  
all docs

107  
docs citations

107  
times ranked

2877  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Nonthermal Energy Source for Surgical Epicardial Atrial Ablation: Irreversible Electroporation. <i>Heart Surgery Forum</i> , 2007, 10, E162-E167.	0.5	134
2	Patient Characteristics and Cell Source Determine the Number of Isolated Human Cardiac Progenitor Cells. <i>Circulation</i> , 2009, 120, 2559-2566.	1.6	125
3	A new law for allocation of donor organs in Israel. <i>Lancet, The</i> , 2010, 375, 1131-1133.	13.7	119
4	BNT162b2 vaccination in heart transplant recipients: Clinical experience and antibody response. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 759-762.	0.6	112
5	Preliminary Marked Increase in the National Organ Donation Rate in Israel Following Implementation of a New Organ Transplantation Law. <i>American Journal of Transplantation</i> , 2013, 13, 780-785.	4.7	104
6	Organ Trafficking and Transplant Tourism. <i>Transplantation</i> , 2013, 95, 1306-1312.	1.0	89
7	Third dose of the BNT162b2 vaccine in heart transplant recipients: Immunogenicity and clinical experience. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 148-157.	0.6	83
8	MRI Study on Reversible and Irreversible Electroporation Induced Blood Brain Barrier Disruption. <i>PLoS ONE</i> , 2012, 7, e42817.	2.5	81
9	BNT162b2 mRNA COVID-19 vaccination in immunocompromised patients: A prospective cohort study. <i>EClinicalMedicine</i> , 2021, 41, 101158.	7.1	64
10	The impact of hyperlactatemia on postoperative outcome after adult cardiac surgery. <i>Journal of Anesthesia</i> , 2012, 26, 174-178.	1.7	63
11	Six-month outcomes after treatment of advanced heart failure with a full magnetically levitated continuous flow left ventricular assist device: report from the ELEVATE registry. <i>European Heart Journal</i> , 2018, 39, 3454-3460.	2.2	62
12	An international multicenter experience of biventricular support with HeartMate 3 ventricular assist systems. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1399-1402.	0.6	60
13	Preservation of myocyte structure and mitochondrial integrity in subzero cryopreservation of mammalian hearts for transplantation using antifreeze proteins—an electron microscopy study. <i>European Journal of Cardio-thoracic Surgery</i> , 2003, 24, 292-297.	1.4	55
14	Improved Viability and Reduced Apoptosis in Sub-Zero 21-Hour Preservation of Transplanted Rat Hearts Using Anti-Freeze Proteins. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 1915-1929.	0.6	54
15	High tacrolimus trough level variability is associated with rejections after heart transplant. <i>American Journal of Transplantation</i> , 2018, 18, 2571-2578.	4.7	50
16	Two-year outcome after implantation of a full magnetically levitated left ventricular assist device: results from the ELEVATE Registry. <i>European Heart Journal</i> , 2020, 41, 3801-3809.	2.2	49
17	Prioritizing registered donors in organ allocation. <i>Current Opinion in Critical Care</i> , 2012, 18, 707-711.	3.2	48
18	Subzero nonfreezing cryopresevation of rat hearts using antifreeze protein I and antifreeze protein III. <i>Cryobiology</i> , 2004, 48, 273-282.	0.7	46

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19	Prolonged 24-hour subzero preservation of heterotopically transplanted rat hearts using antifreeze proteins derived from arctic fish. <i>Annals of Thoracic Surgery</i> , 2004, 77, 1648-1655.	1.3	44
20	Organ Donation in Israel—Achievements and Challenges. <i>Transplantation</i> , 2015, 99, 265-266.	1.0	35
21	Incentivizing Organ Donor Registrations with Organ Allocation Priority. <i>Health Economics (United Kingdom)</i> 1 0.784314 rgBT/Overlo 1.7 31	1.7	31
22	Early aspirin initiation following heart transplantation is associated with reduced risk of allograft vasculopathy during long-term follow-up. <i>Clinical Transplantation</i> , 2017, 31, e13133.	1.6	30
23	The bicuspid aortic valve and its relation to aortic dilation. <i>Clinics</i> , 2010, 65, 497-505.	1.5	27
24	Risk Factors for Failed “Fast-Tracking” After Cardiac Surgery in Patients Older Than 70 Years. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2008, 22, 530-535.	1.3	26
25	Mitochondrial function and tissue vitality: bench-to-bedside real-time optical monitoring system. <i>Journal of Biomedical Optics</i> , 2011, 16, 067004.	2.6	24
26	Time for a boycott of Chinese science and medicine pertaining to organ transplantation. <i>Lancet, The</i> , 2011, 378, 1218.	13.7	24
27	Prevention of Transnational Transplant-Related Crimes—What More Can be Done?. <i>Transplantation</i> , 2016, 100, 1776-1784.	1.0	24
28	Feelings of indebtedness and guilt toward donor and immunosuppressive medication adherence among heart transplant (<sc>HT</sc>x) patients, as assessed in a cross-sectional study with the Basel Assessment of Adherence to Immunosuppressive Medications Scale (<sc>BAASIS</sc>). <i>Clinical Transplantation</i> , 2017, 31, e13053.	1.6	24
29	Tricuspid Valve Regurgitation after Orthotopic Heart Transplantation: Prevalence and Etiology. <i>Journal of Transplantation</i> , 2012, 2012, 1-8.	0.5	23
30	Management of Patients Who Receive an Organ Transplant Abroad and Return Home for Follow-up Care. <i>Transplantation</i> , 2018, 102, e2-e9.	1.0	23
31	Evaluation of the Impact of a Quality Improvement Program and Intensivist-Directed ICU Team on Mortality After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013, 27, 1194-1200.	1.3	21
32	Local Application of Leptin Antagonist Attenuates Angiotensin II-Induced Ascending Aortic Aneurysm and Cardiac Remodeling. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	21
33	Guidance on the management of left ventricular assist device (<sc>LVAD</sc>) supported patients for the non-<sc>LVAD</sc> specialist healthcare provider: executive summary. <i>European Journal of Heart Failure</i> , 2021, 23, 1597-1609.	7.1	20
34	Aprotinin improves hemostasis after cardiopulmonary bypass better than single-donor platelet concentrate. <i>Annals of Thoracic Surgery</i> , 1995, 59, 872-876.	1.3	19
35	Impact of legal measures prevent transplant tourism: the interrelated experience of The Philippines and Israel. <i>Medicine, Health Care and Philosophy</i> , 2013, 16, 915-919.	1.8	19
36	Analysis of official deceased organ donation data casts doubt on the credibility of China’s organ transplant reform. <i>BMC Medical Ethics</i> , 2019, 20, 79.	2.4	19

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37	Postmarket Experience With HeartMate 3 Left Ventricular Assist Device: 30-Day Outcomes From the ELEVATE Registry. <i>Annals of Thoracic Surgery</i> , 2019, 107, 33-39.	1.3	19
38	Study of hypothermia on cultured neuronal networks using multi-electrode arrays. <i>Journal of Neuroscience Methods</i> , 2007, 160, 288-293.	2.5	17
39	Metformin therapy in patients with diabetes mellitus is associated with a reduced risk of vasculopathy and cardiovascular mortality after heart transplantation. <i>Cardiovascular Diabetology</i> , 2019, 18, 118.	6.8	17
40	Tumors and tumor-like lesions of the heart valves. <i>Rare Tumors</i> , 2009, 1, 105-109.	0.6	15
41	Transplant ethics under scrutiny – responsibilities of all medical professionals. <i>Croatian Medical Journal</i> , 2013, 54, 71-74.	0.7	15
42	Incorporating human leukocyte antibody results into clinical practice. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 851-856.	0.6	14
43	Metformin therapy reduces the risk of malignancy after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 1350-1357.	0.6	14
44	Transplant Medicine in China: Need for Transparency and International Scrutiny Remains. <i>American Journal of Transplantation</i> , 2016, 16, 3115-3120.	4.7	13
45	Real-life characteristics and outcomes of patients who undergo percutaneous coronary intervention versus coronary artery bypass grafting for left main coronary artery disease: data from the prospective Multi-vessel Coronary Artery Disease (MULTICAD) Israeli Registry. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 717-723.	1.4	12
46	The Effect of Blood Flow on Magnetic Resonance Imaging of Non Thermal Irreversible Electroporation. <i>Scientific Reports</i> , 2013, 3, 3088.	3.3	11
47	Recurrent acute cellular rejection graded ISHLT 1R early after heart transplantation negatively affects long-term outcomes: The prognostic significance of 1990 ISHLT grades 1B and 2. <i>Transplant Immunology</i> , 2019, 55, 101204.	1.2	11
48	Donor thyroid hormone therapy and heart transplantation outcomes: ISHLT transplant registry analysis. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 1070-1078.	0.6	11
49	Donor thyroid hormone therapy is associated with an increased risk of graft dysfunction after heart transplantation. <i>Clinical Transplantation</i> , 2020, 34, e13887.	1.6	11
50	Antifreeze protein suppresses spontaneous neural activity and protects neurons from hypothermia/re-warming injury. <i>Neuroscience Research</i> , 2010, 67, 256-259.	1.9	10
51	Inpatient variability in tacrolimus trough levels after solid organ transplantation varies at different postoperative time periods. <i>American Journal of Transplantation</i> , 2019, 19, 611.	4.7	10
52	HFA of the ESC position paper on the management of LVAD-supported patients for the non-LVAD specialist healthcare provider Part 3: at the hospital and discharge. <i>ESC Heart Failure</i> , 2021, 8, 4425-4443.	3.1	10
53	Kinetics of cellular and humoral responses to third BNT162B2 COVID-19 vaccine over six months in heart transplant recipients – implications for the omicron variant. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 1417-1425.	0.6	10
54	Hypotensive reactions associated with transfusion of bedside leukocyte-reduction filtered blood products in heart transplanted patients. <i>Journal of Heart and Lung Transplantation</i> , 2001, 20, 759-761.	0.6	9

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55	A call for a policy change regarding publications based on transplantation of organs from executed prisoners. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 555-556.	0.6	9
56	Does donorâ€ recipient age difference matter in outcome of heart transplantation?. <i>Clinical Transplantation</i> , 2019, 33, e13593.	1.6	8
57	The implications of serum enzymes and coagulation activities in postinfarction myocardial. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2011, 26, 7-14.	0.6	7
58	Smoke and mirrors: unanswered questions and misleading statements obscure the truth about organ sources in China. <i>Journal of Medical Ethics</i> , 2016, 42, 552-553.	1.8	7
59	Risk of early, intermediate, and late rejection following heart transplantation: Trends over the past 25Âyears and relation to changes in medical management. Tertiary center experience: The Sheba Heart Transplantation Registry. <i>Clinical Transplantation</i> , 2017, 31, e13063.	1.6	7
60	Improved long-term outcomes after heart transplantation utilizing donors with a traumatic mode of brain death. <i>Journal of Cardiothoracic Surgery</i> , 2019, 14, 138.	1.1	7
61	Heart Failure Association of the European Society of Cardiology position paper on the management of left ventricular assist deviceâ€supported patients for the nonâ€left ventricular assist device specialist healthcare provider: Part 2: at the emergency department. <i>ESC Heart Failure</i> , 2021, 8, 4409-4424.	3.1	7
62	Execution by organ procurement: Breaching the dead donor rule in China. <i>American Journal of Transplantation</i> , 2022, 22, 1804-1812.	4.7	7
63	Severe hypothermia in myxoedema coma: A rewarming by extracorporeal circulation. <i>EMA - Emergency Medicine Australasia</i> , 2011, 23, 773-775.	1.1	6
64	Engaging with China on organ transplantation. <i>BMJ: British Medical Journal</i> , 2017, 356, j665.	2.3	6
65	Hypomagnesemia is associated with new-onset diabetes mellitus following heart transplantation. <i>Cardiovascular Diabetology</i> , 2019, 18, 132.	6.8	6
66	Preoperative Statin Therapy and Heart Transplantation Outcomes. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1280-1285.	1.3	6
67	Spatio-temporal motifs â€rememberedâ€™ in neuronal networks following profound hypothermia. <i>Neural Networks</i> , 2008, 21, 1232-1237.	5.9	5
68	Ethical Amendments to the Israeli Organ Transplant Law. <i>American Journal of Transplantation</i> , 2013, 13, 1614.	4.7	5
69	Age limitation for organ transplantation: the Israeli example. <i>Age and Ageing</i> , 2017, 46, 8-10.	1.6	5
70	HFA of the ESC Position paper on the management of LVAD supported patients for the non LVAD specialist healthcare provider Part 1: Introduction and at the nonâ€hospital settings in the community. <i>ESC Heart Failure</i> , 2021, 8, 4394-4408.	3.1	5
71	Waning humoral immune response to the BNT162b2 vaccine in heart transplant recipients over 6 months. <i>American Journal of Transplantation</i> , 2022, 22, 1931-1932.	4.7	5
72	International society for heart and lung transplantation statement on transplant ethics. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 1307-1308.	0.6	5

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73	A new law for allocation of donor organs in Israel – Authors' reply. <i>Lancet, The</i> , 2010, 376, 231-232.	13.7	4
74	Papers based on data concerning organs from executed prisoners should not be published. <i>Liver International</i> , 2017, 37, 769-769.	3.9	4
75	Unusual complications following left ventricular assisted device implantation: case series. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 70.	1.1	4
76	Mechanical alternatives to the human heart: paracorporeal assist systems. <i>Israel Medical Association Journal</i> , 2002, 4, 125-30.	0.1	4
77	Papers based on data concerning organs from executed prisoners should not be published: Response to Zheng and Yan. <i>Liver International</i> , 2017, 37, 771-772.	3.9	3
78	Does duration of donor brain injury impact heart transplantation outcomes?. <i>Clinical Transplantation</i> , 2019, 33, e13660.	1.6	3
79	Primary heart dysfunction is greater with combined heart and lung compared with isolated heart procurement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.8	3
80	Progressive aortic dilation after aortic valve replacement. <i>Surgical Practice</i> , 2012, 16, 137-141.	0.2	2
81	Organ transplantation in China: concerns remain. <i>Lancet, The</i> , 2015, 385, 855.	13.7	2
82	Donor-recipient ethnic mismatching impacts short- and long-term results of heart transplantation. <i>Clinical Transplantation</i> , 2018, 32, e13389.	1.6	2
83	Lay attitudes toward involuntary organ procurement from death-row prisoners: no, but. <i>Behavioural Public Policy</i> , 2022, 6, 325-341.	2.4	2
84	COVID-19 and transplant research from China: An ethical dilemma. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 614-615.	0.6	2
85	Relation of Low Serum Magnesium to Mortality and Cardiac Allograft Vasculopathy Following Heart Transplantation. <i>American Journal of Cardiology</i> , 2020, 125, 1517-1523.	1.6	2
86	Long-term Arm Morbidity after Radial Artery Harvesting for Coronary Bypass Operation. <i>Heart Surgery Forum</i> , 2004, 7, E211-E213.	0.5	2
87	HeartMate 3: new challenges in ventricular tachycardia ablation. <i>Europace</i> , 2022, 24, 598-605.	1.7	2
88	Response to Letter Regarding Article, "Patient Characteristics and Cell Source Determine the Number of Isolated Human Cardiac Progenitor Cells". <i>Circulation</i> , 2010, 122, .	1.6	1
89	Heart Transplantation in a Left Ventricular Assist Device Recipient After Donor's Extracorporeal Membrane Oxygenation Support. <i>Transplantation</i> , 2018, 102, e185-e186.	1.0	1
90	Passive Leg Raising After Left Ventricular Assist Device Implantation. <i>ASAIO Journal</i> , 2019, 65, 656-660.	1.6	1

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91	Complications of retained pacemaker hardware in heart transplant recipients: case series and review of the literature. <i>Infection</i> , 2020, 48, 635-640.	4.7	1
92	Weight gain post-heart transplantation is associated with an increased risk for allograft vasculopathy and rejection. <i>Clinical Transplantation</i> , 2021, 35, e14187.	1.6	1
93	Comment on "Lung Transplantation for Elderly Patients With End-stage COVID-19 Pneumonia". <i>Annals of Surgery</i> , 2022, 276, e65-e66.	4.2	1
94	Mechanical alternatives to the human heart: future devices. <i>Israel Medical Association Journal</i> , 2002, 4, 290-3.	0.1	1
95	Discrete subaortic stenosis. <i>Annals of Thoracic Surgery</i> , 1993, 55, 1279-1280.	1.3	0
96	Regulation of lung transplantation in China. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 1321.	0.6	0
97	The Uninvestigated Factor Behind the Negative Attitudes Toward Cadaveric Organ Donation in China. <i>Transplantation</i> , 2014, 98, e78-e79.	1.0	0
98	Ethnic disparity in Israel impacts long-term results after heart transplantation. <i>Israel Journal of Health Policy Research</i> , 2019, 8, 3.	2.6	0
99	Reply to Chen et al.. <i>Transplant International</i> , 2020, 33, 819-820.	1.6	0
100	Abstract 009: Cardiac Human Mesenchymal Stromal Cells from Patients with Ischemic Heart Disease are Proinflammatory and Impair Recovery after Myocardial Infarction in Rat. <i>Circulation Research</i> , 2013, 113, .	4.5	0
101	Mechanical alternatives to the human heart: intracorporeal assist systems and total artificial heart. <i>Israel Medical Association Journal</i> , 2002, 4, 209-12.	0.1	0
102	Trends and Outcomes in Heart Transplantation over the Past Three Decades: A Single Tertiary Center Experience in Israel. <i>Israel Medical Association Journal</i> , 2018, 20, 567-572.	0.1	0
103	Kidney Cancer Following Heart Transplantation, a Common Presentation of an Uncommon Malignancy: A Unique Case Series. <i>Israel Medical Association Journal</i> , 2020, 22, 285-288.	0.1	0
104	Relation of Age to Risk of Major Rejections, Allograft Vasculopathy, and Long-Term Mortality in a Contemporary Cohort of Patients Undergoing Heart Transplantation. <i>Israel Medical Association Journal</i> , 2020, 22, 552-556.	0.1	0