

Arthur R Garan

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

3,691
citations

117453

34
h-index

155451

55
g-index

108
all docs

108
docs citations

108
times ranked

3246
citing authors

#	ARTICLE	IF	CITATIONS
1	Left Ventricular Unloading During Extracorporeal Membrane Oxygenation in Patients With Cardiogenic Shock. <i>Journal of the American College of Cardiology</i> , 2019, 73, 654-662.	1.2	276
2	Position paper for the organization of ECMO programs for cardiac failure in adults. <i>Intensive Care Medicine</i> , 2018, 44, 717-729.	3.9	230
3	Ventricular Arrhythmias and Implantable Cardioverter-Defibrillator Therapy in Patients With Continuous-Flow Left Ventricular Assist Devices. <i>Journal of the American College of Cardiology</i> , 2013, 61, 2542-2550.	1.2	157
4	Invasive Hemodynamic Assessment and Classification of In-Hospital Mortality Risk Among Patients With Cardiogenic Shock. <i>Circulation: Heart Failure</i> , 2020, 13, e007099.	1.6	151
5	Value of Hemodynamic Monitoring in Patients With Cardiogenic Shock Undergoing Mechanical Circulatory Support. <i>Circulation</i> , 2020, 141, 1184-1197.	1.6	123
6	Extracorporeal cardiopulmonary resuscitation in adults: evidence and implications. <i>Intensive Care Medicine</i> , 2022, 48, 1-15.	3.9	114
7	Aortic Insufficiency During Contemporary Left Ventricular Assist Device Support. <i>JACC: Heart Failure</i> , 2018, 6, 951-960.	1.9	106
8	Left ventricular distension and venting strategies for patients on venoarterial extracorporeal membrane oxygenation. <i>Journal of Thoracic Disease</i> , 2019, 11, 1676-1683.	0.6	102
9	Improved outcomes from extracorporeal membrane oxygenation versus ventricular assist device temporary support of primary graft dysfunction in heart transplant. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 650-656.	0.3	88
10	Mechanical Left Ventricular Unloading in Patients Undergoing Venoarterial Extracorporeal Membrane Oxygenation. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1239-1250.	1.2	81
11	Bleeding and thrombotic events in adults supported with venovenous extracorporeal membrane oxygenation: an ELSO registry analysis. <i>Intensive Care Medicine</i> , 2022, 48, 213-224.	3.9	78
12	Phenotyping Cardiogenic Shock. <i>Journal of the American Heart Association</i> , 2021, 10, e020085.	1.6	74
13	Criteria for Defining Stages of Cardiogenic Shock Severity. <i>Journal of the American College of Cardiology</i> , 2022, 80, 185-198.	1.2	74
14	Early post-operative ventricular arrhythmias in patients with continuous-flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1611-1616.	0.3	70
15	Left Ventricular Decompression During Speed Optimization Ramps in Patients Supported by Continuous-Flow Left Ventricular Assist Devices: Device-Specific Performance Characteristics and Impact on Diagnostic Algorithms. <i>Journal of Cardiac Failure</i> , 2015, 21, 785-791.	0.7	69
16	Sex-Related Differences in Use and Outcomes of Left Ventricular Assist Devices as Bridge to Transplantation. <i>JACC: Heart Failure</i> , 2019, 7, 250-257.	1.9	66
17	Continuous-flow left ventricular assist devices and usefulness of a standardized strategy to reduce drive-line infections. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 108-114.	0.3	65
18	Gut microbiota, endotoxemia, inflammation, and oxidative stress in patients with heart failure, left ventricular assist device, and transplant. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 880-890.	0.3	65

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19	The Unique Blood Pressures and Pulsatility of LVAD Patients: Current Challenges and Future Opportunities. <i>Current Hypertension Reports</i> , 2017, 19, 85.	1.5	61
20	Clinical and hemodynamic effects of intra-aortic balloon pump therapy in chronic heart failure patients with cardiogenic shock. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1313-1321.	0.3	61
21	EC-VAD: Combined Use of Extracorporeal Membrane Oxygenation and Percutaneous Microaxial Pump Left Ventricular Assist Device. <i>ASAIO Journal</i> , 2019, 65, 219-226.	0.9	50
22	Risk of severe primary graft dysfunction in patients bridged to heart transplantation with continuous-flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1433-1442.	0.3	49
23	Impact of Bridge to Transplantation With Continuous-Flow Left Ventricular Assist Devices on Posttransplantation Mortality. <i>Circulation</i> , 2019, 140, 459-469.	1.6	49
24	Cost-effectiveness of Dapagliflozin for the Treatment of Heart Failure With Reduced Ejection Fraction. <i>JAMA Network Open</i> , 2021, 4, e2114501.	2.8	49
25	Minimally invasive CentriMag ventricular assist device support integrated with extracorporeal membrane oxygenation in cardiogenic shock patients: a comparison with conventional CentriMag biventricular support configuration. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 1055-1061.	0.6	48
26	Implantable Cardioverter-Defibrillators in Patients With a Continuous-Flow Left Ventricular Assist Device. <i>JACC: Heart Failure</i> , 2017, 5, 916-926.	1.9	47
27	Prospective Comparison of a Percutaneous Ventricular Assist Device and Venoarterial Extracorporeal Membrane Oxygenation for Patients With Cardiogenic Shock Following Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2019, 8, e012171.	1.6	47
28	Ventricular Assist Device Utilization in Heart Transplant Candidates. <i>Circulation: Heart Failure</i> , 2018, 11, e004586.	1.6	44
29	Extracorporeal membrane oxygenation for primary graft dysfunction after heart transplant. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 1576-1584.e3.	0.4	44
30	Hemocompatibility-Related Adverse Events and Survival on Venoarterial Extracorporeal Life Support. <i>JACC: Heart Failure</i> , 2020, 8, 892-902.	1.9	44
31	Dose-dependent association between amiodarone and severe primary graft dysfunction in orthotopic heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 1226-1233.	0.3	42
32	Comparison of the Hemodynamic Response to Intra-Aortic Balloon Counterpulsation in Patients With Cardiogenic Shock Resulting from Acute Myocardial Infarction Versus Acute Decompensated Heart Failure. <i>American Journal of Cardiology</i> , 2019, 124, 1947-1953.	0.7	42
33	Catheter Ablation for Ventricular Tachyarrhythmias in Patients Supported by Continuous-Flow Left Ventricular Assist Devices. <i>ASAIO Journal</i> , 2014, 60, 311-316.	0.9	40
34	Novel percutaneous dual-lumen cannula-based right ventricular assist device provides effective support for refractory right ventricular failure after left ventricular assist device implantation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 499-506.	0.5	39
35	Hypertension and Stroke in Patients with Left Ventricular Assist Devices (LVADs). <i>Current Hypertension Reports</i> , 2016, 18, 12.	1.5	38
36	Changes in End-Organ Function in Patients With Prolonged Continuous-Flow Left Ventricular Assist Device Support. <i>Annals of Thoracic Surgery</i> , 2017, 103, 717-724.	0.7	38

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37	ECMO as a Bridge to Left Ventricular Assist Device or Heart Transplantation. <i>JACC: Heart Failure</i> , 2021, 9, 281-289.	1.9	32
38	Prior hematologic conditions carry a high morbidity and mortality in patients supported with continuous-flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 1119-1125.	0.3	31
39	The role of implantable cardioverter defibrillators in patients bridged to transplantation with a continuous-flow left ventricular assist device: A propensity score matched analysis. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 633-639.	0.3	30
40	Comparison of Percutaneous and Surgical Right Ventricular Assist Device Support After Durable Left Ventricular Assist Device Insertion. <i>Journal of Cardiac Failure</i> , 2019, 25, 105-113.	0.7	30
41	Atrial Fibrillation in Patients With Left Ventricular Assist Devices. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 793-798.	1.3	28
42	Prevalence, Predictors, and Prognostic Value of Residual Tricuspid Regurgitation in Patients With Left Ventricular Assist Device. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	28
43	Usefulness of Tricuspid Annular Diameter to Predict Late Right Sided Heart Failure in Patients With Left Ventricular Assist Device. <i>American Journal of Cardiology</i> , 2018, 122, 115-120.	0.7	26
44	Predictors of survival and ability to wean from short-term mechanical circulatory support device following acute myocardial infarction complicated by cardiogenic shock. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018, 7, 755-765.	0.4	26
45	End of Life with Left Ventricular Assist Device in Both Bridge to Transplant and Destination Therapy. <i>Journal of Palliative Medicine</i> , 2018, 21, 1284-1289.	0.6	26
46	Aortic root thrombosis in patients supported with continuous-flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1425-1432.	0.3	25
47	Risk Prediction in Cardiogenic Shock: Current State of Knowledge, Challenges and Opportunities. <i>Journal of Cardiac Failure</i> , 2021, 27, 1099-1110.	0.7	25
48	Limited usefulness of endoscopic evaluation in patients with continuous-flow left ventricular assist devices and gastrointestinal bleeding. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 723-732.	0.3	23
49	Durability and clinical impact of tricuspid valve procedures in patients receiving a continuous-flow left ventricular assist device. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 520-527.e1.	0.4	22
50	Bridge to durable left ventricular assist device for refractory cardiogenic shock. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 752-762.e5.	0.4	22
51	Long-term management of end-stage heart failure. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2017, 31, 153-166.	1.7	22
52	Withdrawal of Left Ventricular Assist Devices: A Retrospective Analysis from a Single Institution. <i>Journal of Palliative Medicine</i> , 2020, 23, 368-374.	0.6	22
53	Cystatin C- Versus Creatinine-Based Assessment of Renal Function and Prediction of Early Outcomes Among Patients With a Left Ventricular Assist Device. <i>Circulation: Heart Failure</i> , 2020, 13, e006326.	1.6	22
54	A continuous-flow external ventricular assist device for cardiogenic shock: Evolution over 10 years. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 157-165.e1.	0.4	21

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55	Prognostic value of vasoactive-inotropic score following continuous flow left ventricular assist device implantation. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 930-938.	0.3	21
56	Outcomes Associated with Obesity in Patients Undergoing Left Ventricular Assist Device Implantation: A Systematic Review and Meta-Analysis. <i>ASAIO Journal</i> , 2020, 66, 401-408.	0.9	21
57	Prognostic implications of serial outpatient blood pressure measurements in patients with an axial continuous-flow left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 396-405.	0.3	20
58	Incidence and risk factors of groin lymphocele formation after venoarterial extracorporeal membrane oxygenation in cardiogenic shock patients. <i>Journal of Vascular Surgery</i> , 2018, 67, 542-548.	0.6	19
59	Peak exercise capacity is a poor indicator of functional capacity for patients supported by a continuous-flow left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 213-215.	0.3	18
60	Novel minimally invasive surgical approach using an external ventricular assist device and extracorporeal membrane oxygenation in refractory cardiogenic shock. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, ezw349.	0.6	17
61	Transcranial Doppler is an effective method in assessing cerebral blood flow patterns during peripheral venoarterial extracorporeal membrane oxygenation. <i>Journal of Cardiac Surgery</i> , 2019, 34, 447-452.	0.3	17
62	Adverse Event Profile Associated with Prolonged Use of CentriMag Ventricular Assist Device for Refractory Cardiogenic Shock. <i>ASAIO Journal</i> , 2019, 65, 806-811.	0.9	17
63	The influence of advanced age on venous-arterial extracorporeal membrane oxygenation outcomes. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 1151-1157.	0.6	16
64	Gut microbial diversity, inflammation, and oxidative stress are associated with tacrolimus dosing requirements early after heart transplantation. <i>PLoS ONE</i> , 2020, 15, e0233646.	1.1	15
65	Epicardial Catheter Ablation Through Subxiphoid Surgical Approach in a Patient With Implanted Left Ventricular Assist Device and Cannula-Related Ventricular Tachycardia. <i>Circulation: Heart Failure</i> , 2014, 7, 868-869.	1.6	14
66	Predictors of Survival for Patients with Acute Decompensated Heart Failure Requiring Extra-Corporeal Membrane Oxygenation Therapy. <i>ASAIO Journal</i> , 2019, 65, 781-787.	0.9	14
67	Palliative Care Consultation in Cardiogenic Shock Requiring Short-Term Mechanical Circulatory Support: A Retrospective Cohort Study. <i>Journal of Palliative Medicine</i> , 2019, 22, 432-436.	0.6	14
68	Discriminatory performance of positive urine hemoglobin for detection of significant hemolysis in patients with continuous-flow left ventricular assist devices. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 59-63.	0.3	11
69	Association between recipient blood type and heart transplantation outcomes in the United States. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 363-370.	0.3	11
70	Non-invasive measurement of peripheral, central and 24-hour blood pressure in patients with continuous-flow left ventricular assist device. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 694-697.	0.3	10
71	Outcomes of bridge to cardiac retransplantation in the contemporary mechanical circulatory support era. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 171-181.e1.	0.4	10
72	<sc>VA</sc>â€<sc>ECMO</sc> for cardiogenic shock in the contemporary era of heart transplantation: Which patients should be urgently transplanted?. <i>Clinical Transplantation</i> , 2018, 32, e13356.	0.8	8

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73	Ethical Considerations for Mechanical Support. <i>Anesthesiology Clinics</i> , 2019, 37, 661-673.	0.6	8
74	Minimally invasive central venoarterial extracorporeal membrane oxygenation for long-term ambulatory support as a bridge to heart-lung transplant. <i>Journal of Artificial Organs</i> , 2020, 23, 394-396.	0.4	8
75	Increased Rate of Pump Thrombosis and Cardioembolic Events Following Ventricular Tachycardia Ablation in Patients Supported With Left Ventricular Assist Devices. <i>ASAIO Journal</i> , 2020, 66, 1127-1136.	0.9	8
76	Hospice Use and Palliative Care for Patients With Heart Failure. <i>JAMA Cardiology</i> , 2018, 3, 926.	3.0	7
77	Use of cangrelor during venoarterial extracorporeal membrane oxygenation following percutaneous coronary intervention. <i>Artificial Organs</i> , 2020, 44, 339-340.	1.0	7
78	Mechanical Circulatory Support for Right Ventricular Failure. <i>Cardiac Failure Review</i> , 2022, 8, e14.	1.2	7
79	Late outcomes of subcostal exchange of the HeartMate II left ventricular assist device: a word of caution. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 652-656.	0.6	6
80	Abciximab/Heparin Therapy for Left Ventricular Assist Device Implantation in Patients With Heparin-Induced Thrombocytopenia. <i>Annals of Thoracic Surgery</i> , 2018, 105, 122-128.	0.7	6
81	Meta-Analysis Comparing Risk for Adverse Outcomes After Left Ventricular Assist Device Implantation in Patients With Versus Without Diabetes Mellitus. <i>American Journal of Cardiology</i> , 2019, 124, 1918-1923.	0.7	6
82	Endoscopic Algorithm for Management of Gastrointestinal Bleeding in Patients With Continuous Flow LVADs: A Prospective Validation Study. <i>Journal of Cardiac Failure</i> , 2020, 26, 324-332.	0.7	6
83	Predictors of Survival and Ventricular Recovery Following Acute Myocardial Infarction Requiring Extracorporeal Membrane Oxygenation Therapy. <i>ASAIO Journal</i> , 2022, 68, 800-807.	0.9	6
84	Alteration in systemic vascular resistance and cardiac output during acute cellular rejection and recovery in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2010, 29, 382-384.	0.3	5
85	Impact of Obesity on Readmission in Patients With Left Ventricular Assist Devices. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1192-1198.	0.7	5
86	Midterm Outcomes of Bridge-to-Recovery Patients After Short-Term Mechanical Circulatory Support. <i>Annals of Thoracic Surgery</i> , 2019, 108, 524-530.	0.7	5
87	Atrial Fibrillation Is Associated with Recurrent Ventricular Arrhythmias After LVAD Implant: Incidence and Impact in a Consecutive Series. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 199-203.	1.1	5
88	Increased Aortic Stiffness Is Associated With Higher Rates of Stroke, Gastrointestinal Bleeding and Pump Thrombosis in Patients With a Continuous Flow Left Ventricular Assist Device. <i>Journal of Cardiac Failure</i> , 2021, 27, 696-699.	0.7	5
89	Role of computed tomography angiography for HeartMate II left ventricular assist device thrombosis. <i>International Journal of Artificial Organs</i> , 2018, 41, 325-332.	0.7	4
90	Red Cell Distribution Width Predicts 90 Day Mortality in Continuous-Flow Left Ventricular Assist Device Patients. <i>ASAIO Journal</i> , 2019, 65, 233-240.	0.9	4

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91	Impella percutaneous left ventricular assist device as mechanical circulatory support for cardiogenic shock: A retrospective analysis from a tertiary academic medical center. <i>Catheterization and Cardiovascular Interventions</i> , 2020, , .	0.7	4
92	C-Reactive Protein Levels Predict Outcomes in Continuous-Flow Left Ventricular Assist Device Patients. <i>ASAIO Journal</i> , 2021, Publish Ahead of Print, 884-890.	0.9	4
93	Floating Clots in the Descending Aorta. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	3
94	Impact of Sharing O Heart With Non-O Recipients: Simulation in the United Network for Organ Sharing Registry. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1356-1363.	0.7	3
95	Ten-year outcomes of extracorporeal life support for in-hospital cardiac arrest at a tertiary center. <i>Journal of Artificial Organs</i> , 2020, 23, 321-327.	0.4	3
96	Challenges Facing Heart Failure Patients With Limited English Proficiency. <i>JACC: Heart Failure</i> , 2022, , .	1.9	3
97	Left ventricular decompression on Veno-arterial extracorporeal membrane oxygenation with intra-aortic balloon Counterpulsation. <i>Journal of Cardiothoracic Surgery</i> , 2019, 14, 153.	0.4	2
98	Effect of Pulmonary Hypertension on Transplant Outcomes in Patients With Ventricular Assist Devices. <i>Annals of Thoracic Surgery</i> , 2020, 110, 158-164.	0.7	2
99	Cardiogenic Shock in Older Adults. <i>Current Cardiovascular Risk Reports</i> , 2016, 10, 1.	0.8	1
100	Retrospective evaluation of echocardiographic variables for prediction of heart failure hospitalization in heart failure with preserved versus reduced ejection fraction: A single center experience. <i>PLoS ONE</i> , 2020, 15, e0244379.	1.1	1
101	Differences Between the Effects of ICDs in Patients Awaiting Heart Transplantation With Pulsatile-Flow and Continuous-Flow LVADs. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 789-790.	1.3	0
102	Use of Durable Continuous-Flow Ventricular Assist Devices in Patients on Immunosuppression. <i>ASAIO Journal</i> , 2018, 64, 334-337.	0.9	0
103	Abstract 16064: Mechanical Left Ventricular Venting is Associated With Improved Survival in Adults Undergoing Venoarterial Extracorporeal Life Support: An ELSO Registry Analysis. <i>Circulation</i> , 2020, 142, .	1.6	0
104	Predictors of Hemodynamic Response to Intra-Aortic Balloon Pump Therapy in Patients With Acute Decompensated Heart Failure and Cardiogenic Shock. <i>Journal of Invasive Cardiology</i> , 2021, 33, E275-E280.	0.4	0
105	Abstract 21416: Variation Across Centers and Predictors of Initial Immunosuppression Strategy After Heart Transplant. <i>Circulation</i> , 2017, 136, .	1.6	0
106	Abstract 20932: Dynamic Regulation of Myocardial Long Noncoding RNAs in Human Heart Failure and Reverse Remodeling With Left Ventricular Assist Device Support. <i>Circulation</i> , 2017, 136, .	1.6	0
107	Abstract 21350: Outcomes With Steroid-Free Maintenance Immunosuppression After Heart Transplant: Results From the United Network for Organ Sharing Registry. <i>Circulation</i> , 2017, 136, .	1.6	0