

# Myriam Amsallem

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,331  
citations

471509

17  
h-index

395702

33  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2462  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Choreography of Acute Exercise. <i>Cell</i> , 2020, 181, 1112-1130.e16.	28.9	261
2	Addressing the Controversy of Estimating Pulmonary Arterial Pressure by Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 93-102.	2.8	111
3	Forgotten No More. <i>JACC: Heart Failure</i> , 2018, 6, 891-903.	4.1	99
4	Right Heart End-Systolic Remodeling Index Strongly Predicts Outcomes in Pulmonary Arterial Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	72
5	In Situ Antegrade Laser Fenestrations During Endovascular Aortic Repair. <i>European Journal of Vascular and Endovascular Surgery</i> , 2018, 56, 356-362.	1.5	51
6	Dual-Modality Activity-Based Probes as Molecular Imaging Agents for Vascular Inflammation. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1583-1590.	5.0	39
7	Right heart imaging in patients with heart failure. <i>Current Opinion in Cardiology</i> , 2016, 31, 469-482.	1.8	39
8	Mechanics of right ventricular dysfunction in pulmonary arterial hypertension and heart failure with preserved ejection fraction. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1580-1603.	1.7	35
9	Predicting post-operative right ventricular failure using video-based deep learning. <i>Nature Communications</i> , 2021, 12, 5192.	12.8	32
10	Value of Neutrophil to Lymphocyte Ratio and Its Trajectory in Patients Hospitalized With Acute Heart Failure and Preserved Ejection Fraction. <i>American Journal of Cardiology</i> , 2020, 125, 229-235.	1.6	29
11	First Reported Human Case of Native Mitral Infective Endocarditis Caused by <i>Streptococcus canis</i> . <i>Canadian Journal of Cardiology</i> , 2014, 30, 1462.e1-1462.e2.	1.7	27
12	The Incremental Value of Right Ventricular Size and Strain in the Risk Assessment of Right Heart Failure Post - Left Ventricular Assist Device Implantation. <i>Journal of Cardiac Failure</i> , 2018, 24, 823-832.	1.7	26
13	Noninvasive right ventricular load adaptability indices in patients with scleroderma-associated pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2018, 8, 1-11.	1.7	22
14	Subclinical left atrial dysfunction profiles for prediction of cardiac outcome in the general population. <i>Journal of Hypertension</i> , 2020, 38, 2465-2474.	0.5	22
15	Comparative assessment of ascending aortic aneurysms in Marfan patients using ECG-gated computerized tomographic angiography versus trans-thoracic echocardiography. <i>International Journal of Cardiology</i> , 2015, 184, 22-27.	1.7	21
16	Impact of the initiation of balloon pulmonary angioplasty program on referral of patients with chronic thromboembolic pulmonary hypertension to surgery. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1102-1110.	0.6	20
17	Early and late outcomes after trans-catheter aortic valve implantation in patients with previous chest radiation. <i>Heart</i> , 2016, 102, 1044-1051.	2.9	18
18	Editor's Choice-Medically managed patients with non-ST-elevation acute myocardial infarction have heterogeneous outcomes, based on performance of angiography and extent of coronary artery disease. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017, 6, 262-271.	1.0	18

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19	Regional right ventricular dysfunction in acute pulmonary embolism: relationship with clot burden and biomarker profile. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 389-398.	1.5	17
20	Stem cell therapy targeting the right ventricle in pulmonary arterial hypertension: is it a potential avenue of therapy?. <i>Pulmonary Circulation</i> , 2018, 8, 1-17.	1.7	17
21	Speckle tracking echocardiography can predict subclinical myocardial involvement in patients with sarcoidosis: A meta-analysis. <i>Echocardiography</i> , 2020, 37, 2061-2070.	0.9	17
22	Preliminary Experience Using Diastolic Right Ventricular Pressure Gradient Monitoring in Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 2116-2125.	1.3	17
23	Donor and Recipient Size Matching in Heart Transplantation With Predicted Heart and Lean Body Mass. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 158-167.	0.6	17
24	Challenging the complementarity of different metrics of left atrial function: insight from a cardiomyopathy-based study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1153-1162.	1.2	16
25	Current Knowledge and Recent Advances of Right Ventricular Molecular Biology and Metabolism from Congenital Heart Disease to Chronic Pulmonary Hypertension. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	16
26	Right ventricular load adaptability metrics in patients undergoing left ventricular assist device implantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1023-1033.e4.	0.8	16
27	Targeted proteomics of right heart adaptation to pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2021, 57, 2002428.	6.7	16
28	Load Adaptability in Patients With Pulmonary Arterial Hypertension. <i>American Journal of Cardiology</i> , 2017, 120, 874-882.	1.6	15
29	Ticagrelor effectiveness overestimated by VASP index. <i>International Journal of Cardiology</i> , 2014, 176, 557-559.	1.7	14
30	Early Development of Right Ventricular Ischemic Lesions in a Novel Large Animal Model of Acute Right Heart Failure in Chronic Thromboembolic Pulmonary Hypertension. <i>Journal of Cardiac Failure</i> , 2017, 23, 876-886.	1.7	14
31	Echocardiographic evaluations of right ventriculo-arterial coupling in experimental and clinical pulmonary hypertension. <i>Physiological Reports</i> , 2019, 7, e14322.	1.7	14
32	Predictors of High On-Aspirin Platelet Reactivity in High-Risk Vascular Patients Treated With Single or Dual Antiplatelet Therapy. <i>American Journal of Cardiology</i> , 2015, 115, 1305-1310.	1.6	13
33	Magnetic Resonance Imaging and Positron Emission Tomography Approaches to Imaging Vascular and Cardiac Inflammation. <i>Circulation Journal</i> , 2016, 80, 1269-1277.	1.6	13
34	Investigating the value of right heart echocardiographic metrics for detection of pulmonary hypertension in patients with advanced lung disease. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 825-835.	1.5	13
35	Exercise Strain Echocardiography in Patients With a Hemodynamically Significant Myocardial Bridge Assessed by Physiological Study. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	12
36	Autologous endothelial progenitor cell therapy improves right ventricular function in a model of chronic thromboembolic pulmonary hypertension. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 655-666.e7.	0.8	12

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37	Incremental value of diastolic stress test in identifying subclinical heart failure in patients with diabetes mellitus. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 876-884.	1.2	12
38	CTA pulmonary artery enlargement in patients with severe aortic stenosis: Prognostic impact after TAVR. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 431-440.	1.3	10
39	Cardiogenic Shock: Reflections at the Crossroad Between Perfusion, Tissue Hypoxia, and Mitochondrial Function. <i>Canadian Journal of Cardiology</i> , 2020, 36, 184-196.	1.7	9
40	The Right Heart Network and Risk Stratification in Pulmonary Arterial Hypertension. <i>Chest</i> , 2022, 161, 1347-1359.	0.8	9
41	Assessment of Left Ventricular Diastolic Function by Transesophageal Echocardiography Before Cardiopulmonary Bypass: Clinical Implications of a Restrictive Profile. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 2394-2401.	1.3	8
42	Assessment of right ventricular function following left ventricular assist device (LVAD) implantation—The role of speckle-tracking echocardiography: A meta-analysis. <i>Echocardiography</i> , 2020, 37, 2048-2060.	0.9	8
43	Preoperative C-reactive protein predicts early postoperative outcomes after pulmonary endarterectomy in patients with chronic thromboembolic pulmonary hypertension. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 1532-1542.e5.	0.8	7
44	Circulating whole genome miRNA expression corresponds to progressive right ventricle enlargement and systolic dysfunction in adults with tetralogy of Fallot. <i>PLoS ONE</i> , 2020, 15, e0241476.	2.5	7
45	Physiology of the Assisted Circulation in Cardiogenic Shock: A State-of-the-Art Perspective. <i>Canadian Journal of Cardiology</i> , 2020, 36, 170-183.	1.7	6
46	Optical Coherence Tomography Imaging of Takayasu Coronary Arteritis. <i>Canadian Journal of Cardiology</i> , 2014, 30, 464.e13-464.e14.	1.7	5
47	Optimizing right ventricular focused four-chamber views using three-dimensional imaging, a comparative magnetic resonance based study. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 1409-1417.	1.5	5
48	Approaching Higher Dimension Imaging Data Using Cluster-Based Hierarchical Modeling in Patients with Heart Failure Preserved Ejection Fraction. <i>Scientific Reports</i> , 2019, 9, 10431.	3.3	5
49	Optimal Tricuspid Regurgitation Velocity to Screen for Pulmonary Hypertension in Tertiary Referral Centers. <i>Chest</i> , 2021, 160, 2209-2219.	0.8	5
50	Hemodynamic trajectories and outcomes in patients with pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2020, 10, 204589402094134.	1.7	4
51	Quantifying the Influence of Wedge Pressure, Age, and Heart Rate on the Systolic Thresholds for Detection of Pulmonary Hypertension. <i>Journal of the American Heart Association</i> , 2020, 9, e016265.	3.7	4
52	Limitations of right ventricular annular parameters in the early postoperative period following pulmonary endarterectomy: an observational study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 191-198.	1.1	4
53	Insulin Growth Factor Phenotypes in Heart Failure With Preserved Ejection Fraction, an INSPIRE Registry and CATHGEN Study. <i>Journal of Cardiac Failure</i> , 2022, 28, 935-946.	1.7	2
54	Questioning the pathogenic role of the pTyr791Phe mutation of the RET proto-oncogene: Insight from a case report. <i>Annales D'Endocrinologie</i> , 2015, 76, 690-694.	1.4	1

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55	Full Circle on Pulmonary Flow Dynamics in Pulmonary Arterial Hypertension. JACC: Cardiovascular Imaging, 2017, 10, 1278-1280.	5.3	1
56	Echocardiographic Assessment of Left Ventricular Remodeling in American Style Footballers. International Journal of Sports Medicine, 2020, 41, 27-35.	1.7	1
57	THE COMPLEMENTARY VALUE OF THE GET WITH THE GUIDELINES: HEART FAILURE RISK SCORE AND LABORATORY MARKERS AT DISCHARGE IN PREDICTING MORTALITY IN PATIENTS HOSPITALIZED WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION. Journal of the American College of Cardiology, 2018, 71, A839.	2.8	0
58	Reply. JACC: Heart Failure, 2019, 7, 279-280.	4.1	0
59	Abstract 14250: Semi-automated Analysis of Tricuspid Regurgitation Doppler Profile for Detection and Evaluation of Pulmonary Hypertension. Circulation, 2020, 142, .	1.6	0
60	Induction and Phenotyping of Acute Right Heart Failure in a Large Animal Model of Chronic Thromboembolic Pulmonary Hypertension. Journal of Visualized Experiments, 2022, , .	0.3	0
61	Title is missing!. , 2020, 15, e0241476.		0
62	Title is missing!. , 2020, 15, e0241476.		0
63	Title is missing!. , 2020, 15, e0241476.		0
64	Title is missing!. , 2020, 15, e0241476.		0