

Juan Lopez-Mattei

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

2,047
citations

304743

22
h-index

302126

39
g-index

109
all docs

109
docs citations

109
times ranked

2327
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune Checkpoint Inhibitor Myocarditis: Pathophysiological Characteristics, Diagnosis, and Treatment. <i>Journal of the American Heart Association</i> , 2020, 9, e013757.	3.7	240
2	Percutaneous coronary intervention in cancer patients: a report of the prevalence and outcomes in the United States. <i>European Heart Journal</i> , 2019, 40, 1790-1800.	2.2	115
3	Understanding Social Media. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1089-1093.	2.8	106
4	Acute myocardial infarction treatments and outcomes in 6.5 million patients with a current or historical diagnosis of cancer in the USA. <i>European Heart Journal</i> , 2020, 41, 2183-2193.	2.2	87
5	Cardiovascular Manifestations From Therapeutic Radiation. <i>JACC: CardioOncology</i> , 2021, 3, 360-380.	4.0	81
6	Past, Present, and Future of Radiation-Induced Cardiotoxicity: Refinements in Targeting, Surveillance, and Risk Stratification. <i>JACC: CardioOncology</i> , 2021, 3, 343-359.	4.0	76
7	Incidence and Onset of Severe Cardiac Events After Radiotherapy for Esophageal Cancer. <i>Journal of Thoracic Oncology</i> , 2020, 15, 1682-1690.	1.1	63
8	Evaluation and Management of Cardiac Tumors. Current Treatment Options in Cardiovascular Medicine, 2018, 20, 29.	0.9	58
9	Carcinoid heart disease. <i>Heart</i> , 2017, 103, 1488-1495.	2.9	56
10	Comparative Assessment of Mitral Regurgitation Severity by Transthoracic Echocardiography and Cardiac Magnetic Resonance Using an Integrative and Quantitative Approach. <i>American Journal of Cardiology</i> , 2016, 117, 264-270.	1.6	51
11	Immune checkpoint inhibitor myocarditis: elucidating the spectrum of disease through endomyocardial biopsy. <i>European Journal of Heart Failure</i> , 2021, 23, 1725-1735.	7.1	51
12	Stress-Induced Cardiomyopathy in Cancer Patients. <i>American Journal of Cardiology</i> , 2017, 120, 2284-2288.	1.6	50
13	Progressive and Reversible Conduction Disease With Checkpoint Inhibitors. <i>Canadian Journal of Cardiology</i> , 2017, 33, 1335.e13-1335.e15.	1.7	46
14	Targeted Cancer Therapies With Pericardial Effusions Requiring Pericardiocentesis Focusing on Immune Checkpoint Inhibitors. <i>American Journal of Cardiology</i> , 2019, 123, 1351-1357.	1.6	41
15	Role of cardiovascular imaging for the diagnosis and prognosis of cardiac amyloidosis. <i>Open Heart</i> , 2018, 5, e000881.	2.3	38
16	The Role of Cardiac Magnetic Resonance in Valvular Heart Disease. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 9, 142.	1.0	37
17	Safety of Diagnostic and Therapeutic Cardiac Catheterization in Cancer Patients With Acute Coronary Syndrome and Chronic Thrombocytopenia. <i>American Journal of Cardiology</i> , 2018, 122, 1465-1470.	1.6	36
18	Impact of COVID-19 on Cardiovascular Testing in the United States Versus the Rest of the World. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1787-1799.	5.3	32

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19	Takotsubo Stress Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1143-1144.	2.8	31
20	Chemotherapeutic Agents and the Risk of Ischemia and Arterial Thrombosis. <i>Current Atherosclerosis Reports</i> , 2018, 20, 10.	4.8	31
21	Immunomodulatory treatment of immune checkpoint inhibitor-induced myocarditis: Pathway toward precision-based therapy. <i>Cardiovascular Pathology</i> , 2020, 47, 107211.	1.6	31
22	Coronary Artery Dose-Volume Parameters Predict Risk of Calcification After Radiation Therapy. <i>Journal of Cardiovascular Imaging</i> , 2019, 27, 268.	0.7	30
23	“Bringing on the light” in a complex clinical scenario: Optical coherence tomography-guided discontinuation of antiplatelet therapy in cancer patients with coronary artery disease (PROTECT-OCT) Tj ETQq1 1 0.784314 28BT /Over	0.784314	28
24	Cardiovascular manifestations of Erdheim-Chester disease. <i>Echocardiography</i> , 2019, 36, 229-236.	0.9	24
25	Prognostic Value of Delayed Enhancement Cardiac Magnetic Resonance Imaging in Mitral Valve Repair. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1557-1563.	1.3	23
26	An update on the management and outcomes of cancer patients with severe aortic stenosis. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 438-445.	1.7	22
27	Cardiac amyloidosis. <i>Expert Review of Cardiovascular Therapy</i> , 2014, 12, 265-277.	1.5	21
28	Cardiac computed tomography in the contemporary evaluation of infective endocarditis. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 304-312.	1.3	21
29	Machine Learning-Augmented Propensity Score Analysis of Percutaneous Coronary Intervention in Over 30 Million Cancer and Non-cancer Patients. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 620857.	2.4	20
30	Differentiation of Cardiac Masses by Cardiac Magnetic Resonance Imaging. <i>Current Cardiovascular Imaging Reports</i> , 2020, 13, 1.	0.6	18
31	Fulminant Vascular and Cardiac Toxicity Associated with Tyrosine Kinase Inhibitor Sorafenib. <i>Cardiovascular Toxicology</i> , 2019, 19, 382-387.	2.7	17
32	Cardiac toxicities of anticancer treatments. <i>Current Opinion in Cardiology</i> , 2019, 34, 441-450.	1.8	16
33	Acute myocardial infarction in a high-risk cancer population: Outcomes following conservative versus invasive management. <i>International Journal of Cardiology</i> , 2020, 313, 1-8.	1.7	16
34	Percutaneous Coronary Intervention and Outcomes in Patients With Lymphoma in the United States (Nationwide Inpatient Sample [NIS] Analysis). <i>American Journal of Cardiology</i> , 2019, 124, 1190-1197.	1.6	15
35	Multimodality imaging in carcinoid heart disease. <i>Open Heart</i> , 2019, 6, e001060.	2.3	15
36	Applications of Cardiac Computed Tomography in the Cardio-Oncology Population. <i>Current Treatment Options in Oncology</i> , 2019, 20, 47.	3.0	15

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37	High-Flow Nasal Cannula Therapy for Exertional Dyspnea in Patients with Cancer: A Pilot Randomized Clinical Trial. <i>Oncologist</i> , 2021, 26, e1470-e1479.	3.7	15
38	Impact of cancer diagnosis on causes and outcomes of 5.9 million US patients with cardiovascular admissions. <i>International Journal of Cardiology</i> , 2021, 341, 76-83.	1.7	15
39	Resolution of Myelofibrosis-Associated Pulmonary Arterial Hypertension following Allogeneic Hematopoietic Stem Cell Transplantation. <i>Pulmonary Circulation</i> , 2016, 6, 611-613.	1.7	14
40	Building Bridges in Cardiology and Radiology. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2534-2538.	2.8	14
41	Contemporary impacts of a cancer diagnosis on survival following in-hospital cardiac arrest. <i>Resuscitation</i> , 2019, 142, 30-37.	3.0	14
42	Leveraging Social Media for Cardio-Oncology. <i>Current Treatment Options in Oncology</i> , 2020, 21, 83.	3.0	14
43	Interventional Cardio-Oncology: Adding a New Dimension to the Cardio-Oncology Field. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 48.	2.4	13
44	The global social media response to the 14th annual Society of Cardiovascular Computed Tomography scientific sessions. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 124-130.	1.3	13
45	Ischemic Heart Disease: Special Considerations in Cardio-Oncology. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2017, 19, 37.	0.9	11
46	The Onco-cardiologist Dilemma: to Implant, to Defer, or to Avoid Transcatheter Aortic Valve Replacement in Cancer Patients with Aortic Stenosis?. <i>Current Cardiology Reports</i> , 2019, 21, 83.	2.9	11
47	Carcinoid Heart Disease: a Comprehensive Review. <i>Current Cardiology Reports</i> , 2019, 21, 140.	2.9	11
48	QT Prolongation in Cancer Patients. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 613625.	2.4	10
49	Cardiovascular Complications of Chimeric Antigen Receptor T-Cell Therapy: The Cytokine Release Syndrome and Associated Arrhythmias. <i>Journal of Immunotherapy and Precision Oncology</i> , 2020, 3, 113-120.	1.4	10
50	In Search of a Less Invasive Approach to Cardiac Tumor Diagnosis. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1191-1195.	5.3	9
51	Evolution of echocardiography in subclinical detection of cancer therapy-related cardiac dysfunction. <i>Echocardiography</i> , 2018, 35, 860-868.	0.9	9
52	<i>Aspergillus</i> endocarditis of the mitral valve with ventricular myocardial invasion, cerebral vasculitis, and intracranial mycotic aneurysm formation in a patient with hemophagocytic lymphohistiocytosis. <i>Medical Mycology Case Reports</i> , 2018, 21, 49-51.	1.3	9
53	Relationship of Altmetric Attention Score to Overall Citations and Downloads for Papers Published in JACC. <i>Journal of the American College of Cardiology</i> , 2020, 76, 757-759.	2.8	9
54	Identifying Hemostatic Thresholds in Cancer Patients Undergoing Coronary Angiography Based on Platelet Count and Thromboelastography. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 9.	2.4	9

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55	Prevalence of pulmonary hypertension in myelofibrosis. <i>Annals of Hematology</i> , 2020, 99, 781-789.	1.8	9
56	Immune Checkpoint Inhibitors (ICIs)-Related Cardiotoxicity. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1244, 277-285.	1.6	9
57	Stress cardiomyopathy in hospitalized patients with cancer: machine learning analysis by primary malignancy type. <i>ESC Heart Failure</i> , 2021, , .	3.1	9
58	Cardiotoxicity of FDA-approved immune checkpoint inhibitors: A rare but serious adverse event. <i>Journal of Immunotherapy and Precision Oncology</i> , 2018, 1, 68-77.	1.4	8
59	Cancer treatment resumption in patients with new-generation drug-eluting stents. <i>Coronary Artery Disease</i> , 2021, 32, 295-301.	0.7	8
60	A Cancer Paradox: Machine-Learning Backed Propensity-Score Analysis of Coronary Angiography Findings in Cardio-Oncology. <i>Journal of Invasive Cardiology</i> , 2019, 31, 21-26.	0.4	8
61	TAVR and cancer: machine learning-augmented propensity score mortality and cost analysis in over 30 million patients. <i>Cardio-Oncology</i> , 2021, 7, 25.	1.7	7
62	Impact of cancer and cardiovascular disease on in-hospital outcomes of COVID-19 patients: results from the american heart association COVID-19 cardiovascular disease registry. <i>Cardio-Oncology</i> , 2021, 7, 28.	1.7	7
63	Routine cine-CMR for prosthesis-associated mitral regurgitation: a multicenter comparison to echocardiography. <i>Journal of Heart Valve Disease</i> , 2014, 23, 575-82.	0.5	7
64	Refractory radiation-induced coronary artery disease: mapping the path and guiding treatment with optical coherence tomography. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 759-760.	1.5	6
65	Transcatheter and surgical aortic valve replacement impact on outcomes and cancer treatment schedule. <i>International Journal of Cardiology</i> , 2021, 326, 62-70.	1.7	6
66	When to consider cardiovascular magnetic resonance in patients undergoing transcatheter aortic valve replacement?. <i>Current Opinion in Cardiology</i> , 2013, 28, 505-511.	1.8	5
67	Cardiac Interventional Procedures in Cardio-Oncology Patients. <i>Cardiology Clinics</i> , 2019, 37, 469-486.	2.2	5
68	How to Perform Pericardiocentesis in Cancer Patients With Thrombocytopenia. <i>JACC: CardioOncology</i> , 2021, 3, 452-456.	4.0	5
69	Trends in cardiovascular mortality of cancer patients in the US over two decades 1999â€2019. <i>International Journal of Clinical Practice</i> , 2021, 75, e14841.	1.7	5
70	Frequent MUGA testing in a myeloma patient: A case-based ethics discussion. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1350-1354.	2.1	4
71	Association between ibrutinib and mid-cavitary Takotsubo cardiomyopathy: a case report and a review of chemotherapy-induced Takotsubo's cardiomyopathy. <i>European Heart Journal - Case Reports</i> , 2017, 1, ytx006.	0.6	4
72	The 1, 2, 3, 4 of carcinoid heart disease: Comprehensive cardiovascular imaging is the mainstay of complex surgical treatment (Review). <i>Oncology Letters</i> , 2019, 17, 4126-4132.	1.8	4

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73	Ibrutinib-associated Serositis in Mantle Cell Lymphoma. American Journal of Respiratory and Critical Care Medicine, 2019, 199, e43-e44.	5.6	4
74	Magnetic Resonance Imaging of a Scimitar Vein and Aortic Dissection. Methodist DeBakey Cardiovascular Journal, 2021, 10, 257.	1.0	3
75	The role of cardiac MRI in cardio-oncology. Future Cardiology, 2017, 13, 311-316.	1.2	3
76	Building Bridges in Cardiology and Radiology. JACC: Cardiovascular Imaging, 2018, 11, 1713-1717.	5.3	3
77	State-of-the-art Review: Interventional Onco-Cardiology. Current Treatment Options in Cardiovascular Medicine, 2020, 22, 1.	0.9	3
78	Socio-Economic Burden of Myocardial Infarction Among Cancer Patients. American Journal of Cardiology, 2021, 141, 16-22.	1.6	3
79	Cardiac Toxicities Associated with Immune Checkpoints Inhibitors: Mechanisms, Manifestations and Management. Korean Circulation Journal, 2021, 51, 579.	1.9	3
80	Coronary Stent Healing in Cancer Patients—An Optical Coherence Tomography Perspective. Frontiers in Cardiovascular Medicine, 2021, 8, 665303.	2.4	3
81	#Cardioonc. JACC: CardioOncology, 2021, 3, 457-460.	4.0	3
82	The Role of Cardiovascular Imaging and Serum Biomarkers in Identifying Cardiotoxicity Related to Cancer Therapeutics. Methodist DeBakey Cardiovascular Journal, 2021, 15, 258.	1.0	3
83	Reversible Myocardial Edema Secondary to Tagraxofusp-Induced Capillary Leak Syndrome. JACC: CardioOncology, 2021, 3, 752-755.	4.0	3
84	Predictors of Recurrence and Survival in Cancer Patients With Pericardial Effusion Requiring Pericardiocentesis. Frontiers in Cardiovascular Medicine, 2022, 9, .	2.4	3
85	Path to Cardiovascular Multimodality Imaging—Subspecialty. JACC: Cardiovascular Imaging, 2017, 10, 97-98.	5.3	2
86	Cancer therapy cardiotoxicity detection: understanding the limitations of cardiac imaging. Heart, 2020, 106, 791-792.	2.9	2
87	Structural Transcatheter Cardiac Interventions in the Cardio-Oncology Population. Current Treatment Options in Cardiovascular Medicine, 2021, 23, 1.	0.9	2
88	Prognostic Factors and Overall Survival After Pericardiocentesis in Patients With Cancer and Thrombocytopenia. Frontiers in Cardiovascular Medicine, 2021, 8, 638943.	2.4	2
89	Interventional Strategies in Cancer-induced Cardiovascular Disease. Current Oncology Reports, 2021, 23, 133.	4.0	2
90	#JACCCardioOnc. JACC: CardioOncology, 2021, 3, 461-464.	4.0	2

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91	Expression of T-cell populations and molecular markers of human myocardium with checkpoint-induced myocarditis.. Journal of Clinical Oncology, 2019, 37, 79-79.	1.6	2
92	Clinical Impact of Cardiovascular Magnetic Resonance in Cancer Patients With Suspected Cardiomyopathy. Frontiers in Cardiovascular Medicine, 2021, 8, 734820.	2.4	2
93	Immune Checkpoint Inhibitor (ICI)-Related Cardiotoxicity. Advances in Experimental Medicine and Biology, 2021, 1342, 377-387.	1.6	2
94	Percutaneous Coronary Intervention in Patients With Gynecological Cancer: Machine Learning-Augmented Propensity Score Mortality and Cost Analysis for 383,760 Patients. Frontiers in Cardiovascular Medicine, 2021, 8, 793877.	2.4	2
95	Social media to enhance engagement and science dissemination during in-person and virtual medical conferences: the SCMR 2020 and 2021 experiences: a report of the SCMR social media task force. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 15.	3.3	2
96	Improved reliability in left ventricular ejection fraction assessment by adopting quantitative methods. Echocardiography, 2016, 33, 1936-1937.	0.9	1
97	Editorial Commentary: Update on cardio-oncology: Novel cancer therapeutics and associated cardiotoxicities. Trends in Cardiovascular Medicine, 2019, 29, 40.	4.9	1
98	Clinical outcomes after fractional flow reserve-guided treatment of oncology patients.. Journal of Clinical Oncology, 2018, 36, e22106-e22106.	1.6	1
99	Impact of pericardial effusion for patients receiving immune checkpoint inhibitors.. Journal of Clinical Oncology, 2019, 37, e14121-e14121.	1.6	1
100	Halloween in the Cath Lab: spider web pericardial effusion. European Heart Journal Cardiovascular Imaging, 2020, 21, 317.	1.2	0
101	The Role of Echocardiography in the Cancer Patient. Current Cardiology Reports, 2020, 22, 103.	2.9	0
102	A Rare Case of Testicular Teratoma Metastasizing to the Right Ventricle. JACC: Case Reports, 2021, 3, 117-119.	0.6	0
103	Effect of Pulmonary Hypertension and Other Cardiovascular Diseases in Overall Prognosis of Patients with Myelofibrosis. Blood, 2018, 132, 4310-4310.	1.4	0
104	Predictors of mortality following cardiac surgery for carcinoid heart disease.. Journal of Clinical Oncology, 2019, 37, e15692-e15692.	1.6	0
105	Effect of high flow oxygen on exertional dyspnea in cancer patients: A double-blind randomized clinical trial.. Journal of Clinical Oncology, 2019, 37, 11600-11600.	1.6	0
106	The impact of therapeutic mediastinal radiation on stent healing in cancer patients: An optical coherence tomography study.. Journal of Clinical Oncology, 2020, 38, e19096-e19096.	1.6	0
107	Museum of TMH Multimodality Imaging Center. Left ventricular pseudoaneurysm. Methodist DeBakey Cardiovascular Journal, 2013, 9, 114.	1.0	0
108	Coronary intervention in cancer patients: the need for personalized cardiac care. Revista Romana De Cardiologie, 2020, 30, 389-398.	0.1	0