

Michael D Lesh

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10955156/michael-d-lesh-publications-by-citations.pdf>
Version: 2024-04-04

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84 papers	6,992 citations	44 h-index	83 g-index
86 ext. papers	7,544 ext. citations	5.2 avg, IF	4.8 L-index

#	Paper	IF	Citations
84	Percutaneous left atrial appendage transcatheter occlusion (PLAATO system) to prevent stroke in high-risk patients with non-rheumatic atrial fibrillation: results from the international multi-center feasibility trials. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 9-14	15.1	370
83	Radiofrequency catheter ablation as a cure for idiopathic tachycardia of both left and right ventricular origin. <i>Journal of the American College of Cardiology</i> , 1994 , 23, 1333-41	15.1	352
82	Role of right atrial endocardial structures as barriers to conduction during human type I atrial flutter. Activation and entrainment mapping guided by intracardiac echocardiography. <i>Circulation</i> , 1995 , 92, 1839-48	16.7	346
81	Percutaneous left atrial appendage transcatheter occlusion to prevent stroke in high-risk patients with atrial fibrillation: early clinical experience. <i>Circulation</i> , 2002 , 105, 1887-9	16.7	334
80	Curative percutaneous catheter ablation using radiofrequency energy for accessory pathways in all locations: results in 100 consecutive patients. <i>Journal of the American College of Cardiology</i> , 1992 , 19, 1303-9	15.1	282
79	"Cristal tachycardias": origin of right atrial tachycardias from the crista terminalis identified by intracardiac echocardiography. <i>Journal of the American College of Cardiology</i> , 1998 , 31, 451-9	15.1	257
78	Activation and entrainment mapping defines the tricuspid annulus as the anterior barrier in typical atrial flutter. <i>Circulation</i> , 1996 , 94, 398-406	16.7	257
77	Ablation of TncisionalTreentrant atrial tachycardia complicating surgery for congenital heart disease. Use of entrainment to define a critical isthmus of conduction. <i>Circulation</i> , 1996 , 93, 502-12	16.7	234
76	Use of P wave configuration during atrial tachycardia to predict site of origin. <i>Journal of the American College of Cardiology</i> , 1995 , 26, 1315-24	15.1	215
75	Quality of life and outcomes after radiofrequency His-bundle catheter ablation and permanent pacemaker implantation: impact of treatment in paroxysmal and established atrial fibrillation. <i>American Heart Journal</i> , 1996 , 131, 499-507	4.9	174
74	Clinical outcome after radiofrequency catheter ablation of focal atrial fibrillation triggers. <i>Journal of Cardiovascular Electrophysiology</i> , 2001 , 12, 900-8	2.7	171
73	New algorithm for the localization of accessory atrioventricular connections using a baseline electrocardiogram. <i>Journal of the American College of Cardiology</i> , 1994 , 23, 107-16	15.1	168
72	Radiofrequency catheter ablation for treatment of bundle branch reentrant ventricular tachycardia: results and long-term follow-up. <i>Journal of the American College of Cardiology</i> , 1991 , 18, 1767-73	15.1	158
71	Radiofrequency catheter modification of the sinus node for "inappropriate" sinus tachycardia. <i>Circulation</i> , 1995 , 92, 2919-28	16.7	151
70	Percutaneous radiofrequency catheter ablation for supraventricular arrhythmias in children. <i>Journal of the American College of Cardiology</i> , 1991 , 17, 1613-20	15.1	150
69	Intracardiac echocardiography during radiofrequency catheter ablation of cardiac arrhythmias in humans. <i>Journal of the American College of Cardiology</i> , 1994 , 24, 1351-7	15.1	146
68	Acute effects of intraoperative multisite ventricular pacing on left ventricular function and activation/contraction sequence in patients with depressed ventricular function. <i>Journal of Cardiovascular Electrophysiology</i> , 1998 , 9, 13-21	2.7	139

67	Use of electroanatomic mapping to delineate transseptal atrial conduction in humans. <i>Circulation</i> , 1999 , 100, 1791-7	16.7	132
66	Mode of onset of torsade de pointes in congenital long QT syndrome. <i>Journal of the American College of Cardiology</i> , 1996 , 28, 1262-8	15.1	131
65	Biophysical characteristics of radiofrequency lesion formation in vivo: dynamics of catheter tip-tissue contact evaluated by intracardiac echocardiography. <i>American Heart Journal</i> , 1997 , 133, 8-18	4.9	127
64	Mapping and radiofrequency ablation of intraatrial reentrant tachycardia after the Senning or Mustard procedure for transposition of the great arteries. <i>American Journal of Cardiology</i> , 1996 , 77, 985-91	9.1	125
63	Radiofrequency catheter ablation of supraventricular arrhythmias in patients with congenital heart disease: results and technical considerations. <i>Journal of the American College of Cardiology</i> , 1993 , 22, 883-90	15.1	116
62	Comparison of the retrograde and transseptal methods for ablation of left free wall accessory pathways. <i>Journal of the American College of Cardiology</i> , 1993 , 22, 542-9	15.1	115
61	Electrocardiographic and electrophysiologic characterization of atypical atrial flutter in man: use of activation and entrainment mapping and implications for catheter ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 1997 , 8, 121-44	2.7	113
60	Percutaneous left atrial appendage occlusion (PLAATO) for preventing cardioembolism: first experience in canine model. <i>Circulation</i> , 2002 , 105, 2217-22	16.7	113
59	Atypical right atrial flutter patterns. <i>Circulation</i> , 2001 , 103, 3092-8	16.7	111
58	Mode of onset of malignant ventricular arrhythmias in idiopathic ventricular fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 1997 , 8, 1115-20	2.7	104
57	Conduction barriers in human atrial flutter: correlation of electrophysiology and anatomy. <i>Journal of Cardiovascular Electrophysiology</i> , 1996 , 7, 1112-26	2.7	96
56	Electrophysiological effects of long, linear atrial lesions placed under intracardiac ultrasound guidance. <i>Circulation</i> , 1997 , 96, 2715-21	16.7	86
55	Risk of thromboembolism in chronic atrial flutter. <i>American Journal of Cardiology</i> , 1997 , 79, 1043-7	3	83
54	Ablation of the atrioventricular junction with radiofrequency energy using a new electrode catheter. <i>American Journal of Cardiology</i> , 1991 , 67, 142-7	3	79
53	Relationship between atrial fibrillation and typical atrial flutter in humans: activation sequence changes during spontaneous conversion. <i>Circulation</i> , 1997 , 96, 3484-91	16.7	79
52	A computer model of the electrogram: what causes fractionation?. <i>Journal of Electrocardiology</i> , 1988 , 21 Suppl, S69-73	1.4	77
51	Organized activation during atrial fibrillation in man: endocardial and electrocardiographic manifestations. <i>Journal of Cardiovascular Electrophysiology</i> , 1998 , 9, 451-61	2.7	72
50	Use of intracardiac echocardiography in interventional electrophysiology. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1997 , 20, 2248-62	1.6	70

49	Radiofrequency catheter modification of sinus pacemaker function guided by intracardiac echocardiography. <i>Circulation</i> , 1995 , 92, 3070-81	16.7	66
48	Body surface mapping during pacing at multiple sites in the human atrium: P-wave morphology of ectopic right atrial activation. <i>Circulation</i> , 1998 , 97, 369-80	16.7	63
47	Anatomic and electrophysiologic relation between the coronary sinus and mitral annulus: implications for ablation of left-sided accessory pathways. <i>American Heart Journal</i> , 1998 , 135, 93-8	4.9	61
46	Electrocardiographic and electrophysiologic characteristics of anterior, midseptal and right anterior free wall accessory pathways. <i>Journal of the American College of Cardiology</i> , 1992 , 20, 1220-9	15.1	58
45	Follow-up of radiofrequency catheter ablation in children: results in 100 consecutive patients. <i>Journal of the American College of Cardiology</i> , 1994 , 23, 1651-9	15.1	57
44	Results of radiofrequency catheter ablation for atrial flutter. <i>American Journal of Cardiology</i> , 1996 , 77, 1014-6	3	56
43	Electrophysiology of "incisional" reentrant atrial tachycardia complicating surgery for congenital heart disease. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1997 , 20, 2107-11	1.6	50
42	To fumble flutter or tackle "tach"? Toward updated classifiers for atrial tachyarrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 1996 , 7, 460-6	2.7	48
41	Clinical and electrophysiologic features and role of catheter ablation techniques in adult patients with automatic atrioventricular junctional tachycardia. <i>American Journal of Cardiology</i> , 1994 , 74, 565-72	3	48
40	Narrow complex tachycardia with VA block: diagnostic and therapeutic implications. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1998 , 21, 1196-206	1.6	44
39	Radiofrequency catheter ablation in the treatment of supraventricular tachycardia in the elderly. <i>Journal of the American College of Cardiology</i> , 1994 , 23, 1356-62	15.1	44
38	Implantable cardioverter defibrillator proarrhythmia: case report and review of the literature. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1991 , 14, 1326-9	1.6	42
37	A direct midseptal approach to slow atrioventricular nodal pathway ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1995 , 18, 57-64	1.6	41
36	P-wave morphology during right atrial pacing before and after atrial flutter ablation--a new marker for success. <i>American Journal of Cardiology</i> , 1997 , 79, 1417-20	3	40
35	Body surface mapping of counterclockwise and clockwise typical atrial flutter: a comparative analysis with endocardial activation sequence mapping. <i>Journal of the American College of Cardiology</i> , 2000 , 35, 1276-87	15.1	38
34	Electrophysiologic effects of selective right versus left atrial linear lesions in a canine model of chronic atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 1999 , 10, 1564-74	2.7	37
33	Radiofrequency catheter ablation for Wolff-Parkinson-White syndrome associated with a coronary sinus diverticulum. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1991 , 14, 1479-84	1.6	35
32	Low-power radiofrequency application and intracardiac echocardiography for creation of continuous left atrial linear lesions. <i>Journal of Cardiovascular Electrophysiology</i> , 1999 , 10, 680-91	2.7	31

31	Percutaneous multielectrode endocardial mapping during ventricular tachycardia in the swine model. <i>Circulation</i> , 1996 , 94, 1125-30	16.7	31
30	In vitro quantification of radiofrequency ablation lesion size using intracardiac echocardiography in dogs. <i>American Journal of Cardiology</i> , 1996 , 77, 217-9	3	30
29	New approaches to treatment of atrial flutter and tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 1996 , 7, 368-81	2.7	30
28	Coronary air embolism complicating transeptal radiofrequency ablation of left free-wall accessory pathways. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1992 , 15, 1105-8	1.6	27
27	Regional entrainment of atrial fibrillation in man. <i>Journal of Cardiovascular Electrophysiology</i> , 1996 , 7, 867-76	2.7	25
26	The role of the crista terminalis in atrial flutter and fibrillation: a computer modeling study. <i>Annals of Biomedical Engineering</i> , 2000 , 28, 742-54	4.7	23
25	Importance of recording the right bundle branch deflection in the diagnosis of His-Purkinje reentrant tachycardia. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1992 , 15, 1015-24	1.6	22
24	The spatial dispersion of atrial refractoriness and atrial fibrillation vulnerability. <i>Journal of Interventional Cardiac Electrophysiology</i> , 1999 , 3, 311-9	2.4	21
23	Interventional electrophysiology--state-of-the-art 1993. <i>American Heart Journal</i> , 1993 , 126, 686-98	4.9	19
22	Effects of simulated potassium blockade on the dynamics of triggered cardiac activity. <i>Journal of Theoretical Biology</i> , 1994 , 168, 245-57	2.3	18
21	Body surface mapping of atrial arrhythmias: atlas of paced P wave integral maps to localize the focal origin of right atrial tachycardia. <i>Journal of Electrocardiology</i> , 1998 , 31 Suppl, 85-91	1.4	17
20	Novel catheter technology for ablative cure of atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2000 , 4 Suppl 1, 127-39	2.4	16
19	What is the relationship of atrial flutter and fibrillation?. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1999 , 22, 643-54	1.6	16
18	Status of ablation in patients with atrial tachycardia and flutter. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1994 , 17, 1026-33	1.6	16
17	The role of atrial anatomy in clinical atrial arrhythmias. <i>Journal of Electrocardiology</i> , 1996 , 29 Suppl, 101-13	1.4	15
16	Electrocardiographic analysis of ectopic atrial activity obscured by ventricular repolarization: P wave isolation using an automatic 62-lead QRST subtraction algorithm. <i>Journal of Cardiovascular Electrophysiology</i> , 2001 , 12, 780-90	2.7	14
15	The role of nonpharmacologic therapies for the treatment of atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 1999 , 10, 450-60; quiz 488-94	2.7	13
14	Effects of coupling heterogeneity on fractionated electrograms in a model of nonuniformly anisotropic ventricular myocardium. <i>Journal of Electrocardiology</i> , 1994 , 27 Suppl, 171-8	1.4	10

13	Pacemaker generator pseudomalfuction: an artifact of Holter monitoring. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1991 , 14, 854-7	1.6	7
12	The laboratory evaluation and role of catheter ablation for patients with atrial flutter. <i>Cardiology Clinics</i> , 1997 , 15, 677-88	2.5	6
11	Slow AV nodal pathway ablation utilizing a unique temperature controlled radiofrequency energy system. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1997 , 20, 664-70	1.6	5
10	Progress toward a catheter ablative cure of atrial fibrillation. <i>Journal of Electrocardiology</i> , 1998 , 31 Suppl, 71-9	1.4	4
9	Effect of preexcitation on Doppler indexes of left ventricular filling. <i>American Journal of Cardiology</i> , 1993 , 71, 1462-4	3	4
8	Modeling triggered cardiac activity: an analysis of the interactions between potassium blockade, rhythm pauses, and cellular coupling. <i>Mathematical Biosciences</i> , 1996 , 137, 101-33	3.9	3
7	Coexisting Wolff-Parkinson-White syndrome and cardiac valve disease: A staged treatment approach with catheter ablation before operation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1993 , 106, 1234-1236	1.5	3
6	Central clinical research issues in electrophysiology: report of the NASPE Committee. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2001 , 24, 526-34	1.6	2
5	Catheter-ablative techniques for the treatment of atrial fibrillation. <i>Current Cardiology Reports</i> , 1999 , 1, 142-8	4.2	1
4	Role of Radiofrequency Catheter Ablation and Intracardiac Echocardiography in the Treatment of Inappropriate Sinus Tachycardia. <i>Journal of Interventional Cardiac Electrophysiology</i> , 1997 , 1, 425-429		
3	Role of Radiofrequency Catheter Ablation and Intracardiac Echocardiography in the Treatment of Inappropriate Sinus Tachycardia. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2000 , 4, 34-38		
2	Update on Catheter Ablation of Atrial Tachycardia, Atrial Flutter, and Beyond. <i>International Heart Journal</i> , 1996 , 37, 771-772		
1	Radiofrequency Catheter Modification of Sinus Node Activity in Patients with Inappropriate Sinus Tachycardia. <i>Developments in Cardiovascular Medicine</i> , 1998 , 215-222		