

# Michael Arad

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79  
papers

3,391  
citations

26  
h-index

57  
g-index

86  
ext. papers

4,321  
ext. citations

6.7  
avg, IF

4.78  
L-index

#	Paper	IF	Citations
79	Glycogen storage diseases presenting as hypertrophic cardiomyopathy. <i>New England Journal of Medicine</i> , <b>2005</b> , 352, 362-72	59.2	473
78	Constitutively active AMP kinase mutations cause glycogen storage disease mimicking hypertrophic cardiomyopathy. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 109, 357-362	15.9	341
77	AMP-activated protein kinase in the heart: role during health and disease. <i>Circulation Research</i> , <b>2007</b> , 100, 474-88	15.7	269
76	Clinical outcome and phenotypic expression in LAMP2 cardiomyopathy. <i>JAMA - Journal of the American Medical Association</i> , <b>2009</b> , 301, 1253-9	27.4	240
75	Truncating FLNC Mutations Are Associated With High-Risk Dilated and Arrhythmogenic Cardiomyopathies. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 2440-2451	15.1	213
74	Constitutively active AMP kinase mutations cause glycogen storage disease mimicking hypertrophic cardiomyopathy. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 109, 357-62	15.9	151
73	Calsequestrin 2 (CASQ2) mutations increase expression of calreticulin and ryanodine receptors, causing catecholaminergic polymorphic ventricular tachycardia. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 1814-23	15.9	127
72	Heart failure in cardiomyopathies: a position paper from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , <b>2019</b> , 21, 553-576	12.3	118
71	Diagnosis and management of myocardial involvement in systemic immune-mediated diseases: a position statement of the European Society of Cardiology Working Group on Myocardial and Pericardial Disease. <i>European Heart Journal</i> , <b>2017</b> , 38, 2649-2662	9.5	88
70	Diagnosis and treatment of cardiac amyloidosis: a position statement of the ESC Working Group on Myocardial and Pericardial Diseases. <i>European Heart Journal</i> , <b>2021</b> , 42, 1554-1568	9.5	88
69	Regulation of diabetic cardiomyopathy by caloric restriction is mediated by intracellular signaling pathways involving SIRT1 and PGC-1 $\alpha$ . <i>Cardiovascular Diabetology</i> , <b>2018</b> , 17, 111	8.7	82
68	Aberrant activation of AMP-activated protein kinase remodels metabolic network in favor of cardiac glycogen storage. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 1432-9	15.9	81
67	European expert consensus statement on therapeutic goals in Fabry disease. <i>Molecular Genetics and Metabolism</i> , <b>2018</b> , 124, 189-203	3.7	71
66	Limb ischemia preconditions the heart against reperfusion tachyarrhythmia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1997</b> , 273, H1707-12	5.2	66
65	Reversibility of PRKAG2 glycogen-storage cardiomyopathy and electrophysiological manifestations. <i>Circulation</i> , <b>2008</b> , 117, 144-54	16.7	63
64	Functional abnormalities in iPSC-derived cardiomyocytes generated from CPVT1 and CPVT2 patients carrying ryanodine or calsequestrin mutations. <i>Journal of Cellular and Molecular Medicine</i> , <b>2015</b> , 19, 2006-18	5.6	56
63	Epoxyeicosatrienoic Acids Regulate Adipocyte Differentiation of Mouse 3T3 Cells, Via PGC-1 $\alpha$ Activation, Which Is Required for HO-1 Expression and Increased Mitochondrial Function. <i>Stem Cells and Development</i> , <b>2016</b> , 25, 1084-94	4.4	53

62	The role of 20-HETE in cardiovascular diseases and its risk factors. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2016</b> , 125, 108-117	3.7	47
61	Efficacy of exercise training in symptomatic patients with hypertrophic cardiomyopathy: results of a structured exercise training program in a cardiac rehabilitation center. <i>European Journal of Preventive Cardiology</i> , <b>2015</b> , 22, 13-9	3.9	46
60	CRISPR correction of the PRKAG2 gene mutation in the patient's induced pluripotent stem cell-derived cardiomyocytes eliminates electrophysiological and structural abnormalities. <i>Heart Rhythm</i> , <b>2018</b> , 15, 267-276	6.7	40
59	Optimizing catecholaminergic polymorphic ventricular tachycardia therapy in caldesmon-mutant mice. <i>Heart Rhythm</i> , <b>2010</b> , 7, 1676-82	6.7	36
58	Diagnosis and treatment of cardiac amyloidosis. A position statement of the European Society of Cardiology Working Group on Myocardial and Pericardial Diseases. <i>European Journal of Heart Failure</i> , <b>2021</b> , 23, 512-526	12.3	35
57	Phenotype and prognostic correlations of the converter region mutations affecting the $\beta$ -myosin heavy chain. <i>Heart</i> , <b>2015</b> , 101, 1047-53	5.1	34
56	Clinical Experience With Deferiprone Treatment for Friedreich Ataxia. <i>Journal of Child Neurology</i> , <b>2016</b> , 31, 1036-40	2.5	33
55	The effect of enzyme replacement therapy on clinical outcomes in female patients with Fabry disease - A systematic literature review by a European panel of experts. <i>Molecular Genetics and Metabolism</i> , <b>2019</b> , 126, 224-235	3.7	33
54	PARP-1 inhibition protects the diabetic heart through activation of SIRT1-PGC-1 $\alpha$ axis. <i>Experimental Cell Research</i> , <b>2018</b> , 373, 112-118	4.2	31
53	SK4 K channels are therapeutic targets for the treatment of cardiac arrhythmias. <i>EMBO Molecular Medicine</i> , <b>2017</b> , 9, 415-429	12	24
52	Angiogenic Imbalance and Residual Myocardial Injury in Recovered Peripartum Cardiomyopathy Patients. <i>Circulation: Heart Failure</i> , <b>2016</b> , 9,	7.6	24
51	Functional abnormalities in induced Pluripotent Stem Cell-derived cardiomyocytes generated from titin-mutated patients with dilated cardiomyopathy. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205719	3.7	24
50	Electrophysiological abnormalities in induced pluripotent stem cell-derived cardiomyocytes generated from Duchenne muscular dystrophy patients. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 2125-2135	5.6	23
49	Early aspirin initiation following heart transplantation is associated with reduced risk of allograft vasculopathy during long-term follow-up. <i>Clinical Transplantation</i> , <b>2017</b> , 31, e13133	3.8	22
48	TLR4 Expression Is Associated with Left Ventricular Dysfunction in Patients Undergoing Coronary Artery Bypass Surgery. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120175	3.7	19
47	Viral delivered gene therapy to treat catecholaminergic polymorphic ventricular tachycardia (CPVT2) in mouse models. <i>Heart Rhythm</i> , <b>2017</b> , 14, 1053-1060	6.7	18
46	Caloric restriction ameliorates cardiomyopathy in animal model of diabetes. <i>Experimental Cell Research</i> , <b>2017</b> , 350, 147-153	4.2	17
45	Postpacing abnormal repolarization in catecholaminergic polymorphic ventricular tachycardia associated with a mutation in the cardiac ryanodine receptor gene. <i>Heart Rhythm</i> , <b>2011</b> , 8, 1546-52	6.7	17

44	Clinical Features and Natural History of PRKAG2 Variant Cardiac Glycogenosis. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 186-197	15.1	16
43	Alpha blockade potentiates CPVT therapy in calsequestrin-mutant mice. <i>Heart Rhythm</i> , <b>2014</b> , 11, 1471-96.7		16
42	Exercise training in advanced heart failure patients: discordance between improved exercise tolerance and unchanged NT-proBNP levels. <i>International Journal of Cardiology</i> , <b>2008</b> , 126, 114-9	3.2	16
41	Psychiatric and cognitive characteristics of individuals with Danon disease (LAMP2 gene mutation). <i>American Journal of Medical Genetics, Part A</i> , <b>2017</b> , 173, 2461-2466	2.5	15
40	Differences in Mortality of New-Onset (De-Novo) Acute Heart Failure Versus Acute Decompensated Chronic Heart Failure. <i>American Journal of Cardiology</i> , <b>2019</b> , 124, 554-559	3	15
39	The Role of Heme Oxygenase 1 in the Protective Effect of Caloric Restriction against Diabetic Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	15
38	The impact of diabetes mellitus on the clinical phenotype of hypertrophic cardiomyopathy. <i>European Heart Journal</i> , <b>2019</b> , 40, 1671-1677	9.5	15
37	Effects of Heat-Exercise Stress, NBC Clothing, and Pyridostigmine Treatment on Psychomotor and Subjective Measures of Performance. <i>Military Medicine</i> , <b>1992</b> , 157, 210-214	1.3	14
36	Inherited cardiomyopathies--Novel therapies. <i>Pharmacology &amp; Therapeutics</i> , <b>2015</b> , 155, 36-48	13.9	13
35	Prostaglandins and the antiarrhythmic effect of preconditioning in the isolated rat heart. <i>Molecular and Cellular Biochemistry</i> , <b>1996</b> , 160-161, 249-55	4.2	11
34	Clinical Profile of Cardiac Involvement in Danon Disease: A Multicenter European Registry. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, e003117	5.2	10
33	Expression of the SARS-CoV-2 receptor ACE2 in human heart is associated with uncontrolled diabetes, obesity, and activation of the renin angiotensin system. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 90	8.7	9
32	Generation of Duchenne muscular dystrophy patient-specific induced pluripotent stem cell line lacking exons 45-50 of the dystrophin gene (iITi001-A). <i>Stem Cell Research</i> , <b>2018</b> , 29, 111-114	1.6	7
31	Metformin therapy reduces the risk of malignancy after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2017</b> , 36, 1350-1357	5.8	7
30	A family with recurrent sudden death and no clinical clue. <i>Annals of Noninvasive Electrocardiology</i> , <b>2012</b> , 17, 387-93	1.5	7
29	Prevalence and clinical outcomes of dystrophin-associated dilated cardiomyopathy without severe skeletal myopathy. <i>European Journal of Heart Failure</i> , <b>2021</b> , 23, 1276-1286	12.3	7
28	The Peroxisome Proliferator-Activated Receptor-Gamma Coactivator-1 $\beta$ -Heme Oxygenase 1 Axis, a Powerful Antioxidative Pathway with Potential to Attenuate Diabetic Cardiomyopathy. <i>Antioxidants and Redox Signaling</i> , <b>2020</b> , 32, 1273-1290	8.4	6
27	Risk of early, intermediate, and late rejection following heart transplantation: Trends over the past 25 years and relation to changes in medical management. Tertiary center experience: The Sheba Heart Transplantation Registry. <i>Clinical Transplantation</i> , <b>2017</b> , 31, e13063	3.8	6

26	Inflammatory Biomarkers in Refractory Congestive Heart Failure Patients Treated with Peritoneal Dialysis. <i>BioMed Research International</i> , <b>2015</b> , 2015, 590851	3	6
25	Cardiovascular Toxicities of Antiangiogenic Tyrosine Kinase Inhibitors: A Retrospective, Pharmacovigilance Study. <i>Targeted Oncology</i> , <b>2021</b> , 16, 471-483	5	5
24	Modeling Peripartum Cardiomyopathy With Human Induced Pluripotent Stem Cells Reveals Distinctive Abnormal Function of Cardiomyocytes. <i>Circulation</i> , <b>2018</b> , 138, 2721-2723	16.7	5
23	Efficacy and safety of exercise rehabilitation in patients with hypertrophic cardiomyopathy. <i>Journal of Cardiology</i> , <b>2019</b> , 74, 466-472	3	4
22	Donor thyroid hormone therapy is associated with an increased risk of graft dysfunction after heart transplantation. <i>Clinical Transplantation</i> , <b>2020</b> , 34, e13887	3.8	4
21	Therapeutic approaches to diabetic cardiomyopathy: Targeting the antioxidant pathway. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2020</b> , 150, 106454	3.7	4
20	The Hyperpolarization-Activated Cyclic-Nucleotide-Gated Channel Blocker Ivabradine Does Not Prevent Arrhythmias in Catecholaminergic Polymorphic Ventricular Tachycardia. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1566	5.6	4
19	Merits and pitfalls of genetic testing in a hypertrophic cardiomyopathy clinic. <i>Israel Medical Association Journal</i> , <b>2014</b> , 16, 707-13	0.9	4
18	Ethnic differences among implantable cardioverter defibrillators recipients in Israel. <i>American Journal of Cardiology</i> , <b>2015</b> , 115, 1102-6	3	3
17	Reduction in Filamin C transcript is associated with arrhythmogenic cardiomyopathy in Ashkenazi Jews. <i>International Journal of Cardiology</i> , <b>2020</b> , 317, 133-138	3.2	3
16	Sex-Based Differences in Characteristics and In-Hospital Outcomes among Patients With Diagnosed Acute Myocarditis. <i>American Journal of Cardiology</i> , <b>2020</b> , 125, 1694-1699	3	3
15	Depressed Adrenergic inotropic responsiveness and intracellular calcium handling abnormalities in Duchenne Muscular Dystrophy patients: Induced pluripotent stem cell-derived cardiomyocytes. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 3922-3934	5.6	3
14	De novo mitral regurgitation as a cause of heart failure exacerbation in patients with hypertrophic cardiomyopathy. <i>International Journal of Cardiology</i> , <b>2018</b> , 252, 122-127	3.2	3
13	New Insights on Genetic Diagnostics in Cardiomyopathy and Arrhythmia Patients Gained by Stepwise Exome Data Analysis. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
12	Molecular adaptation to calsequestrin 2 (CASQ2) point mutations leading to catecholaminergic polymorphic ventricular tachycardia (CPVT): comparative analysis of R33Q and D307H mutants. <i>Journal of Muscle Research and Cell Motility</i> , <b>2020</b> , 41, 251-258	3.5	2
11	Investigating -Related Dilated Cardiomyopathy Using Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
10	Cardiomyopathy: Consequences of Impaired Autophagy in the Heart. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e018829	6	2
9	Genetic ideology of dilated cardiomyopathy. <i>Israel Medical Association Journal</i> , <b>2005</b> , 7, 392-6	0.9	2

8	Blood pressure dynamics during exercise rehabilitation in heart failure patients. <i>European Journal of Preventive Cardiology</i> , <b>2017</b> , 24, 818-824	3.9	1
7	Sex Differences in Clinical Characteristics and 1- and 10-Year Mortality Among Patients Hospitalized With Acute Heart Failure. <i>American Journal of the Medical Sciences</i> , <b>2020</b> , 360, 392-401	2.2	1
6	The Late Effects of Pregnancy on Aortic Dimensions in Patients with Marfan Syndrome. <i>Cardiology</i> , <b>2021</b> , 146, 98-105	1.6	1
5	Peptide-based development of PKA activators. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 18585-18597	3.6	1
4	Response by Naftali-Shani et al to Letter Regarding Article, "Modeling Peripartum Cardiomyopathy With Human Induced Pluripotent Stem Cells Reveals Distinctive Abnormal Function of Cardiomyocytes". <i>Circulation</i> , <b>2019</b> , 139, e992-e993	16.7	
3	Multi-system neurological disorder associated with a CRYAB variant. <i>Neurogenetics</i> , <b>2021</b> , 22, 117-125	3	
2	Sub-acute vs. Late-onset Presentation of Oncotherapy Related Cardiotoxicity: Predictors of Cardiac Function Recovery and Long-Term Outcome. <i>Israel Medical Association Journal</i> , <b>2018</b> , 20, 486-490	0.9	
1	Anesthesia in Parturients Presenting with Marfan Syndrome. <i>Israel Medical Association Journal</i> , <b>2021</b> , 23, 437-440	0.9	