

Imad Libbus

List of Publications by Year in Descending Order

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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.

41
papers

747
citations

15
h-index

26
g-index

41
ext. papers

914
ext. citations

2.9
avg, IF

3.93
L-index

#	Paper	IF	Citations
41	Multifactorial Benefits of Chronic Vagus Nerve Stimulation on Autonomic Function and Cardiac Electrical Stability in Heart Failure Patients With Reduced Ejection Fraction.. <i>Frontiers in Physiology</i> , 2022 , 13, 855756	4.6	0
40	Persistent Autonomic Engagement and Cardiac Control After Four or More Years of Autonomic Regulation Therapy Using Vagus Nerve Stimulation.. <i>Frontiers in Physiology</i> , 2022 , 13, 853617	4.6	
39	Advances in Our Clinical Understanding of Autonomic Regulation Therapy Using Vagal Nerve Stimulation in Patients Living With Heart Failure.. <i>Frontiers in Physiology</i> , 2022 , 13, 857538	4.6	1
38	Therapeutic responsiveness to vagus nerve stimulation in patients receiving beta-blockade for heart failure with reduced ejection fraction. <i>IJC Heart and Vasculature</i> , 2021 , 37, 100888	2.4	1
37	Effect of defibrillation on the performance of an implantable vagus nerve stimulation system. <i>Bioelectronic Medicine</i> , 2021 , 7, 3	5.4	1
36	Long-term Follow-Up of Patients with Heart Failure and Reduced Ejection Fraction Receiving Autonomic Regulation Therapy in the ANTHEM-HF Pilot Study. <i>International Journal of Cardiology</i> , 2021 , 323, 175-178	3.2	11
35	Vagus Nerve Stimulation Provides Multiyear Improvements in Autonomic Function and Cardiac Electrical Stability in the ANTHEM-HF Study. <i>Journal of Cardiac Failure</i> , 2021 , 27, 208-216	3.3	15
34	Chronic vagus nerve stimulation is associated with multi-year improvement in intrinsic heart rate recovery and left ventricular ejection fraction in ANTHEM-HF. <i>Clinical Autonomic Research</i> , 2021 , 31, 453-462	4.3	2
33	Implantable vagus nerve stimulation system performance is not affected by internal or external defibrillation shocks. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021 , 1	2.4	
32	Baseline NT-proBNP and responsiveness to autonomic regulation therapy in patients with heart failure and reduced ejection fraction. <i>IJC Heart and Vasculature</i> , 2020 , 29, 100520	2.4	3
31	Comparison of symptomatic and functional responses to vagus nerve stimulation in ANTHEM-HF, INOVATE-HF, and NECTAR-HF. <i>ESC Heart Failure</i> , 2020 , 7, 75-83	3.7	23
30	Long-Term Lead Performance for Vagus Nerve Stimulation: Low Rate of Complications and Failures. <i>NeuroRegulation</i> , 2020 , 7, 26-29	1.3	2
29	Chronic Low-Level Vagus Nerve Stimulation Improves Long-Term Survival in Salt-Sensitive Hypertensive Rats. <i>Frontiers in Physiology</i> , 2019 , 10, 25	4.6	12
28	LONG-TERM FOLLOW-UP OF REDUCED EJECTION FRACTION HEART FAILURE PATIENTS RECEIVING AUTONOMIC REGULATION THERAPY IN THE ANTHEM-HF PILOT STUDY. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 770	15.1	4
27	Background pharmacological therapy in the ANTHEM-HF: comparison to contemporary trials of novel heart failure therapies. <i>ESC Heart Failure</i> , 2019 , 6, 1052-1056	3.7	4
26	Impact of Autonomic Regulation Therapy in Patients with Heart Failure: ANTHEM-HFrEF Pivotal Study Design. <i>Circulation: Heart Failure</i> , 2019 , 12, e005879	7.6	21
25	Autonomic regulation therapy to enhance myocardial function in heart failure patients: the ANTHEM-HFpEF study. <i>ESC Heart Failure</i> , 2018 , 5, 95-100	3.7	24

24	Stochastic vagus nerve stimulation affects acute heart rate dynamics in rats. <i>PLoS ONE</i> , 2018 , 13, e01949310	3.10	10
23	Electrical Interaction between Implantable Vagus Nerve Stimulation Device and Implantable Cardiac Rhythm Management Device. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International</i>	0.9	2
22	Novel method to assess intrinsic heart rate recovery in ambulatory ECG recordings tracks cardioprotective effects of chronic autonomic regulation therapy in patients enrolled in the ANTHEM-HF study. <i>Annals of Noninvasive Electrocardiology</i> , 2017 , 22, e12436	1.5	3
21	Cervical vagus nerve stimulation augments spontaneous discharge in second- and higher-order sensory neurons in the rat nucleus of the solitary tract. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H354-H367	5.2	15
20	Quantitative evaluation of heartbeat interval time series using Poincaré analysis reveals distinct patterns of heart rate dynamics during cycles of vagus nerve stimulation in patients with heart failure. <i>Journal of Electrocardiology</i> , 2017 , 50, 898-903	1.4	8
19	Letter to the Editor--Can reducing quantitative T-wave alternans save lives?. <i>Heart Rhythm</i> , 2016 , 13, e89	6.7	
18	Extended Follow-Up of Patients With Heart Failure Receiving Autonomic Regulation Therapy in the ANTHEM-HF Study. <i>Journal of Cardiac Failure</i> , 2016 , 22, 639-42	3.3	66
17	Acute Autonomic Engagement Assessed by Heart Rate Dynamics During Vagus Nerve Stimulation in Patients With Heart Failure in the ANTHEM-HF Trial. <i>Journal of Cardiovascular Electrophysiology</i> , 2016 , 27, 1072-7	2.7	22
16	Autonomic regulation therapy suppresses quantitative T-wave alternans and improves baroreflex sensitivity in patients with heart failure enrolled in the ANTHEM-HF study. <i>Heart Rhythm</i> , 2016 , 13, 721-8	6.7	41
15	Chronic cyclic vagus nerve stimulation has beneficial electrophysiological effects on healthy hearts in the absence of autonomic imbalance. <i>Physiological Reports</i> , 2016 , 4, e12786	2.6	15
14	Intermittent electrical stimulation of the right cervical vagus nerve in salt-sensitive hypertensive rats: effects on blood pressure, arrhythmias, and ventricular electrophysiology. <i>Physiological Reports</i> , 2015 , 3, e12476	2.6	27
13	ENCORE: Extension of the ANTHEM-HF Study Evaluating Autonomic Regulation Therapy in Reduced Ejection Fraction Heart Failure. <i>Journal of Cardiac Failure</i> , 2015 , 21, 940	3.3	5
12	Autonomic Regulation Therapy Titration Methodology Accelerates Adaptation to Low-Intensity Vagus Nerve Stimulation. <i>Journal of Cardiac Failure</i> , 2014 , 20, S71	3.3	2
11	Autonomic regulation therapy via left or right cervical vagus nerve stimulation in patients with chronic heart failure: results of the ANTHEM-HF trial. <i>Journal of Cardiac Failure</i> , 2014 , 20, 808-16	3.3	204
10	Autonomic regulation therapy for the improvement of left ventricular function and heart failure symptoms: the ANTHEM-HF study. <i>Journal of Cardiac Failure</i> , 2013 , 19, 655-60	3.3	51
9	Monitoring changes in fluid status with a wireless multisensor monitor: results from the Fluid Removal During Adherent Renal Monitoring (FARM) study. <i>Congestive Heart Failure</i> , 2012 , 18, 32-6		7
8	Design and performance of a multisensor heart failure monitoring algorithm: results from the multisensor monitoring in congestive heart failure (MUSIC) study. <i>Journal of Cardiac Failure</i> , 2012 , 18, 289-95	3.3	44
7	Design of the Multi-Sensor Monitoring in Congestive Heart Failure (MUSIC) study: prospective trial to assess the utility of continuous wireless physiologic monitoring in heart failure. <i>Journal of Cardiac Failure</i> , 2011 , 17, 11-6	3.3	21

6	Remote at-home detection and monitoring of functional chronotropic incompetence in heart failure patients. <i>Journal of Cardiovascular Translational Research</i> , 2011 , 4, 14-20	3.3	3
5	Estimation of patient compliance in application of adherent mobile cardiac telemetry device. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 1536-9	0.9	8
4	Chronic Monitoring of Heart Failure Patients: Results from the Multi-Sensor Monitoring in Congestive Heart Failure (MUSIC-Asia) Study. <i>Journal of Cardiac Failure</i> , 2009 , 15, S66	3.3	5
3	Electrotonic load triggers remodeling of repolarizing current Ito in ventricle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H1901-9	5.2	17
2	Transmural action potential changes underlying ventricular electrical remodeling. <i>Journal of Cardiovascular Electrophysiology</i> , 2003 , 14, 394-402	2.7	31
1	Remodeling of cardiac repolarization: mechanisms and implications of memory. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2002 , 6, 302-10		16