

Mehmet K Aktas

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

2,478
citations

318942

23
h-index

312153

41
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125
all docs

125
docs citations

125
times ranked

3624
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of oral contraceptives in women with congenital long QT syndrome. <i>Heart Rhythm</i> , 2022, 19, 41-48.	0.3	7
2	Arrhythmic and Mortality Outcomes Among Ischemic Versus Nonischemic Cardiomyopathy Patients Receiving Primary ICD Therapy. <i>JACC: Clinical Electrophysiology</i> , 2022, 8, 1-11.	1.3	12
3	Junctional AV ablation in patients with atrial fibrillation undergoing cardiac resynchronization therapy (JAVA-CRT): results of a multicenter randomized clinical trial pilot program. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 64, 519-530.	0.6	1
4	Ready to deploy prophylactics?. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, 33, 1197-1198.	0.8	0
5	Outcomes Associated with Introduction of the 5th Generation High-Sensitivity Cardiac Troponin in Patients Presenting with Cardiovascular Disorders. <i>Journal of Emergency Medicine</i> , 2022, , .	0.3	2
6	Reduction in Ventricular Tachyarrhythmia Burden in Patients Enrolled in the RAIDÂTrial. <i>JACC: Clinical Electrophysiology</i> , 2022, , .	1.3	0
7	Sex hormones and repolarization dynamics during the menstrual cycle in women with congenital long QT syndrome. <i>Heart Rhythm</i> , 2022, 19, 1532-1540.	0.3	6
8	PO-628-04 THE EFFECT OF METOPROLOL VERSUS CARVEDILOL ON THE RISK OF ATRIAL AND VENTRICULAR ARRHYTHMIA IN PRIMARY PREVENTION IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR RECIPIENTS. <i>Heart Rhythm</i> , 2022, 19, S158.	0.3	0
9	HF-567-01 THE BENEFIT OF AN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR IN HEART FAILURE PATIENTS TREATED WITH EMPAGLIFLOZIN: AN ANALYSIS FROM THE EMPEROR-REDUCED TRIAL. <i>Heart Rhythm</i> , 2022, 19, S72-S73.	0.3	0
10	PO-629-07 TRIGGERED SYNCOPE AND THE RISK FOR SUBSEQUENT LIFE THREATENING EVENTS IN LONG QT SYNDROME. <i>Heart Rhythm</i> , 2022, 19, S164.	0.3	0
11	Intraoperative Ventricular Tachycardia Ablation During Left Ventricular Assist Device Implantation in High-Risk Heart Failure Patients. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2022, 15, .	2.1	4
12	Sex Differences in the Risk of First and Recurrent Ventricular Tachyarrhythmias Among Patients Receiving an Implantable Cardioverter-Defibrillator for Primary Prevention. <i>JAMA Network Open</i> , 2022, 5, e2217153.	2.8	6
13	Role of Implantable Cardioverter Defibrillator in Heart Failure With Contemporary Medical Therapy. <i>Circulation: Heart Failure</i> , 2022, 15, .	1.6	6
14	Risk of arrhythmic events after alcohol septal ablation for hypertrophic cardiomyopathy using continuous implantable cardiac monitoring. <i>Heart Rhythm</i> , 2021, 18, 50-56.	0.3	7
15	Predicted benefit of an implantable cardioverter-defibrillator: the MADIT-ICD benefit score. <i>European Heart Journal</i> , 2021, 42, 1676-1684.	1.0	61
16	Systolic Blood Pressure and Risk for Ventricular Arrhythmia in Patients With an Implantable Cardioverter Defibrillator. <i>American Journal of Cardiology</i> , 2021, 143, 74-79.	0.7	3
17	Risk factors for ventricular tachyarrhythmic events in patients without left bundle branch block who receive cardiac resynchronization therapy. <i>Annals of Noninvasive Electrocardiology</i> , 2021, 26, e12847.	0.5	1
18	Cardiac resynchronization therapy and ventricular tachyarrhythmia burden. <i>Heart Rhythm</i> , 2021, 18, 762-769.	0.3	14

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19	Survival After Implantable Cardioverter-Defibrillator Shocks. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2453-2462.	1.2	20
20	Risk Prediction in Women With Congenital Long QT Syndrome. <i>Journal of the American Heart Association</i> , 2021, 10, e021088.	1.6	7
21	Predictors of Device-Related Thrombus Following Percutaneous Left Atrial Appendage Occlusion. <i>Journal of the American College of Cardiology</i> , 2021, 78, 297-313.	1.2	106
22	B-PO03-072 REDUCTION IN VENTRICULAR TACHYARRHYTHMIA BURDEN IN PATIENTS ENROLLED IN THE RANOLAZINE IMPLANTABLE CARDIOVERTER-DEFIBRILLATOR (RAID) TRIAL. <i>Heart Rhythm</i> , 2021, 18, S217-S218.	0.3	0
23	B-PO04-129 INTRAOPERATIVE VENTRICULAR TACHYCARDIA ABLATION DURING LEFT VENTRICULAR ASSIST DEVICE IMPLANTATION IN HIGH-RISK HEART FAILURE PATIENTS. <i>Heart Rhythm</i> , 2021, 18, S331-S332.	0.3	0
24	Hospitalization for Heart Failure and Subsequent Ventricular Tachyarrhythmias in Patients With Left Ventricular Dysfunction. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 1099-1107.	1.3	0
25	Prognostic Usefulness of Systolic Blood Pressure One-Year Following Cardiac Resynchronization Therapy (from MADIT-CRT). <i>American Journal of Cardiology</i> , 2020, 125, 777-782.	0.7	1
26	CHA ₂ DS ₂ -VASc Score and the Risk of Ventricular Tachyarrhythmic Events and Mortality in MADIT-CRT. <i>Journal of the American Heart Association</i> , 2020, 9, e014353.	1.6	8
27	Predictors and outcomes of atrial tachyarrhythmia among patients with implantable defibrillators. <i>Heart Rhythm</i> , 2020, 17, 553-559.	0.3	5
28	Outcome by Sex in Patients With Long QT Syndrome With an Implantable Cardioverter Defibrillator. <i>Journal of the American Heart Association</i> , 2020, 9, e016398.	1.6	4
29	Predictors of Atrial Fibrillation During Long-Term Implantable Cardiac Monitoring Following Cryptogenic Stroke. <i>Journal of the American Heart Association</i> , 2020, 9, e016040.	1.6	15
30	Mapping and ablation of ventricular tachycardia 36 years after a Pennsylvania peel. <i>HeartRhythm Case Reports</i> , 2020, 6, 431-433.	0.2	1
31	Applicability of the MADIT-CRT Response Score for Prediction of Long-Term Clinical and Arrhythmic Events by QRS Morphology. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008499.	2.1	1
32	Competing risk analysis of ventricular arrhythmia events in heart failure patients with moderately compromised renal dysfunction. <i>Europace</i> , 2020, 22, 1384-1390.	0.7	8
33	The role and outcomes of new supraventricular tachycardia among patients with mild heart failure. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1099-1104.	0.8	0
34	Cardiac Resynchronization Therapy and Risk of Recurrent Hospitalizations in Patients Without Left Bundle Branch Block. <i>Circulation: Heart Failure</i> , 2020, 13, e006925.	1.6	3
35	Circadian variation and seasonal distribution of implantable defibrillator detected new onset atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 1495-1500.	0.5	4
36	Implantable cardioverter-defibrillator programming after first occurrence of ventricular tachycardia in the Multicenter Automatic Defibrillator Implantation Trial "Reduce Inappropriate Therapy (MADIT-RIT). <i>Heart Rhythm O2</i> , 2020, 1, 77-82.	0.6	4

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37	Continuous Respiratory Rate is Superior to Routine Outpatient Dyspnea Assessment for Predicting Heart Failure Events. Heart and Lung: Journal of Acute and Critical Care, 2020, 49, 215.	0.8	0
38	Marital Status and Long-Term Outcomes in Mild Heart Failure Patients With an Implantable Cardioverter Defibrillator or Cardiac Resynchronization Therapy With Defibrillator. American Journal of Cardiology, 2020, 125, 1180-1186.	0.7	0
39	Relation between resting heart rate and the risk of ventricular tachyarrhythmias in MADIT-RIT. Europace, 2020, 22, 281-287.	0.7	3
40	Risk of Ventricular Tachyarrhythmic Events in Patients Who Improved Beyond Guidelines for a Defibrillator in MADIT-CRT. JACC: Clinical Electrophysiology, 2019, 5, 1172-1181.	1.3	3
41	Implantable Cardioverter Defibrillators and Survival in Continuous-Flow Left Ventricular Assist Device Patients. ASAIO Journal, 2019, 65, 49-53.	0.9	9
42	Postimplantation ventricular ectopic burden and clinical outcomes in cardiac resynchronization therapy-defibrillator patients: a MADIT-CRT substudy. Annals of Noninvasive Electrocardiology, 2018, 23, e12491.	0.5	12
43	Continuous Respiratory Rate is Superior to Routine Outpatient Dyspnea Assessment for Predicting Heart Failure Events. Journal of Cardiac Failure, 2018, 24, S45.	0.7	0
44	Device Measured Rapid Shallow Breathing Index and not Minute Ventilation Reflects Changes in Dyspnea Status in Ambulatory Heart Failure Patients. Journal of Cardiac Failure, 2018, 24, S34.	0.7	0
45	Device Measured Rapid Shallow Breathing Index Reflects Changing Respiratory Patterns but Minute Ventilation Reflects Changing Activity During Worsening Heart Failure in Ambulatory Patients. Journal of Cardiac Failure, 2018, 24, S11.	0.7	0
46	Ranolazine in High-Risk Patients With Implanted Cardioverter-Defibrillators. Journal of the American College of Cardiology, 2018, 72, 636-645.	1.2	55
47	CIED malfunction in patients receiving radiation is a rare event that could be detected by remote monitoring. Journal of Cardiovascular Electrophysiology, 2018, 29, 1268-1275.	0.8	10
48	Lesion modeling, characterization, and visualization for image-guided cardiac ablation therapy monitoring. Journal of Medical Imaging, 2018, 5, 1.	0.8	9
49	Technical note: on cardiac ablation lesion visualization for image-guided therapy monitoring. , 2018, 10576, .		0
50	Effect of Significant Weight Change on Inappropriate Implantable Cardioverter-Defibrillator Therapy. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 9-16.	0.5	4
51	Left Bundle Branch Block and Complete Heart Block Complicating Inferior Myocardial Infarction. Annals of Noninvasive Electrocardiology, 2017, 22, .	0.5	1
52	Validation of an automatic diagnosis of strict left bundle branch block criteria using 12-lead electrocardiograms. , 2017, 22, e12398.		8
53	Defibrillation Therapy. , 2017, , 464-481.		0
54	Conceptualizing a Real-Time Remote Cardiac Health Monitoring System. , 2017, , 160-193.		3

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55	Effect of obesity on the effectiveness of cardiac resynchronization to reduce the risk of first and recurrent ventricular tachyarrhythmia events. Cardiovascular Diabetology, 2016, 15, 93.	2.7	14
56	Predictors and clinical relevance of ventricular tachyarrhythmias in ambulatory patients with a continuous flow left ventricular assist device. Heart Rhythm, 2016, 13, 1052-1056.	0.3	53
57	The Burden and Morphology of Premature Ventricular Contractions and their Impact on Clinical Outcomes in Patients Receiving Biventricular Pacing in the Multicenter Automatic Defibrillator Implantation Trial-Cardiac Resynchronization Therapy (MADIT-CRT). , 2016, 21, 41-48.		5
58	Time Dependence of Ventricular Tachyarrhythmias After Myocardial Infarction. JACC: Clinical Electrophysiology, 2016, 2, 565-573.	1.3	0
59	Emerging Security Mechanisms for Medical Cyber Physical Systems. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2016, 13, 401-416.	1.9	97
60	Novel ICD Programming and Inappropriate ICD Therapy in CRT-D Versus ICD Patients. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e001965.	2.1	25
61	Bipolar left ventricular pacing is associated with significant reduction in heart failure or death in CRT-D patients with LBBB. Heart Rhythm, 2016, 13, 1468-1474.	0.3	11
62	QT clock to improve detection of QT prolongation in long QT syndrome patients. Heart Rhythm, 2016, 13, 190-198.	0.3	42
63	Metabolic syndrome is associated with different clinical outcome after cardiac resynchronization therapy in patients with ischemic and non-ischemic cardiomyopathy. Cardiology Journal, 2016, 23, 344-351.	0.5	4
64	Visualization of Health Monitoring Data Acquired from Distributed Sensors for Multiple Patients. , 2015, , .		15
65	Reduced risk of life-threatening ventricular tachyarrhythmias with cardiac resynchronization therapy: relationship to left ventricular ejection fraction. European Journal of Heart Failure, 2015, 17, 971-978.	2.9	23
66	Prognostic Significance of Heart Rate Variability Among Patients Treated With Cardiac Resynchronization Therapy. JACC: Clinical Electrophysiology, 2015, 1, 74-80.	1.3	10
67	Automatic Diagnosis of Strict Left Bundle Branch Block from Standard 12-lead Electrocardiogram. , 2015, , .		1
68	An Open Source ECG Clock Generator for Visualization of Long-Term Cardiac Monitoring Data. IEEE Access, 2015, 3, 2704-2714.	2.6	25
69	Health Monitoring and Management Using Internet-of-Things (IoT) Sensing with Cloud-Based Processing: Opportunities and Challenges. , 2015, , .		490
70	Cloud-Based Privacy-Preserving Remote ECG Monitoring and Surveillance. Annals of Noninvasive Electrocardiology, 2015, 20, 328-337.	0.5	52
71	Predictors of mortality in patients hospitalized for congestive heart failure with left ventricular ejection fraction \leq 40%. Cardiology Journal, 2015, 22, 382-390.	0.5	7
72	Effect of cardiac resynchronization therapy with implantable cardioverter defibrillator versus cardiac resynchronization therapy with pacemaker on mortality in heart failure patients: results of a high-volume, single-centre experience. European Journal of Heart Failure, 2014, 16, 1323-1330.	2.9	55

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73	Comparison of Age (<75 Years Versus ≥75 Years) to Risk of Ventricular Tachyarrhythmias and Implantable Cardioverter Defibrillator Shocks (from the Multicenter Automatic Defibrillator) Trial. <i>Circulation</i> , 2014, 129, 1855-1860.	0.7	14
74	The Impact of Nonsustained Ventricular Tachycardia on Reverse Remodeling, Heart Failure, and Treated Ventricular Tachyarrhythmias in MADIT-CRT. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 1082-1087.	0.8	17
75	Review of Complementary and Alternative Medical Treatment of Arrhythmias. <i>American Journal of Cardiology</i> , 2014, 113, 897-903.	0.7	52
76	Association Between Frequency of Atrial and Ventricular Ectopic Beats and Biventricular Pacing Percentage and Outcomes in Patients With Cardiac Resynchronization Therapy. <i>Journal of the American College of Cardiology</i> , 2014, 64, 971-981.	1.2	50
77	Comparison of Low Versus High (>40 mm Hg) Pulse Pressure to Predict the Benefit of Cardiac Resynchronization Therapy for Heart Failure (from the Multicenter Automatic Defibrillator) Trial. <i>Circulation</i> , 2014, 129, 1053-1058.	0.7	4
78	Smoking is associated with an increased risk of first and recurrent ventricular tachyarrhythmias in ischemic and nonischemic patients with mild heart failure: A MADIT-CRT substudy. <i>Heart Rhythm</i> , 2014, 11, 822-827.	0.3	8
79	The Effect of Weight Loss on Clinical Outcomes in Patients Implanted With a Cardiac Resynchronization Therapy Device—A MADIT-CRT Substudy. <i>Journal of Cardiac Failure</i> , 2014, 20, 183-189.	0.7	12
80	Visualization of Health Monitoring Data Acquired from Distributed Sensors for Multiple Patients. , 2014, , .		1
81	Clinical Impact, Safety, and Efficacy of Single- versus Dual-Coil ICD Leads in MADIT-CRT. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 1246-1252.	0.8	36
82	Assessment of cloud-based health monitoring using Homomorphic Encryption. , 2013, , .		50
83	Effect of defibrillation threshold testing on heart failure hospitalization or death in the Multicenter Automatic Defibrillator Implantation Trial—Cardiac Resynchronization Therapy (MADIT-CRT). <i>Heart Rhythm</i> , 2013, 10, 193-199.	0.3	16
84	Response of right ventricular size to treatment with cardiac resynchronization therapy and the risk of ventricular tachyarrhythmias in MADIT-CRT. <i>Heart Rhythm</i> , 2013, 10, 1471-1477.	0.3	8
85	End-of-Life Care in Patients with Implantable Cardioverter Defibrillators: A MADIT-CRT Substudy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013, 36, 1273-1279.	0.5	41
86	Effectiveness of Cardiac Resynchronization Therapy with Defibrillator in At-Risk Black and White Cardiac Patients. <i>Annals of Noninvasive Electrocardiology</i> , 2013, 18, 140-148.	0.5	8
87	ISHNE/EHRA expert consensus on remote monitoring of cardiovascular implantable electronic devices (CIEDs). <i>Europace</i> , 2012, 14, 278-293.	0.7	156
88	Congenital Long and Short QT Syndromes. <i>Cardiology</i> , 2012, 122, 237-247.	0.6	26
89	Risk of Mortality for Ventricular Arrhythmia in Ambulatory LVAD Patients. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 515-520.	0.8	84
90	ISHNE/EHRA Expert Consensus on Remote Monitoring of Cardiovascular Implantable Electronic Devices (CIEDs). <i>Annals of Noninvasive Electrocardiology</i> , 2012, 17, 36-56.	0.5	30

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91	Successful therapeutic hypothermia for cardiac arrest in a patient with a left ventricular assist device. Resuscitation, 2011, 82, e19.	1.3	0
92	Successful Therapeutic Hypothermia in Patients with Congenital Long QT Syndrome. , 2011, 16, 100-103.		3
93	A 61-Year-Old Patient with Activity-Related Wide Complex Tachycardia. Annals of Noninvasive Electrocardiology, 2011, 16, 208-212.	0.5	0
94	Non-Pharmacologic Management of Atrial Fibrillation. American Journal of Cardiology, 2011, 108, 317-325.	0.7	9
95	Underutilization of Implantable Cardioverter Defibrillator in Primary Prevention of Sudden Cardiac Arrest. Cardiology Research, 2011, 2, 1-6.	0.5	4
96	Case 126. , 2011, , 487-489.		0
97	Time-Dependent Risk of Fidelis Lead Failure. American Journal of Cardiology, 2010, 105, 95-99.	0.7	41
98	Clinical predictors of survival in patients treated with therapeutic hypothermia following cardiac arrest. Resuscitation, 2010, 81, 1621-1626.	1.3	26
99	Higher Rate of Recurrent Atrial Flutter and Atrial Fibrillation Following Atrial Flutter Ablation After Cardiac Surgery. Journal of Cardiovascular Electrophysiology, 2010, 21, 760-765.	0.8	18
100	Physicians' knowledge and attitudes regarding implantable cardioverter-defibrillators. Cardiology Journal, 2010, 17, 267-73.	0.5	21
101	Relation of Brain Natriuretic Peptide Level to Extent of Left Ventricular Scarring in Patients With Chronic Heart Failure Secondary to Ischemic Cardiomyopathy. American Journal of Cardiology, 2009, 103, 243-245.	0.7	9
102	Effect of Biventricular Pacing During a Ventricular Sensed Event. American Journal of Cardiology, 2009, 103, 1741-1745.	0.7	22
103	Right Ventricular Dysfunction and the Incidence of Implantable Cardioverter-Defibrillator Therapies. PACE - Pacing and Clinical Electrophysiology, 2009, 32, 1501-1508.	0.5	12
104	Identification of a Retained Intravascular Wire by Three-Dimensional Transesophageal Echocardiography. Echocardiography, 2009, 26, 463-464.	0.3	3
105	ATRIOVENTRICULAR NODAL RE-ENTRANT TACHYCARDIA ABLATION IN A CENTENARIAN. Journal of the American Geriatrics Society, 2009, 57, 753-754.	1.3	0
106	Magnetic guidance for cardiac procedures. Cardiology Journal, 2009, 16, 177-8.	0.5	0
107	The perceived role of Islam in immigrant Muslim medical practice within the USA: an exploratory qualitative study. Journal of Medical Ethics, 2008, 34, 365-369.	1.0	36
108	Surgical atrial fibrillation ablation: a review of contemporary techniques and energy sources. Cardiology Journal, 2008, 15, 87-94.	0.5	10

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109	Graves Disease Exacerbation After Pituitary Adenectomy for Cushing Disease Resulting in an Adrenal Crisis. , 2007, 17, 206-208.		1
110	Atrioventricular Pacemaker Lead Reversal. Journal of Arrhythmia, 2007, 23, 69-72.	0.5	0
111	Dofetilide-Induced Long QT and Torsades de Pointes. Annals of Noninvasive Electrocardiology, 2007, 12, 197-202.	0.5	27
112	Atrioventricular Pacemaker Leaf Reversal. Journal of Arrhythmia, 2007, 23, 69-72.	0.5	0
113	Modulation of BNP Response in Relation to Myocardial Scarring on PET Scan in Patients with Acute Congestive Heart Failure Exacerbation. Journal of Cardiac Failure, 2006, 12, S30.	0.7	0
114	Comparison of Outcomes in Patients Undergoing Coronary Bypass of Patent Versus Restenosed Bare Metal Stented Coronary Arteries. American Journal of Cardiology, 2005, 96, 1416-1419.	0.7	3
115	Global Risk Scores and Exercise Testing for Predicting All-Cause Mortality in a Preventive Medicine Program. JAMA - Journal of the American Medical Association, 2004, 292, 1462.	3.8	156
116	Kinetics of Cisplatin Binding to Cellular DNA and Modulations by Thiol-Blocking Agents and Thiol Drugs. Drug Metabolism and Disposition, 2002, 30, 183-190.	1.7	93
117	Conceptualizing a Real-Time Remote Cardiac Health Monitoring System. Advances in Wireless Technologies and Telecommunication Book Series, 0, , 1-34.	0.3	8