

Dominik K Linz

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9523675/dominik-k-linz-publications-by-year.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.

219 papers	5,010 citations	38 h-index	62 g-index
299 ext. papers	6,803 ext. citations	4.9 avg, IF	5.9 L-index

#	Paper	IF	Citations
219	Alcohol consumption and risk of ventricular arrhythmias and sudden cardiac death: An observational study of 408,712 individuals.. <i>Heart Rhythm</i> , 2022 , 19, 177-184	6.7	2
218	Renal Denervation Prevents Atrial Arrhythmogenic Substrate Development in CKD.. <i>Circulation Research</i> , 2022 , CIRCRESAHA121320104	15.7	0
217	Artificial intelligence for the detection, prediction, and management of atrial fibrillation.. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , 2022 , 33, 34	0.8	0
216	Pharmacological inhibition of acetylcholine-regulated potassium current () prevents atrial arrhythmogenic changes in a rat model of repetitive obstructive respiratory events.. <i>Heart Rhythm</i> 2022 , 3, 97-104	1.5	
215	How to use digital devices to detect and manage arrhythmias: an EHRA practical guide.. <i>Europace</i> , 2022 ,	3.9	2
214	Researchers in cardiology - Why and how to get on Twitter?. <i>IJC Heart and Vasculature</i> , 2022 , 40, 1010102.4	2.4	0
213	Association between comorbidities and left and right atrial dysfunction in patients with paroxysmal atrial fibrillation: Analysis of AF-RISK. <i>International Journal of Cardiology</i> , 2022 , 360, 29-35	3.2	0
212	Self-Reported Mobile Health-Based Risk Factor and CHADS-VASc-Score Assessment in Patients With Atrial Fibrillation: TeleCheck-AF Results.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 757587	5.4	0
211	Impact of photoplethysmography on therapeutic decisions in atrial fibrillation. <i>Kardiologia Polska</i> , 2021 , 79, 1155-1156	0.9	
210	Considerations for the Assessment of Substrates, Genetics and Risk Factors in Patients with Atrial Fibrillation. <i>Arrhythmia and Electrophysiology Review</i> , 2021 , 10, 132-139	3.2	0
209	Atrial function in paroxysmal AF patients with and without heart failure with preserved ejection fraction: Data from the AF-RISK study. <i>American Heart Journal</i> , 2021 , 244, 36-41	4.9	
208	Nocturnal hypoxemic burden during positive airway pressure treatment across different central sleep apnea etiologies. <i>Sleep Medicine</i> , 2021 , 79, 62-70	4.6	1
207	Use and misuse of instant messaging in clinical data sharing: the EHRA-SMS survey. <i>Europace</i> , 2021 , 23, 1326-1330	3.9	1
206	Risk Factors for Atrial Fibrillation Progression. <i>Cardiac Electrophysiology Clinics</i> , 2021 , 13, 201-209	1.4	3
205	Sleep Apnea and Atrial Fibrillation. <i>Cardiac Electrophysiology Clinics</i> , 2021 , 13, 87-94	1.4	3
204	Both beat-to-beat changes in RR-interval and left ventricular filling time determine ventricular function during atrial fibrillation. <i>Europace</i> , 2021 , 23, i21-i28	3.9	4
203	Single Ring Isolation With Inferior Line Sparing for Atrial Fibrillation: A Proof-of-Concept Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009552	6.4	1

202	The impact of Twitter promotion on future citation rates: The #TweetTheJournal study. <i>IJC Heart and Vasculature</i> , 2021 , 33, 100776	2.4	3
201	Early atrial fibrillation detection and the transition to comprehensive management. <i>Europace</i> , 2021 , 23, ii46-ii51	3.9	4
200	Sleep arousal burden is associated with long-term all-cause and cardiovascular mortality in 8001 community-dwelling older men and women. <i>European Heart Journal</i> , 2021 , 42, 2088-2099	9.5	12
199	Twitter for professional use in electrophysiology: practical guide for #EPeeps. <i>Europace</i> , 2021 , 23, 1192-1199	3.9	5
198	Long-term intermittent versus short continuous heart rhythm monitoring for the detection of atrial fibrillation recurrences after catheter ablation. <i>International Journal of Cardiology</i> , 2021 , 329, 105-112	3.2	4
197	The European TeleCheck-AF project on remote app-based management of atrial fibrillation during the COVID-19 pandemic: centre and patient experiences. <i>Europace</i> , 2021 , 23, 1003-1015	3.9	16
196	Predictors of Anticoagulation Use in Indigenous and Non-Indigenous Australians With Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2021 , 30, 707-713	1.8	
195	Obstructive sleep apnoea testing and management in atrial fibrillation patients: a joint survey by the European Heart Rhythm Association (EHRA) and the Association of Cardiovascular Nurses and Allied Professions (ACNAP). <i>Europace</i> , 2021 , 23, 1677-1684	3.9	7
194	Ventricular arrhythmia in heart failure patients with reduced ejection fraction and central sleep apnoea. <i>ERJ Open Research</i> , 2021 , 7,	3.5	1
193	The photoplethysmography dictionary: practical guidance on signal interpretation and clinical scenarios from TeleCheck-AF. <i>European Heart Journal Digital Health</i> , 2021 , 2, 363-373	2.3	4
192	Understanding the effects of heart beat irregularity on ventricular function in human atrial fibrillation: simulation models may help to untie the knot-AuthorsPreply. <i>Europace</i> , 2021 , 23, 1869	3.9	
191	Risk Thresholds for Total and Beverage-Specific Alcohol Consumption and Incident Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2021 , 7, 1561-1561	4.6	3
190	First catheter-based high-density endocardial 3D electroanatomical mapping of the right atrium in standing horses. <i>Equine Veterinary Journal</i> , 2021 , 53, 186-193	2.4	2
189	Dynamics of Atrial Fibrillation Mechanisms and Comorbidities. <i>Annual Review of Physiology</i> , 2021 , 83, 83-106	23.1	12
188	Chronic obstructive pulmonary disease and atrial fibrillation: an interdisciplinary perspective. <i>European Heart Journal</i> , 2021 , 42, 532-540	9.5	13
187	Repeated exposure to transient obstructive sleep apnea-related conditions causes an atrial fibrillation substrate in a chronic rat model. <i>Heart Rhythm</i> , 2021 , 18, 455-464	6.7	7
186	Interaktionen schlafbezogener Atmungsstörungen mit Vorhofflimmern. <i>Somnologie</i> , 2021 , 25, 38-44	2	0
185	Implementation of an on-demand app-based heart rate and rhythm monitoring infrastructure for the management of atrial fibrillation through teleconsultation: TeleCheck-AF. <i>Europace</i> , 2021 , 23, 345-352	3.9	25

184	A VIRTUAL Sleep Apnoea management pathway For the work-up of Atrial fibrillation patients in a digital Remote Infrastructure: VIRTUAL-SAFARI. <i>Europace</i> , 2021 ,	3.9	2
183	The use of social media for professional purposes by healthcare professionals: the #intEHRAct survey. <i>Europace</i> , 2021 ,	3.9	1
182	NLRP3 inflammasome is a key driver of obesity-induced atrial arrhythmias. <i>Cardiovascular Research</i> , 2021 , 117, 1746-1759	9.9	13
181	Associations of anemia with stroke, bleeding, and mortality in atrial fibrillation: A systematic review and meta-analysis. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 , 32, 686-694	2.7	8
180	Factors Contributing to Exercise Intolerance in Patients With Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2021 , 30, 947-954	1.8	4
179	Does gut microbiota affect atrial rhythm? Causalities and speculations. <i>European Heart Journal</i> , 2021 , 42, 3521-3525	9.5	3
178	Arrhythmogenic mechanisms of acute obstructive respiratory events in a porcine model of drug-induced long QT. <i>Heart Rhythm</i> , 2021 , 18, 1384-1391	6.7	1
177	Echocardiography-derived total atrial conduction time (PA-TDI duration): risk stratification and guidance in atrial fibrillation management. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1734-1742	6.1	2
176	Sleep Disordered Breathing and Cardiovascular Disease: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 608-624	15.1	11
175	Gut microbiota, dysbiosis and atrial fibrillation. Arrhythmogenic mechanisms and potential clinical implications. <i>Cardiovascular Research</i> , 2021 ,	9.9	6
174	Mobile health solutions for atrial fibrillation detection and management: a systematic review. <i>Clinical Research in Cardiology</i> , 2021 , 1	6.1	4
173	Positionspapier [Schlafmedizin in der Kardiologie] Update 2021. <i>Kardiologe</i> , 2021 , 15, 429-461	0.6	2
172	Mobile health and cardiac arrhythmias: patient self-management in digital care pathways. <i>European Journal of Cardiovascular Nursing</i> , 2021 , 20, 631-632	3.3	
171	Accuracy of Physicians Interpreting Photoplethysmography and Electrocardiography Tracings to Detect Atrial Fibrillation: INTERPRET-AF. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 734737	5.4	2
170	Prevalence and Assessment of Sleep-Disordered Breathing in Patients With Atrial Fibrillation: A Systematic Review and Meta-analysis. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 1846-1856	3.8	0
169	High-power short-duration ablation: The new standard for pulmonary vein isolation?. <i>IJC Heart and Vasculature</i> , 2021 , 36, 100865	2.4	0
168	Clinical utility of rhythm control by electrical cardioversion to assess the association between self-reported symptoms and rhythm status in patients with persistent atrial fibrillation. <i>IJC Heart and Vasculature</i> , 2021 , 36, 100870	2.4	0
167	Sleep apnoea has a dose-dependent effect on atrial remodelling in paroxysmal but not persistent atrial fibrillation: a high-density mapping study. <i>Europace</i> , 2021 , 23, 691-700	3.9	5

166	On-Demand Mobile Health Infrastructure for Remote Rhythm Monitoring within a Wait-and-See Strategy for Recent-Onset Atrial Fibrillation: TeleWAS-AF. <i>Cardiology</i> , 2021 , 146, 392-396	1.6	3
165	On-demand mobile health infrastructures to allow comprehensive remote atrial fibrillation and risk factor management through teleconsultation. <i>Clinical Cardiology</i> , 2020 , 43, 1232-1239	3.3	21
164	On-demand app-based rate and rhythm monitoring to manage atrial fibrillation through teleconsultations during COVID-19. <i>IJC Heart and Vasculature</i> , 2020 , 28, 100533	2.4	19
163	CaMKII activity contributes to homeometric autoregulation of the heart: A novel mechanism for the Anrep effect. <i>Journal of Physiology</i> , 2020 , 598, 3129-3153	3.9	8
162	Pharmacological inhibition of sodium-proton-exchanger subtype 3-mediated sodium absorption in the gut reduces atrial fibrillation susceptibility in obese spontaneously hypertensive rats. <i>IJC Heart and Vasculature</i> , 2020 , 28, 100534	2.4	2
161	Pulmonary vein firing initiating atrial fibrillation in the horse: Oversized dimensions but similar mechanisms. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 1211-1212	2.7	8
160	Temporal patterns and short-term progression of paroxysmal atrial fibrillation: data from RACE V. <i>Europace</i> , 2020 , 22, 1162-1172	3.9	14
159	Association between physical activity and risk of incident arrhythmias in 402406 individuals: evidence from the UK Biobank cohort. <i>European Heart Journal</i> , 2020 , 41, 1479-1486	9.5	42
158	Magnetic resonance imaging in non-conditional pacemakers and implantable cardioverter-defibrillators: a systematic review and meta-analysis. <i>Europace</i> , 2020 , 22, 288-298	3.9	9
157	Catheter-based renal denervation as adjunct to pulmonary vein isolation for treatment of atrial fibrillation: a systematic review and meta-analysis. <i>Journal of Hypertension</i> , 2020 , 38, 783-790	1.9	14
156	Frequency and Determinants of Spontaneous Conversion to Sinus Rhythm in Patients Presenting to the Emergency Department with Recent-onset Atrial Fibrillation: A Systematic Review. <i>Arrhythmia and Electrophysiology Review</i> , 2020 , 9, 195-201	3.2	0
155	Sleep apnea and atrial fibrillation: Update 2020. <i>IJC Heart and Vasculature</i> , 2020 , 31, 100681	2.4	0
154	TeleCheck-AF for COVID-19. <i>European Heart Journal</i> , 2020 , 41, 1954-1955	9.5	39
153	COVID-19 associated atrial fibrillation: Incidence, putative mechanisms and potential clinical implications. <i>IJC Heart and Vasculature</i> , 2020 , 30, 100631	2.4	47
152	Late-onset thyrotoxicosis after the cessation of amiodarone. <i>Indian Pacing and Electrophysiology Journal</i> , 2020 , 20, 265-268	1.5	3
151	Emergency department cardioversion of acute atrial fibrillation. <i>Lancet, The</i> , 2020 , 396, 885	4.0	
150	QTc evaluation in patients with bundle branch block. <i>IJC Heart and Vasculature</i> , 2020 , 30, 100636	2.4	5
149	Cathepsin A contributes to left ventricular remodeling by degrading extracellular superoxide dismutase in mice. <i>Journal of Biological Chemistry</i> , 2020 , 295, 12605-12617	5.4	1

148	Low Prognostic Value of Novel Nocturnal Metrics in Patients With OSA and High Cardiovascular Event Risk: Post Hoc Analyses of the SAVE Study. <i>Chest</i> , 2020 , 158, 2621-2631	5.3	4
147	Inhibition of sodium-proton-exchanger subtype 3-mediated sodium absorption in the gut: A new antihypertensive concept. <i>IJC Heart and Vasculature</i> , 2020 , 29, 100591	2.4	4
146	Transaortic pulmonary vein isolation in the presence of situs inversus and total venous anomaly; technical capabilities for 3D reconstruction and considerations of adequate choice of ablation catheters. <i>IJC Heart and Vasculature</i> , 2020 , 29, 100577	2.4	0
145	Atrial Fibrillation Is Associated With Syncope and Falls in Older Adults: A Systematic Review and Meta-analysis. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 676-687	6.4	9
144	Inadvertent triggering of supraventricular tachycardia during pacemaker interrogation: Time to lose the magnet?. <i>Journal of Cardiology Cases</i> , 2020 , 22, 210-211	0.6	
143	Coordination of a remote mHealth infrastructure for atrial fibrillation management during COVID-19 and beyond: TeleCheck-AF. <i>International Journal of Care Coordination</i> , 2020 , 23, 65-70	0.9	4
142	Emergency department cardioversion of acute atrial fibrillation. <i>Lancet, The</i> , 2020 , 396, 884-885	4.0	
141	One-Year Course of Periprocedural Anticoagulation in Atrial Fibrillation Ablation: Results of a German Nationwide Survey. <i>Cardiology</i> , 2020 , 145, 676-681	1.6	1
140	Cerebral Blood Flow and Cognitive Performance in Postural Tachycardia Syndrome: Insights from Sustained Cognitive Stress Test. <i>Journal of the American Heart Association</i> , 2020 , 9, e017861	6	6
139	Composition of nocturnal hypoxaemic burden and its prognostic value for cardiovascular mortality in older community-dwelling men. <i>European Heart Journal</i> , 2020 , 41, 533-541	9.5	29
138	Clinical evidence for a dynamic atrial fibrillation substrate in sleep apnea. <i>Sleep and Breathing</i> , 2020 , 24, 1657-1659	3.1	
137	Complex interaction of obesity, intentional weight loss and heart failure: a systematic review and meta-analysis. <i>Heart</i> , 2020 , 106, 58-68	5.1	33
136	Mean nocturnal respiratory rate predicts cardiovascular and all-cause mortality in community-dwelling older men and women. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	10
135	How to assess nocturnal hypoxaemic burden in Cardiology?. <i>European Heart Journal</i> , 2019 , 40, 2988	9.5	4
134	His-Bundle Pacing Post-Atrioventricular Node Ablation: Mapping His-Bundle Potential From "Down Under". <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 258-259	4.6	
133	Feasibility, Safety, and Efficacy of Posterior Wall Isolation During Atrial Fibrillation Ablation: A Systematic Review and Meta-Analysis. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e007005	6.4	44
132	Self-Reported Daytime Sleepiness and Sleep-Disordered Breathing in Patients With Atrial Fibrillation: SNOozE-AF. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 1457-1464	3.8	25
131	Cathepsin A Mediates Ventricular Remote Remodeling and Atrial Cardiomyopathy in Rats With Ventricular Ischemia/Reperfusion. <i>JACC Basic To Translational Science</i> , 2019 , 4, 332-344	8.7	7

130	Variability of Sleep Apnea Severity and Risk of Atrial Fibrillation: The VARIOSAF Study. <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 692-701	4.6	35
129	New Findings in Atrial Fibrillation Mechanisms. <i>Cardiac Electrophysiology Clinics</i> , 2019 , 11, 563-571	1.4	20
128	Beamforming-inspired Spatial Filtering Technique for Intracardiac Electrograms. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2019 , 2019, 4254-4257	0.9	
127	Nightly sleep apnea severity in patients with atrial fibrillation: Potential applications of long-term sleep apnea monitoring. <i>IJC Heart and Vasculature</i> , 2019 , 24, 100424	2.4	15
126	Ventricular Arrhythmias in First Acute Myocardial Infarction: Epidemiology, Mechanisms, and Interventions in Large Animal Models. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 158	5.4	21
125	Role of autonomic nervous system in atrial fibrillation. <i>International Journal of Cardiology</i> , 2019 , 287, 181-188	3.2	41
124	German Cardiac Society Working Group on Cellular Electrophysiology state-of-the-art paper: impact of molecular mechanisms on clinical arrhythmia management. <i>Clinical Research in Cardiology</i> , 2019 , 108, 577-599	6.1	11
123	Sleep - the yet underappreciated player in cardiovascular diseases: A clinical review from the German Cardiac Society Working Group on Sleep Disordered Breathing. <i>European Journal of Preventive Cardiology</i> , 2019 , 28, 189-200	3.9	13
122	Postural tachycardia syndrome: current perspectives. <i>Vascular Health and Risk Management</i> , 2018 , 14, 1-11	4.4	27
121	Anatomical and procedural determinants of ambulatory blood pressure lowering following catheter-based renal denervation using radiofrequency. <i>Cardiovascular Revascularization Medicine</i> , 2018 , 19, 845-851	1.6	8
120	Atrial remodeling and ectopic burden in recreational athletes: Implications for risk of atrial fibrillation. <i>Clinical Cardiology</i> , 2018 , 41, 843-848	3.3	24
119	The why, when and how to test for obstructive sleep apnea in patients with atrial fibrillation. <i>Clinical Research in Cardiology</i> , 2018 , 107, 617-631	6.1	30
118	Modulation of renal sympathetic innervation: recent insights beyond blood pressure control. <i>Clinical Autonomic Research</i> , 2018 , 28, 375-384	4.3	13
117	The association between different features of sleep-disordered breathing and blood pressure: A cross-sectional study. <i>Journal of Clinical Hypertension</i> , 2018 , 20, 575-581	2.3	10
116	Nocturnal hypoxemic burden is associated with epicardial fat volume in patients with acute myocardial infarction. <i>Sleep and Breathing</i> , 2018 , 22, 703-711	3.1	18
115	Dual evolutionary origin of insect wings supported by an investigation of the abdominal wing serial homologs in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E658-E667	11.5	34
114	Associations of Obstructive Sleep Apnea With Atrial Fibrillation and Continuous Positive Airway Pressure Treatment: A Review. <i>JAMA Cardiology</i> , 2018 , 3, 532-540	16.2	133
113	The new SFB/TRR219 Research Centre. <i>European Heart Journal</i> , 2018 , 39, 975-977	9.5	5

112	Assessment and interpretation of sleep disordered breathing severity in cardiology: Clinical implications and perspectives. <i>International Journal of Cardiology</i> , 2018 , 271, 281-288	3.2	36
111	Predicted longevity of contemporary cardiac implantable electronic devices: A call for industry-wide "standardized" reporting. <i>Heart Rhythm</i> , 2018 , 15, 1756-1763	6.7	12
110	Diagnostic accuracy of overnight oximetry for the diagnosis of sleep-disordered breathing in atrial fibrillation patients. <i>International Journal of Cardiology</i> , 2018 , 272, 155-161	3.2	19
109	Sympathoadrenergic suppression improves heart function by upregulating the ratio of sRAGE/RAGE in hypertension with metabolic syndrome. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 122, 34-46	5.8	6
108	PREVENTion and regReSSive Effect of weight-loss and risk factor modification on Atrial Fibrillation: the REVERSE-AF study. <i>Europace</i> , 2018 , 20, 1929-1935	3.9	125
107	Update: kardiovaskuläre Schlafmedizin. <i>Kardiologie Up2date</i> , 2018 , 14, 271-283	0	
106	Nightly Variation in Sleep Apnea Severity as Atrial Fibrillation Risk. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2406-2407	15.1	16
105	Electroanatomical Remodeling of the Atria in Obesity: Impact of Adjacent Epicardial Fat. <i>JACC: Clinical Electrophysiology</i> , 2018 , 4, 1529-1540	4.6	56
104	Exercise and Atrial Fibrillation: Prevention or Causation?. <i>Heart Lung and Circulation</i> , 2018 , 27, 1078-1085	5.8	18
103	Hypercoagulability causes atrial fibrosis and promotes atrial fibrillation. <i>European Heart Journal</i> , 2017 , 38, 38-50	9.5	89
102	Renal artery denervation for treatment of patients with self-reported obstructive sleep apnea and resistant hypertension: results from the Global SYMPPLICITY Registry. <i>Journal of Hypertension</i> , 2017 , 35, 148-153	1.9	15
101	Improvement in health-related quality of life after renal sympathetic denervation in real-world hypertensive patients: 12-month outcomes in the Global SYMPPLICITY Registry. <i>Journal of Clinical Hypertension</i> , 2017 , 19, 833-839	2.3	9
100	Pathophysiology of Paroxysmal and Persistent Atrial Fibrillation: Rotors, Foci and Fibrosis. <i>Heart Lung and Circulation</i> , 2017 , 26, 887-893	1.8	57
99	Letter by Kosiuk et al Regarding Article, "Effect of Aggressive Blood Pressure Control on the Recurrence of Atrial Fibrillation After Catheter Ablation: A Randomized, Open Label Clinical Trial (SMAC-AF [Substrate Modification With Aggressive Blood Pressure Control])". <i>Circulation</i> , 2017 , 136, 1267-1268	16.7	
98	Atrial fibrillation and gastroesophageal reflux disease: the cardiogastric interaction. <i>Europace</i> , 2017 , 19, 16-20	3.9	25
97	Concomitant Obesity and Metabolic Syndrome Add to the Atrial Arrhythmogenic Phenotype in Male Hypertensive Rats. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	26
96	Progression and reversibility of stretch induced atrial remodeling: Characterization and clinical implications. <i>Progress in Biophysics and Molecular Biology</i> , 2017 , 130, 376-386	4.7	15
95	Device Therapy for Rate Control: Pacing, Resynchronisation and AV Node Ablation. <i>Heart Lung and Circulation</i> , 2017 , 26, 934-940	1.8	11

94	Reply. <i>Journal of Hypertension</i> , 2017 , 35, 200	1.9	
93	Gastrointestinal sodium absorption, microbiome, and hypertension. <i>Nature Reviews Cardiology</i> , 2017 , 14, 693	14.8	3
92	Apnoea-associated intrathoracic pressure swings create a dynamic arrhythmogenic atrial substrate during sleep. <i>Europace</i> , 2016 , 18, 469	3.9	2
91	Atrial arrhythmogenesis in obstructive sleep apnea: Therapeutic implications. <i>Sleep Medicine Reviews</i> , 2016 , 26, 87-94	10.2	50
90	Proteomic Profiling of Cardiomyocyte-Specific Cathepsin A Overexpression Links Cathepsin A to the Oxidative Stress Response. <i>Journal of Proteome Research</i> , 2016 , 15, 3188-95	5.6	11
89	Renal denervation for treatment of ventricular arrhythmias: data from an International Multicenter Registry. <i>Clinical Research in Cardiology</i> , 2016 , 105, 873-9	6.1	55
88	Neofunctionalization of embryonic head patterning genes facilitates the positioning of novel traits on the dorsal head of adult beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	13
87	Functional value of elytra under various stresses in the red flour beetle, <i>Tribolium castaneum</i> . <i>Scientific Reports</i> , 2016 , 6, 34813	4.9	28
86	Hyperaldosteronism induces left atrial systolic and diastolic dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H1014-H1023	5.2	10
85	Catheter-based radio-frequency renal nerve denervation lowers blood pressure in obese hypertensive swine model. <i>Journal of Hypertension</i> , 2016 , 34, 1854-62	1.9	16
84	The Discovery of Cathepsin A Inhibitors: A Project-Adapted Fragment Approach Based on HTS Results. <i>Methods and Principles in Medicinal Chemistry</i> , 2016 , 687-716	0.4	
83	Modulation of the sympathetic nervous system by renal denervation prevents reduction of aortic distensibility in atherosclerosis prone ApoE-deficient rats. <i>Journal of Translational Medicine</i> , 2016 , 14, 167	8.5	10
82	Inhibition of NHE3-mediated Sodium Absorption in the Gut Reduced Cardiac End-organ Damage Without Deteriorating Renal Function in Obese Spontaneously Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2016 , 67, 225-31	3.1	13
81	Cathepsin A mediates susceptibility to atrial tachyarrhythmia and impairment of atrial emptying function in Zucker diabetic fatty rats. <i>Cardiovascular Research</i> , 2016 , 110, 371-80	9.9	27
80	The nervous heart. <i>Progress in Biophysics and Molecular Biology</i> , 2016 , 120, 199-209	4.7	36
79	Impact of SERVE-HF on management of sleep disordered breathing in heart failure: a call for further studies. <i>Clinical Research in Cardiology</i> , 2016 , 105, 563-70	6.1	31
78	Relaxin Treatment in an Ang-II-Based Transgenic Preeclamptic-Rat Model. <i>PLoS ONE</i> , 2016 , 11, e0150743	3.7	7
77	Low-Level But Not High-Level Baroreceptor Stimulation Inhibits Atrial Fibrillation in a Pig Model of Sleep Apnea. <i>Journal of Cardiovascular Electrophysiology</i> , 2016 , 27, 1086-92	2.7	22

76	Renal denervation reduces office and ambulatory heart rate in patients with uncontrolled hypertension: 12-month outcomes from the global SYMPLICITY registry. <i>Journal of Hypertension</i> , 2016 , 34, 2480-2486	1.9	17
75	Impact of obstructive and central apneas on ventricular repolarisation: lessons learned from studies in man and pigs. <i>Clinical Research in Cardiology</i> , 2016 , 105, 639-647	6.1	20
74	Renal denervation for treatment of hypertension and beyond. <i>Clinical Research in Cardiology</i> , 2015 , 104, 87-8	6.1	6
73	The importance of sleep-disordered breathing in cardiovascular disease. <i>Clinical Research in Cardiology</i> , 2015 , 104, 705-18	6.1	84
72	Effects of renal sympathetic denervation on urinary sodium excretion in patients with resistant hypertension. <i>Clinical Research in Cardiology</i> , 2015 , 104, 672-8	6.1	35
71	Catheter-based renal denervation reduces atrial nerve sprouting and complexity of atrial fibrillation in goats. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 466-74	6.4	49
70	Blood pressure reductions following catheter-based renal denervation are not related to improvements in adherence to antihypertensive drugs measured by urine/plasma toxicological analysis. <i>Clinical Research in Cardiology</i> , 2015 , 104, 1097-105	6.1	61
69	Reply: Sympathetic and Autonomic Effects of Renal Denervation on Atrial Remodeling and Atrial Arrhythmias. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1638-9	5	
68	Resting heart rate is associated with renal disease outcomes in patients with vascular disease: results of the ONTARGET and TRANSCEND studies. <i>Journal of Internal Medicine</i> , 2015 , 278, 38-49	10.8	29
67	Reduced effect of percutaneous renal denervation on blood pressure in patients with isolated systolic hypertension. <i>Hypertension</i> , 2015 , 65, 193-9	8.5	84
66	Impact of Lesion Placement on Efficacy and Safety of Catheter-Based Radiofrequency Renal Denervation. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1766-1775	15.1	126
65	Blood pressure variability after catheter-based renal sympathetic denervation in patients with resistant hypertension. <i>Journal of Hypertension</i> , 2015 , 33, 2512-8	1.9	17
64	Low resting heart rates are associated with new-onset atrial fibrillation in patients with vascular disease: results of the ONTARGET/TRANSCEND studies. <i>Journal of Internal Medicine</i> , 2015 , 278, 303-12	10.8	11
63	Neuropeptide Y as an indicator of successful alterations in sympathetic nervous activity after renal sympathetic denervation. <i>Clinical Research in Cardiology</i> , 2015 , 104, 1064-71	6.1	17
62	Atrial Remodeling Following Catheter-Based Renal Denervation Occurs in a Blood Pressure- and Heart Rate-Independent Manner. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 972-80	5	31
61	Drug therapy for the patient with resistant hypertension. <i>Future Cardiology</i> , 2015 , 11, 191-202	1.3	1
60	8B.04. <i>Journal of Hypertension</i> , 2015 , 33, e108	1.9	0
59	Obstructive respiratory events and premature atrial contractions after cardioversion. <i>European Respiratory Journal</i> , 2015 , 45, 1332-40	13.6	27

58	Progression of kidney injury and cardiac remodeling in obese spontaneously hypertensive rats: the role of renal sympathetic innervation. <i>American Journal of Hypertension</i> , 2015 , 28, 256-65	2.3	45
57	Pathophysiology: The Target for Renal Denervation 2015 , 1-7		1
56	Renal denervation: a novel non-pharmacological approach in heart failure. <i>Journal of Cardiovascular Translational Research</i> , 2014 , 7, 330-7	3.3	5
55	Renal denervation and heart failure. <i>European Journal of Heart Failure</i> , 2014 , 16, 608-13	12.3	44
54	Improvements in left ventricular hypertrophy and diastolic function following renal denervation: effects beyond blood pressure and heart rate reduction. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1916-23	15.1	81
53	Atrial autonomic innervation: a target for interventional antiarrhythmic therapy?. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 215-24	15.1	97
52	Meeting highlights from the 2013 European Society of Cardiology Heart Failure Association Winter Meeting on Translational Heart Failure Research. <i>European Journal of Heart Failure</i> , 2014 , 16, 6-14	12.3	0
51	Renal denervation for the treatment of cardiovascular high risk-hypertension or beyond?. <i>Circulation Research</i> , 2014 , 115, 400-9	15.7	55
50	Role of endo-epicardial dissociation of electrical activity and transmural conduction in the development of persistent atrial fibrillation. <i>Progress in Biophysics and Molecular Biology</i> , 2014 , 115, 173-85	4.7	57
49	Effects of renal sympathetic denervation on exercise blood pressure, heart rate, and capacity in patients with resistant hypertension. <i>Hypertension</i> , 2014 , 63, 839-45	8.5	23
48	Renal denervation: effects on atrial electrophysiology and arrhythmias. <i>Clinical Research in Cardiology</i> , 2014 , 103, 765-74	6.1	32
47	Novel and nonpharmacologic approaches to cardio-protection in hypertension. <i>Current Hypertension Reports</i> , 2014 , 16, 430	4.7	5
46	Effects of renal denervation on atrial arrhythmogenesis. <i>Future Cardiology</i> , 2014 , 10, 813-22	1.3	5
45	Efficacy and safety of catheter-based radiofrequency renal denervation in stented renal arteries. <i>Circulation: Cardiovascular Interventions</i> , 2014 , 7, 813-20	6	12
44	Treatment of obstructive sleep apnoea improves metabolic conditions and prevents initiation of antiarrhythmic therapy in a patient with atrial fibrillation. <i>Europace</i> , 2014 , 16, 245	3.9	1
43	Response to letter regarding article, "renal denervation for the treatment of cardiovascular high risk-hypertension or beyond?". <i>Circulation Research</i> , 2014 , 115, e19-20	15.7	
42	Changes in arterial function in a mouse model of human familial hypercholesterolaemia. <i>Acta Physiologica</i> , 2014 , 211, 61-72	5.6	2
41	Effect of renal denervation on left ventricular mass and function in patients with resistant hypertension: data from a multi-centre cardiovascular magnetic resonance imaging trial. <i>European Heart Journal</i> , 2014 , 35, 2224-31b	9.5	109

40	Effect of obstructive respiratory events on blood pressure and renal perfusion in a pig model for sleep apnea. <i>American Journal of Hypertension</i> , 2014 , 27, 1293-300	2.3	37
39	Experimental Evidence Of The Role Of Renal Sympathetic Denervation For Treating Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2014 , 7, 1128	0.8	0
38	Obstructive sleep apnea and atrial arrhythmogenesis. <i>Current Cardiology Reviews</i> , 2014 , 10, 362-8	2.4	30
37	Catheter-based renal denervation: treating hypertension or beyond?. <i>Chinese Medical Journal</i> , 2014 , 127, 1166-8	2.9	
36	Cardioprotective effects of lixisenatide in rat myocardial ischemia-reperfusion injury studies. <i>Journal of Translational Medicine</i> , 2013 , 11, 84	8.5	54
35	Renal denervation suppresses ventricular arrhythmias during acute ventricular ischemia in pigs. <i>Heart Rhythm</i> , 2013 , 10, 1525-30	6.7	111
34	Does renal denervation target the substrate or the trigger for ventricular arrhythmias?. <i>Journal of Cardiovascular Electrophysiology</i> , 2013 , 24, E20	2.7	2
33	Effects of renal sympathetic denervation on heart rate and atrioventricular conduction in patients with resistant hypertension. <i>International Journal of Cardiology</i> , 2013 , 167, 2846-51	3.2	94
32	Effects of electrical stimulation of carotid baroreflex and renal denervation on atrial electrophysiology. <i>Journal of Cardiovascular Electrophysiology</i> , 2013 , 24, 1028-33	2.7	38
31	Orthostatic function after renal sympathetic denervation in patients with resistant hypertension. <i>International Journal of Cardiology</i> , 2013 , 169, 418-24	3.2	25
30	Effect of renal denervation on neurohumoral activation triggering atrial fibrillation in obstructive sleep apnea. <i>Hypertension</i> , 2013 , 62, 767-74	8.5	98
29	Renal sympathetic denervation provides ventricular rate control but does not prevent atrial electrical remodeling during atrial fibrillation. <i>Hypertension</i> , 2013 , 61, 225-31	8.5	94
28	Renal sympathetic denervation: applications in hypertension and beyond. <i>Nature Reviews Cardiology</i> , 2013 , 10, 465-76	14.8	51
27	The sympathetic nervous system in chronic kidney disease. <i>Current Hypertension Reports</i> , 2013 , 15, 370-6	4.7	18
26	Inhibition of CatA: an emerging strategy for the treatment of heart failure. <i>Future Medicinal Chemistry</i> , 2013 , 5, 399-409	4.1	16
25	Pharmacological inhibition of NHE3-mediated sodium absorption in the gut reduces blood pressure and attenuates impairment of left ventricular compliance. <i>European Heart Journal</i> , 2013 , 34, P573-P573	9.5	
24	Renal denervation attenuates impairment of renal function and kidney injury in obese spontaneously hypertensive rats. <i>European Heart Journal</i> , 2013 , 34, P2367-P2367	9.5	
23	Comparison of unilateral versus bilateral renal denervation in patients with resistant hypertension. <i>European Heart Journal</i> , 2013 , 34, 2704-2704	9.5	1

22	Transmural conduction is the predominant mechanism of breakthrough during atrial fibrillation: evidence from simultaneous endo-epicardial high-density activation mapping. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013 , 6, 334-41	6.4	108
21	Renal denervation reduces blood pressure and attenuates impairment of left ventricular compliance in obese spontaneously hypertensive rats. <i>European Heart Journal</i> , 2013 , 34, P574-P574	9.5	
20	Treating resistant hypertension: role of renal denervation. <i>Integrated Blood Pressure Control</i> , 2013 , 6, 119-28	3.5	9
19	Application in Hypertension of Renal Sympathetic Denervation - A Review. <i>Interventional Cardiology Review</i> , 2013 , 8, 124-126	4.2	1
18	Potential role of renal sympathetic denervation for the treatment of cardiac arrhythmias. <i>EuroIntervention</i> , 2013 , 9 Suppl R, R110-6	3.1	17
17	Expanding the indication spectrum: renal denervation in diabetes. <i>EuroIntervention</i> , 2013 , 9 Suppl R, R117-21	3.1	10
16	Therapeutic potential of renal sympathetic denervation in patients with chronic heart failure. <i>EuroIntervention</i> , 2013 , 9 Suppl R, R122-6	3.1	7
15	Intrathoracic pressure oscillations during obstructive apneas disturb ventricular repolarisation. <i>European Journal of Applied Physiology</i> , 2012 , 112, 4181	3.4	1
14	Cardiac remodeling and myocardial dysfunction in obese spontaneously hypertensive rats. <i>Journal of Translational Medicine</i> , 2012 , 10, 187	8.5	17
13	Atrial fibrillation in obstructive sleep apnea: atrial arrhythmogenic substrate of a different sort. <i>American Journal of Cardiology</i> , 2012 , 110, 1071	3	9
12	Novel amino acid derivatives as inhibitors of cathepsin A. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 7636-49	3.9	37
11	Renal hemodynamics and renal function after catheter-based renal sympathetic denervation in patients with resistant hypertension. <i>Hypertension</i> , 2012 , 60, 419-24	8.5	245
10	Renal sympathetic denervation suppresses postapneic blood pressure rises and atrial fibrillation in a model for sleep apnea. <i>Hypertension</i> , 2012 , 60, 172-8	8.5	179
9	Long-term severe diabetes only leads to mild cardiac diastolic dysfunction in Zucker diabetic fatty rats. <i>European Journal of Heart Failure</i> , 2012 , 14, 193-201	12.3	40
8	Antihypertensive and laxative effects by pharmacological inhibition of sodium-proton-exchanger subtype 3-mediated sodium absorption in the gut. <i>Hypertension</i> , 2012 , 60, 1560-7	8.5	54
7	Combined blockade of early and late activated atrial potassium currents suppresses atrial fibrillation in a pig model of obstructive apnea. <i>Heart Rhythm</i> , 2011 , 8, 1933-9	6.7	31
6	Negative tracheal pressure during obstructive respiratory events promotes atrial fibrillation by vagal activation. <i>Heart Rhythm</i> , 2011 , 8, 1436-43	6.7	170
5	Kardiovaskuläre Erkrankungen: Folgen für den Gastrointestinaltrakt. <i>Gastroenterologe</i> , 2011 , 6, 292-299	0.1	

4	Time course and mechanisms of endo-epicardial electrical dissociation during atrial fibrillation in the goat. <i>Cardiovascular Research</i> , 2011 , 89, 816-24	9.9	102
3	Effect of atrial electrical remodeling on the efficacy of antiarrhythmic drugs: comparison of amiodarone with I(Kr)- and I(to)/IKur-blockade in vivo. <i>Journal of Cardiovascular Electrophysiology</i> , 2007 , 18, 1313-20	2.7	23
2	In vitro and in vivo effects of the atrial selective antiarrhythmic compound AVE1231. <i>Journal of Cardiovascular Pharmacology</i> , 2007 , 49, 197-206	3.1	48
1	Endocardial Surface Changes during Hamster Atrium Development. <i>Annals of the New York Academy of Sciences</i> , 1990 , 588, 373-376	6.5	1