

Johann Christoph Geller

List of Publications by Citations

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77
papers

3,077
citations

24
h-index

54
g-index

87
ext. papers

3,478
ext. citations

4.2
avg, IF

4.35
L-index

#	Paper	IF	Citations
77	Increased expression of extracellular signal-regulated kinase and angiotensin-converting enzyme in human atria during atrial fibrillation. <i>Journal of the American College of Cardiology</i> , 2000 , 35, 1669-77	15.1	453
76	Characterization of left ventricular activation in patients with heart failure and left bundle-branch block. <i>Circulation</i> , 2004 , 109, 1133-9	16.7	446
75	Regulation of angiotensin II receptor subtypes during atrial fibrillation in humans. <i>Circulation</i> , 2000 , 101, 2678-81	16.7	226
74	Pulmonary vein isolation using transvenous catheter cryoablation for treatment of atrial fibrillation without risk of pulmonary vein stenosis. <i>Journal of the American College of Cardiology</i> , 2003 , 42, 752-8	15.1	174
73	Safety and efficacy of enoxaparin compared with unfractionated heparin and oral anticoagulants for prevention of thromboembolic complications in cardioversion of nonvalvular atrial fibrillation: the Anticoagulation in Cardioversion using Enoxaparin (ACE) trial. <i>Circulation</i> , 2004 , 109, 997-1003	16.7	136
72	Acute results of transvenous cryoablation of supraventricular tachycardia (atrial fibrillation, atrial flutter, Wolff-Parkinson-White syndrome, atrioventricular nodal reentry tachycardia). <i>Journal of Cardiovascular Electrophysiology</i> , 2002 , 13, 1082-9	2.7	106
71	New primary prevention trials of sudden cardiac death in patients with left ventricular dysfunction: SCD-HEFT and MADIT-II. <i>American Journal of Cardiology</i> , 1999 , 83, 91D-97D	3	104
70	Delayed rhythm control of atrial fibrillation may be a cause of failure to prevent recurrences: reasons for change to active antiarrhythmic treatment at the time of the first detected episode. <i>Europace</i> , 2008 , 10, 21-7	3.9	98
69	Role of L-type calcium channels in pacing-induced short-term and long-term cardiac memory in canine heart. <i>Circulation</i> , 2003 , 107, 2844-9	16.7	81
68	Effect of successful electrical cardioversion on serum aldosterone in patients with persistent atrial fibrillation. <i>American Journal of Cardiology</i> , 2001 , 88, 906-9, A8	3	78
67	Persistent T-wave changes after alteration of the ventricular activation sequence. New insights into cellular mechanisms of cardiac memory. <i>Circulation</i> , 1993 , 88, 1811-9	16.7	75
66	Clinical efficacy of the wearable cardioverter-defibrillator in acutely terminating episodes of ventricular fibrillation. <i>American Journal of Cardiology</i> , 1998 , 81, 1253-6	3	68
65	Echocardiographic and electrocardiographic predictors for atrial fibrillation recurrence following cardioversion. <i>Journal of Cardiovascular Electrophysiology</i> , 2003 , 14, S162-5	2.7	59
64	Clinical efficacy of a wearable defibrillator in acutely terminating episodes of ventricular fibrillation using biphasic shocks. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2003 , 26, 2016-22	1.6	55
63	Quarterly vs. yearly clinical follow-up of remotely monitored recipients of prophylactic implantable cardioverter-defibrillators: results of the REFORM trial. <i>European Heart Journal</i> , 2014 , 35, 98-105	9.5	50
62	Prevalence and outcome of congenital left ventricular aneurysms and diverticula in an adult population. <i>Cardiology</i> , 2009 , 112, 287-93	1.6	46
61	Importance of left atrial diameter and atrial fibrillatory frequency for conversion of persistent atrial fibrillation with oral flecainide. <i>American Journal of Cardiology</i> , 2002 , 90, 1011-4	3	45

60	Incidence and predictors of pericardial effusion after permanent heart rhythm device implantation: prospective evaluation of 968 consecutive patients. <i>Circulation Journal</i> , 2013 , 77, 975-81	2.9	44
59	Atrial fibrillation burden during the post-implant period after crt using device-based diagnostics. <i>Journal of Cardiovascular Electrophysiology</i> , 2006 , 17, 813-7	2.7	42
58	Time-frequency analysis of the surface electrocardiogram for monitoring antiarrhythmic drug effects in atrial fibrillation. <i>American Journal of Cardiology</i> , 2005 , 95, 526-8	3	41
57	Increased expression of P-selectin in patients with chronic atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000 , 23, 1872-5	1.6	35
56	Low rate of asymptomatic cerebral embolism and improved procedural efficiency with the novel pulmonary vein ablation catheter GOLD: results of the PRECISION GOLD trial. <i>Europace</i> , 2016 , 18, 687-93	3.9	32
55	Treatment of atrial fibrillation with an implantable atrial defibrillator--long term results. <i>European Heart Journal</i> , 2003 , 24, 2083-9	9.5	30
54	Achievement of guideline-defined treatment goals in primary care: the German Coronary Risk Management (CoRiMa) study. <i>European Heart Journal</i> , 2007 , 28, 3051-8	9.5	27
53	Prevalence and spectrum of abnormal electrocardiograms in patients with an isolated congenital left ventricular aneurysm or diverticulum. <i>Europace</i> , 2009 , 11, 1689-95	3.9	24
52	Rapid conversion of persistent atrial fibrillation to sinus rhythm by intravenous AZD7009. <i>Journal of Clinical Pharmacology</i> , 2009 , 49, 312-22	2.9	24
51	Case report: severe skin burn at the site of the indifferent electrode after radiofrequency catheter ablation of typical atrial flutter. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2001 , 5, 337-40	2.4	24
50	Clinical relevance of stored electrograms for implantable cardioverter-defibrillator (ICD) troubleshooting and understanding of mechanisms for ventricular tachyarrhythmias. <i>American Journal of Cardiology</i> , 1996 , 78, 33-41	3	23
49	Close proximity between pulmonary artery and left atrial appendage leading to perforation of the artery, tamponade and death after appendage closure using cardiac plug device. <i>International Journal of Cardiology</i> , 2014 , 175, e35-6	3.2	22
48	New evidence that AV node slow pathway conduction directly influences fast pathway function. <i>Journal of Cardiovascular Electrophysiology</i> , 1998 , 9, 1026-35	2.7	21
47	Pocket related complications in 163 patients receiving anticoagulation or dual antiplatelet therapy: D-Stat Hemostat versus standard of care. <i>International Journal of Cardiology</i> , 2012 , 159, 177-80	3.2	20
46	Incidence and predictors of ventricular arrhythmias after ST-segment elevation myocardial infarction. <i>American Journal of Emergency Medicine</i> , 2012 , 30, 580-6	2.9	19
45	Incremental programming of atrial anti-tachycardia pacing therapies in bradycardia-indicated patients: effects on therapy efficacy and atrial tachyarrhythmia burden. <i>Europace</i> , 2003 , 5, 403-9	3.9	19
44	Incidence, predictors, and outcome of inadvertent malposition of transvenous pacing or defibrillation lead in the left heart. <i>Europace</i> , 2016 , 18, 1049-54	3.9	18
43	Feasibility of catheter cryoablation in normal ventricular myocardium and healed myocardial infarction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2004 , 27, 1530-9	1.6	18

42	Atrial natriuretic peptide in patients with diabetes mellitus type I. Effects on systemic and renal hemodynamics and renal excretory function. <i>American Journal of Hypertension</i> , 1990 , 3, 674-81	2.3	15
41	Long-term prognosis of adult patients with isolated congenital left ventricular aneurysm or diverticulum and abnormal electrocardiogram patterns. <i>Circulation Journal</i> , 2012 , 76, 2465-70	2.9	14
40	The Use of a Quadripolar Left Ventricular Lead Increases Successful Implantation Rates in Patients with Phrenic Nerve Stimulation and/or High Pacing Thresholds Undergoing Cardiac Resynchronisation Therapy with Conventional Bipolar Leads. <i>Indian Pacing and Electrophysiology Journal</i> , 2013 , 13, 58-65	1.5	14
39	Out-of-hospital cardiac arrest due to idiopathic ventricular fibrillation in patients with normal electrocardiograms: results from a multicentre long-term registry. <i>Europace</i> , 2019 , 21, 1670-1677	3.9	13
38	Efficacy and safety of moricizine in the maintenance of sinus rhythm in patients with recurrent atrial fibrillation. <i>American Journal of Cardiology</i> , 2001 , 87, 172-7	3	13
37	Temperature monitoring and temperature-driven irrigated radiofrequency energy titration do not prevent thermally induced esophageal lesions in pulmonary vein isolation: A randomized study controlled by esophagoscopy before and after catheter ablation. <i>Heart Rhythm</i> , 2021 , 18, 926-934	6.7	13
36	Implant-based multi-parameter telemonitoring of patients with heart failure and a defibrillator with vs. without cardiac resynchronization therapy option: a subanalysis of the IN-TIME trial. <i>Clinical Research in Cardiology</i> , 2019 , 108, 1117-1127	6.1	12
35	Thromboembolic stroke after cardioversion with incomplete left atrial appendage closure. <i>Clinical Research in Cardiology</i> , 2014 , 103, 835-7	6.1	12
34	An increase in sinus rate following radiofrequency energy application in the posteroseptal space. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1998 , 21, 303-7	1.6	12
33	Spontaneous episode of polymorphic ventricular tachycardia in a patient with intermittent Brugada syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2001 , 12, 1094	2.7	12
32	Persistent T-wave changes after radiofrequency catheter ablation of an accessory connection (Wolff-parkinson-white syndrome) are caused by "cardiac memory". <i>American Heart Journal</i> , 1999 , 138, 987-93	4.9	12
31	Changes in AV node conduction curves following slow pathway modification. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000 , 23, 1651-60	1.6	11
30	Noncontact mapping of ventricular tachycardia in a closed-chest animal model of chronic myocardial infarction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2003 , 26, 2253-63	1.6	10
29	Rationale and design of the MONITOR-ICD study: a randomized comparison of economic and clinical effects of automatic remote MONITORing versus control in patients with Implantable Cardioverter Defibrillators. <i>American Heart Journal</i> , 2014 , 168, 430-7	4.9	9
28	Relation between the AH interval and the ablation site in patients with atrioventricular nodal reentrant tachycardia. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2004 , 27, 1347-54	1.6	9
27	Remote monitoring and clinical outcomes: details on information flow and workflow in the IN-TIME study. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2019 , 5, 136-144	4.6	8
26	Voltage mapping and pacing to assess the level of pulmonary venous isolation achieved with a novel circular multielectrode ablation catheter. <i>Europace</i> , 2010 , 12, 933-40	3.9	8
25	Influence of the anatomic characteristics of the pulmonary vein ostium, the learning curve, and the use of a steerable sheath on success of pulmonary vein isolation with a novel multielectrode ablation catheter. <i>Europace</i> , 2012 , 14, 331-40	3.9	8

24	Catheter ablation of ventricular tachycardia by intramyocardial injection of ethanol in an animal model of chronic myocardial infarction. <i>Journal of Cardiovascular Electrophysiology</i> , 2004 , 15, 332-41	2.7	8
23	Electrocardiographic and Electrophysiological Characteristics of Atrial Tachycardia With Early Activation Close to the His-Bundle. <i>Journal of Cardiovascular Electrophysiology</i> , 2016 , 27, 175-82	2.7	8
22	Pilot study: Noninvasive monitoring of oral flecainide's effects on atrial electrophysiology during persistent human atrial fibrillation using the surface electrocardiogram. <i>Annals of Noninvasive Electrocardiology</i> , 2005 , 10, 206-10	1.5	7
21	Pocket related complications following cardiac electronic device implantation in patients receiving anticoagulation and/or dual antiplatelet therapy: prospective evaluation of different preventive strategies. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2019 , 54, 247-255	2.4	6
20	Protected risk stratification with the wearable cardioverter-defibrillator: results from the WEARIT-II-EUROPE registry. <i>Clinical Research in Cardiology</i> , 2021 , 110, 102-113	6.1	6
19	Residual conduction after pulmonary vein isolation with a circular multielectrode radiofrequency ablation catheter: the role of adenosine and orciprenalin during a prolonged observation time. <i>International Journal of Cardiology</i> , 2013 , 168, 4122-31	3.2	5
18	Ventricular aneurysms are different from ventricular diverticula!. <i>Circulation Journal</i> , 2013 , 77, 276	2.9	4
17	Chloroethylclonidine increases the incidence of lethal arrhythmias during coronary occlusion in anesthetized dogs. <i>European Journal of Pharmacology</i> , 1995 , 294, 423-8	5.3	4
16	Computed tomography-derived left atrial volume index, sex, and age to predict the presence and the extent of left atrial low-voltage zones in patients with atrial fibrillation: The ZAQ score. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 895-902	2.7	4
15	What is the mechanism of the wide QRS tachycardia?. <i>Journal of Cardiovascular Electrophysiology</i> , 1998 , 9, 787-9	2.7	2
14	Age related differences in the response to acidosis, hypoxia, and hyperkalaemia in canine cardiac Purkinje fibers. <i>Cardiovascular Research</i> , 1994 , 28, 125-8	9.9	2
13	Myocardial Drainage via Thebesian Veins: Demonstration by Contrast Enhanced Color Doppler. <i>Echocardiography</i> , 1991 , 8, 527-532	1.5	2
12	Isolated Disruption of the Right Coronary Artery Following a Steam Pop during Cavotricuspid Linear Ablation with a Contact Force Catheter. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2016 , 39, 771-3	1.6	2
11	Catheter ablation of ventricular ectopy with para-hisian origin: importance of mapping both sides of the interventricular septum and understanding when to stop ablating. <i>Clinical Case Reports (discontinued)</i> , 2016 , 4, 1195-1200	0.7	2
10	Very early discharge after cardiac implantable electronic device implantations: is this the future?. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021 , 60, 231-237	2.4	2
9	Reduction of inappropriate implantable cardioverter-defibrillator therapies using enhanced supraventricular tachycardia discriminators: the ReduceIT study. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021 , 61, 339-348	2.4	1
8	Reappraisal and new observations on atrial tachycardia ablated from the non-coronary aortic sinus of Valsalva. <i>Europace</i> , 2018 , 20, 214	3.9	0
7	Heat-induced oxidation of an implantable cardioverter-defibrillator titanium alloy housing. <i>Europace</i> , 2018 , 20, 1267	3.9	

- 6 Conduction recovery at the mitral isthmus triggers atrial fibrillation in a patient with rate-dependent block and recurrent atrial fibrillation after previous pulmonary vein isolation and left atrial linear ablation. *Europace*, **2016**, 18, 1697 3.9
- 5 Left superior vena cava conduction to the left atrium unmasked by adenosine in a patient with paroxysmal atrial fibrillation during pulmonary vein isolation. *Europace*, **2010**, 12, 130-2 3.9
- 4 Personalized care attitude and implantable cardioverter-defibrillator (ICD) therapy in Denmark. *Europace*, **2011**, 13, 603-4 3.9
- 3 Use of subcutaneous enoxaparin compared to intravenous heparin and oral phenprocoumon in the setting of cardioversion—the ACE study (Anticoagulation in Cardioversion using Enoxaparin). *Journal of Interventional Cardiac Electrophysiology*, **2003**, 7, 382-6
- 2 Critical analysis of ineffective post implantation implantable cardioverter-defibrillator-testing. *World Journal of Cardiology*, **2017**, 9, 167-173 2.1
- 1 Left atrial appendage electrical isolation for persistent atrial fibrillation. *PACE - Pacing and Clinical Electrophysiology*, **2019**, 42, 306-308 1.6