

J Peter Van Tintelen

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

7,179
citations

76031

42
h-index

68831

81
g-index

111
all docs

111
docs citations

111
times ranked

6975
citing authors

#	ARTICLE	IF	CITATIONS
1	The prevalence of left and right bundle branch block morphology ventricular tachycardia amongst patients with arrhythmogenic cardiomyopathy and sustained ventricular tachycardia: insights from the European Survey on Arrhythmogenic Cardiomyopathy. <i>Europace</i> , 2022, 24, 285-295.	0.7	7
2	Comparing clinical performance of current implantable cardioverter-defibrillator implantation recommendations in arrhythmogenic right ventricular cardiomyopathy. <i>Europace</i> , 2022, 24, 296-305.	0.7	9
3	Sex-specific aspects of phospholamban cardiomyopathy: The importance and prognostic value of low-voltage electrocardiograms. <i>Heart Rhythm</i> , 2022, 19, 427-434.	0.3	8
4	A tailored approach to informing relatives at risk of inherited cardiac conditions: results of a randomised controlled trial. <i>European Journal of Human Genetics</i> , 2022, 30, 203-210.	1.4	7
5	Integrating Exercise Into Personalized Ventricular Arrhythmia Risk Prediction in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2022, 15, CIRCEP121010221.	2.1	5
6	Echocardiographic Deformation Imaging for Early Detection of Genetic Cardiomyopathies. <i>Journal of the American College of Cardiology</i> , 2022, 79, 594-608.	1.2	10
7	Clinical Characteristics and Follow-Up of Pediatric-Onset Arrhythmogenic Right Ventricular Cardiomyopathy. <i>JACC: Clinical Electrophysiology</i> , 2022, 8, 306-318.	1.3	10
8	Generation of human induced pluripotent stem cell (iPSC) lines derived from five patients carrying the pathogenic phospholamban-R14del (PLN-R14del) variant and three non-carrier family members. <i>Stem Cell Research</i> , 2022, 60, 102737.	0.3	3
9	Value of genetic testing in the diagnosis and risk stratification of arrhythmogenic right ventricular cardiomyopathy. <i>Heart Rhythm</i> , 2022, 19, 1659-1665.	0.3	6
10	Genetic Basis of Dilated Cardiomyopathy in Dogs and Its Potential as a Bidirectional Model. <i>Animals</i> , 2022, 12, 1679.	1.0	5
11	Sudden Cardiac Death Prediction in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e008509.	2.1	82
12	Cadherin 2-Related Arrhythmogenic Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003097.	1.6	21
13	Evidence-Based Assessment of Genes in Dilated Cardiomyopathy. <i>Circulation</i> , 2021, 144, 7-19.	1.6	213
14	Prediction of ventricular arrhythmia in phospholamban p.Arg14del mutation carriers "reaching the frontiers of individual risk prediction. <i>European Heart Journal</i> , 2021, 42, 2842-2850.	1.0	54
15	International Evidence Based Reappraisal of Genes Associated With Arrhythmogenic Right Ventricular Cardiomyopathy Using the Clinical Genome Resource Framework. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003273.	1.6	112
16	The genetic architecture of Plakophilin 2 cardiomyopathy. <i>Genetics in Medicine</i> , 2021, 23, 1961-1968.	1.1	13
17	Terminal osseous dysplasia with pigmentary defects and cardiomyopathy caused by a novel FLNA variant. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 3814-3820.	0.7	1
18	Epicardial differentiation drives fibro-fatty remodeling in arrhythmogenic cardiomyopathy. <i>Science Translational Medicine</i> , 2021, 13, eabf2750.	5.8	16

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19	Phenotypic Expression, Natural History, and Risk Stratification of Cardiomyopathy Caused by Filamin C Truncating Variants. <i>Circulation</i> , 2021, 144, 1600-1611.	1.6	43
20	Uptake and Patient Perspectives on Additional Testing for Novel Disease-Associated Genes: Lessons from a PAH Cohort. <i>Genes</i> , 2021, 12, 1540.	1.0	1
21	Global approaches to cardiogenetic evaluation after sudden cardiac death in the young: A survey among health care professionals. <i>Heart Rhythm</i> , 2021, 18, 1637-1644.	0.3	8
22	Shared genetic pathways contribute to risk of hypertrophic and dilated cardiomyopathies with opposite directions of effect. <i>Nature Genetics</i> , 2021, 53, 128-134.	9.4	155
23	Phenotypic spectrum of <i>TGFB3</i> disease-causing variants in a Dutch-French cohort and first report of a homozygous patient. <i>Clinical Genetics</i> , 2020, 97, 723-730.	1.0	15
24	Genetic Evaluation in a Cohort of 126 Dutch Pulmonary Arterial Hypertension Patients. <i>Genes</i> , 2020, 11, 1191.	1.0	12
25	Desmin is essential for the structure and function of the sinoatrial node: implications for increased arrhythmogenesis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H557-H570.	1.5	11
26	Prevalence and Prognostic Impact of Pathogenic Variants in Patients With Dilated Cardiomyopathy Referred for Ventricular Tachycardia Ablation. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1103-1114.	1.3	16
27	Influence of Panel Selection on Yield of Clinically Useful Variants in Arrhythmogenic Right Ventricular Cardiomyopathy Families. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, 548-550.	1.6	4
28	Long-Term Follow-Up Study on the Uptake of Genetic Counseling and Predictive DNA Testing in Inherited Cardiac Conditions. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, 524-530.	1.6	11
29	Transethnic Genome-Wide Association Study Provides Insights in the Genetic Architecture and Heritability of Long QT Syndrome. <i>Circulation</i> , 2020, 142, 324-338.	1.6	83
30	The phospholamban p.(Arg14del) pathogenic variant leads to cardiomyopathy with heart failure and is unresponsive to standard heart failure therapy. <i>Scientific Reports</i> , 2020, 10, 9819.	1.6	38
31	Quantitative Approach to Fragmented QRS in Arrhythmogenic Cardiomyopathy: From Disease towards Asymptomatic Carriers of Pathogenic Variants. <i>Journal of Clinical Medicine</i> , 2020, 9, 545.	1.0	12
32	The role of genetics in cardiovascular disease: arrhythmogenic cardiomyopathy. <i>European Heart Journal</i> , 2020, 41, 1393-1400.	1.0	54
33	Clinical characteristics and determinants of the phenotype in TMEM43 arrhythmogenic right ventricular cardiomyopathy type 5. <i>Heart Rhythm</i> , 2020, 17, 945-954.	0.3	28
34	Homozygous damaging SOD2 variant causes lethal neonatal dilated cardiomyopathy. <i>Journal of Medical Genetics</i> , 2020, 57, 23-30.	1.5	16
35	Diagnosing arrhythmogenic right ventricular cardiomyopathy by 2010 Task Force Criteria: clinical performance and simplified practical implementation. <i>Europace</i> , 2020, 22, 787-796.	0.7	40
36	Heritability in genetic heart disease: the role of genetic background. <i>Open Heart</i> , 2019, 6, e000929.	0.9	17

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37	2019 HRS expert consensus statement on evaluation, risk stratification, and management of arrhythmogenic cardiomyopathy: Executive summary. <i>Heart Rhythm</i> , 2019, 16, e373-e407.	0.3	135
38	Arrhythmogenic Right Ventricular Cardiomyopathy-Associated Desmosomal Variants Are Rarely De Novo. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002467.	1.6	38
39	Evaluating the Clinical Validity of Hypertrophic Cardiomyopathy Genes. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002460.	1.6	267
40	Definition and treatment of arrhythmogenic cardiomyopathy: an updated expert panel report. <i>European Journal of Heart Failure</i> , 2019, 21, 955-964.	2.9	84
41	Fetal methotrexate syndrome: A systematic review of case reports. <i>Reproductive Toxicology</i> , 2019, 87, 125-139.	1.3	33
42	Mortality Risk Associated With Truncating Founder Mutations in Titin. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002436.	1.6	5
43	2019 HRS expert consensus statement on evaluation, risk stratification, and management of arrhythmogenic cardiomyopathy. <i>Heart Rhythm</i> , 2019, 16, e301-e372.	0.3	494
44	Informing relatives at risk of inherited cardiac conditions: experiences and attitudes of healthcare professionals and counselees. <i>European Journal of Human Genetics</i> , 2019, 27, 1341-1350.	1.4	10
45	Relevance of Titin Missense and Non-Frameshifting Insertions/Deletions Variants in Dilated Cardiomyopathy. <i>Scientific Reports</i> , 2019, 9, 4093.	1.6	30
46	A tailored approach towards informing relatives at risk of inherited cardiac conditions: study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e025660.	0.8	2
47	Distinct molecular signature of phospholamban p.Arg14del arrhythmogenic cardiomyopathy. <i>Cardiovascular Pathology</i> , 2019, 40, 2-6.	0.7	16
48	Flotillins in the intercalated disc are potential modulators of cardiac excitability. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 126, 86-95.	0.9	3
49	Autosomal dominant Marfan syndrome caused by a previously reported recessive <i>FBN1</i> variant. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e00518.	0.6	6
50	Myocardial fibrosis as an early feature in phospholamban p.Arg14del mutation carriers: phenotypic insights from cardiovascular magnetic resonance imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 92-100.	0.5	48
51	Ankyrin-B dysfunction predisposes to arrhythmogenic cardiomyopathy and is amenable to therapy. <i>Journal of Clinical Investigation</i> , 2019, 129, 3171-3184.	3.9	42
52	Toward an effective exome-based genetic testing strategy in pediatric dilated cardiomyopathy. <i>Genetics in Medicine</i> , 2018, 20, 1374-1386.	1.1	36
53	Predicting arrhythmic risk in arrhythmogenic right ventricular cardiomyopathy: A systematic review and meta-analysis. <i>Heart Rhythm</i> , 2018, 15, 1097-1107.	0.3	79
54	Mutations in <i>CYB561</i> Causing a Novel Orthostatic Hypotension Syndrome. <i>Circulation Research</i> , 2018, 122, 846-854.	2.0	22

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55	Adaptation and validation of the ACMG/AMP variant classification framework for MYH7-associated inherited cardiomyopathies: recommendations by ClinGen's Inherited Cardiomyopathy Expert Panel. <i>Genetics in Medicine</i> , 2018, 20, 351-359.	1.1	283
56	A common co-morbidity modulates disease expression and treatment efficacy in inherited cardiac sodium channelopathy. <i>European Heart Journal</i> , 2018, 39, 2898-2907.	1.0	17
57	Cardiac Arrest During Spine Surgery in the Prone Position: Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2018, 115, 460-467.e1.	0.7	6
58	Identification of sarcomeric variants in probands with a clinical diagnosis of arrhythmogenic right ventricular cardiomyopathy (ARVC). <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1004-1009.	0.8	15
59	Effect of Ascertainment Bias on Estimates of Patient Mortality in Inherited Cardiac Diseases. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001797.	1.6	10
60	Desmoplakin Gene Variants and Risk for Arrhythmogenic Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002241.	1.6	11
61	Whole-Exome Sequencing Identifies Pathogenic Variants in <i>TJP1</i> Gene Associated With Arrhythmogenic Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002123.	1.6	38
62	No major role for rare plectin variants in arrhythmogenic right ventricular cardiomyopathy. <i>PLoS ONE</i> , 2018, 13, e0203078.	1.1	2
63	Multilevel analyses of SCN5A mutations in arrhythmogenic right ventricular dysplasia/cardiomyopathy suggest non-canonical mechanisms for disease pathogenesis. <i>Cardiovascular Research</i> , 2017, 113, 102-111.	1.8	148
64	Isolated Subepicardial Right Ventricular Outflow Tract Scar in Athletes With Ventricular Tachycardia. <i>Journal of the American College of Cardiology</i> , 2017, 69, 497-507.	1.2	56
65	Follow-up care by a genetic counsellor for relatives at risk for cardiomyopathies is cost-saving and well-appreciated: a randomised comparison. <i>European Journal of Human Genetics</i> , 2017, 25, 169-175.	1.4	8
66	Burden of Recurrent and Ancestral Mutations in Families With Hypertrophic Cardiomyopathy. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	18
67	Redefining the role of biomarkers in heart failure trials: expert consensus document. <i>Heart Failure Reviews</i> , 2017, 22, 263-277.	1.7	18
68	Large Genomic Rearrangements of Desmosomal Genes in Italian Arrhythmogenic Cardiomyopathy Patients. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	35
69	Arrhythmogenic cardiomyopathy: pathology, genetics, and concepts in pathogenesis. <i>Cardiovascular Research</i> , 2017, 113, 1521-1531.	1.8	98
70	Phospholamban immunostaining is a highly sensitive and specific method for diagnosing phospholamban p.Arg14del cardiomyopathy. <i>Cardiovascular Pathology</i> , 2017, 30, 23-26.	0.7	17
71	Truncating titin mutations are associated with a mild and treatable form of dilated cardiomyopathy. <i>European Journal of Heart Failure</i> , 2017, 19, 512-521.	2.9	127
72	High proportion of genetic cases in patients with advanced cardiomyopathy including a novel homozygous Plakophilin 2-gene mutation. <i>PLoS ONE</i> , 2017, 12, e0189489.	1.1	33

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73	Pregnancy course and outcomes in women with arrhythmogenic right ventricular cardiomyopathy. <i>Heart</i> , 2016, 102, 303-312.	1.2	50
74	Phospholamban p.Arg14del cardiomyopathy is characterized by phospholamban aggregates, aggresomes, and autophagic degradation. <i>Histopathology</i> , 2016, 69, 542-550.	1.6	46
75	QRS prolongation after premature stimulation is associated with polymorphic ventricular tachycardia in nonischemic cardiomyopathy: Results from the Leiden Nonischemic Cardiomyopathy Study. <i>Heart Rhythm</i> , 2016, 13, 860-869.	0.3	7
76	Biallelic Truncating Mutations in ALPK3 Cause Severe Pediatric Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2016, 67, 515-525.	1.2	70
77	Hypertrophic remodelling in cardiac regulatory myosin light chain (<i>MYL2</i>) founder mutation carriers. <i>European Heart Journal</i> , 2016, 37, 1815-1822.	1.0	63
78	Approach to family screening in arrhythmogenic right ventricular dysplasia/cardiomyopathy. <i>European Heart Journal</i> , 2016, 37, 755-763.	1.0	68
79	Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy in the Pediatric Population. <i>JACC: Clinical Electrophysiology</i> , 2015, 1, 551-560.	1.3	74
80	The ARVD/C Genetic Variants Database: 2014 Update. <i>Human Mutation</i> , 2015, 36, 403-410.	1.1	77
81	Impact of genotype on clinical course in arrhythmogenic right ventricular dysplasia/cardiomyopathy-associated mutation carriers. <i>European Heart Journal</i> , 2015, 36, 847-855.	1.0	338
82	The current role of next-generation DNA sequencing in routine care of patients with hereditary cardiovascular conditions: a viewpoint paper of the European Society of Cardiology working group on myocardial and pericardial diseases and members of the European Society of Human Genetics. <i>European Heart Journal</i> , 2015, 36, 1367-1370.	1.0	75
83	Complement system modulation as a target for treatment of arrhythmogenic cardiomyopathy. <i>Basic Research in Cardiology</i> , 2015, 110, 27.	2.5	38
84	Clinical Presentation, Long-Term Follow-Up, and Outcomes of 1001 Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy Patients and Family Members. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 437-446.	5.1	370
85	A group approach to genetic counselling of cardiomyopathy patients: satisfaction and psychological outcomes sufficient for further implementation. <i>European Journal of Human Genetics</i> , 2015, 23, 1462-1467.	1.4	14
86	The TMEM43 Newfoundland mutation p.S358L causing ARVC-5 was imported from Europe and increases the stiffness of the cell nucleus. <i>European Heart Journal</i> , 2015, 36, 872-881.	1.0	56
87	Clinical utility gene card for: arrhythmogenic right ventricular cardiomyopathy (ARVC). <i>European Journal of Human Genetics</i> , 2014, 22, 293-293.	1.4	27
88	Potential genetic predisposition for anthracycline-associated cardiomyopathy in families with dilated cardiomyopathy. <i>Open Heart</i> , 2014, 1, e000116.	0.9	40
89	Titin gene mutations are common in families with both peripartum cardiomyopathy and dilated cardiomyopathy. <i>European Heart Journal</i> , 2014, 35, 2165-2173.	1.0	159
90	Functional assessment of potential splice site variants in arrhythmogenic right ventricular dysplasia/cardiomyopathy. <i>Heart Rhythm</i> , 2014, 11, 2010-2017.	0.3	13

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91	Pregnancy, cardiomyopathies, and genetics. <i>Cardiovascular Research</i> , 2014, 101, 571-578.	1.8	40
92	Successful treatment of a patient with symptomatic long QT syndrome type 3 using ranolazine combined with a beta-blocker. <i>International Journal of Cardiology</i> , 2014, 171, 90-92.	0.8	20
93	Outcome in Phospholamban R14del Carriers. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 455-465.	5.1	146
94	Clinical utility gene card for: Dilated Cardiomyopathy (CMD). <i>European Journal of Human Genetics</i> , 2013, 21, 1185-1185.	1.4	30
95	Mortality of Inherited Arrhythmia Syndromes. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 183-189.	5.1	39
96	Phospholamban R14del mutation in patients diagnosed with dilated cardiomyopathy or arrhythmogenic right ventricular cardiomyopathy: evidence supporting the concept of arrhythmogenic cardiomyopathy. <i>European Journal of Heart Failure</i> , 2012, 14, 1199-1207.	2.9	369
97	Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. <i>Circulation</i> , 2011, 123, 2690-2700.	1.6	194
98	Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy Diagnostic Task Force Criteria. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 126-133.	2.1	65
99	Desmin mutations as a cause of right ventricular heart failure affect the intercalated disks. <i>Heart Rhythm</i> , 2010, 7, 1058-1064.	0.3	97
100	Family letters are an effective way to inform relatives about inherited cardiac disease. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 357-363.	0.7	77
101	Severe cardiac phenotype with right ventricular predominance in a large cohort of patients with a single missense mutation in the DES gene. <i>Heart Rhythm</i> , 2009, 6, 1574-1583.	0.3	143
102	Activation Delay and VT Parameters in Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy: Toward Improvement of Diagnostic ECG Criteria. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 775-781.	0.8	102
103	Molecular genetics of arrhythmogenic right ventricular cardiomyopathy: emerging horizon?. <i>Current Opinion in Cardiology</i> , 2007, 22, 185-192.	0.8	67
104	High yield of LMNA mutations in patients with dilated cardiomyopathy and/or conduction disease referred to cardiogenetics outpatient clinics. <i>American Heart Journal</i> , 2007, 154, 1130-1139.	1.2	150
105	Severe Myocardial Fibrosis Caused by a Deletion of the 5' End of the Lamin A/C Gene. <i>Journal of the American College of Cardiology</i> , 2007, 49, 2430-2439.	1.2	79
106	Plakophilin-2 Mutations Are the Major Determinant of Familial Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy. <i>Circulation</i> , 2006, 113, 1650-1658.	1.6	326