

# Jan Haas

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

4,523  
citations

147801

31  
h-index

128289

60  
g-index

63  
all docs

63  
docs citations

63  
times ranked

7700  
citing authors

#	ARTICLE	IF	CITATIONS
1	SLM2 Is A Novel Cardiac Splicing Factor Involved in Heart Failure due to Dilated Cardiomyopathy. Genomics, Proteomics and Bioinformatics, 2022, 20, 129-146.	6.9	4
2	Missense Variant E1295K of Sodium Channel SCN5A Associated With Recurrent Ventricular Fibrillation and Myocardial Inflammation. JACC: Case Reports, 2022, 4, 280-286.	0.6	7
3	Doxorubicin induces cardiotoxicity in a pluripotent stem cell model of aggressive B cell lymphoma cancer patients. Basic Research in Cardiology, 2022, 117, 13.	5.9	10
4	Marathon-Induced Cardiac Strain as Model for the Evaluation of Diagnostic microRNAs for Acute Myocardial Infarction. Journal of Clinical Medicine, 2022, 11, 5.	2.4	4
5	Reduction of A-to-I RNA editing in the failing human heart regulates formation of circular RNAs. Basic Research in Cardiology, 2022, 117, .	5.9	19
6	microRNA neural networks improve diagnosis of acute coronary syndrome (ACS). Journal of Molecular and Cellular Cardiology, 2021, 151, 155-162.	1.9	6
7	Energy Metabolites as Biomarkers in Ischemic and Dilated Cardiomyopathy. International Journal of Molecular Sciences, 2021, 22, 1999.	4.1	20
8	Extracellular NLRP3 inflammasome particles are internalized by human coronary artery smooth muscle cells and induce pro-atherogenic effects. Scientific Reports, 2021, 11, 15156.	3.3	8
9	Controlling my genome with my smartphone: first clinical experiences of the PROMISE system. Clinical Research in Cardiology, 2021, , 1.	3.3	3
10	Identification of SCN5a p.C335R Variant in a Large Family with Dilated Cardiomyopathy and Conduction Disease. International Journal of Molecular Sciences, 2021, 22, 12990.	4.1	16
11	The chameleon of cardiology: cardiac sarcoidosis before and after heart transplantation. ESC Heart Failure, 2020, 7, 692-696.	3.1	10
12	Clinical and Genetic Investigations of 109 Index Patients With Dilated Cardiomyopathy and 445 of Their Relatives. Circulation: Heart Failure, 2020, 13, e006701.	3.9	12
13	Epigenetic Regulation of Alternative mRNA Splicing in Dilated Cardiomyopathy. Journal of Clinical Medicine, 2020, 9, 1499.	2.4	11
14	Familial Recurrent Myocarditis Triggered by Exercise in Patients With a Truncating Variant of the Desmoplakin Gene. Journal of the American Heart Association, 2020, 9, e015289.	3.7	39
15	Immune system-mediated atherosclerosis caused by deficiency of long non-coding RNA<i>MALAT1</i> in ApoE <sup>0/0</sup> / <sup>0/0</sup> mice. Cardiovascular Research, 2019, 115, 302-314.	3.8	89
16	Clinical and genetic insights into non-compaction: a meta-analysis and systematic review on 7598 individuals. Clinical Research in Cardiology, 2019, 108, 1297-1308.	3.3	61
17	Long noncoding RNA NEAT1 modulates immune cell functions and is suppressed in early onset myocardial infarction patients. Cardiovascular Research, 2019, 115, 1886-1906.	3.8	86
18	ANK2 functionally interacts with KCNH2 aggravating long QT syndrome in a double mutation carrier. Biochemical and Biophysical Research Communications, 2019, 512, 845-851.	2.1	5

#	ARTICLE	IF	CITATIONS
19	A high-resolution map of the human small non-coding transcriptome. <i>Bioinformatics</i> , 2018, 34, 1621-1628.	4.1	24
20	Non-coding RNAs in cardiovascular diseases: diagnostic and therapeutic perspectives. <i>European Heart Journal</i> , 2018, 39, 2704-2716.	2.2	300
21	Clinical outcomes associated with sarcomere mutations in hypertrophic cardiomyopathy: a meta-analysis on 7675 individuals. <i>Clinical Research in Cardiology</i> , 2018, 107, 30-41.	3.3	99
22	Genomic structural variations lead to dysregulation of important coding and non-coding RNA species in dilated cardiomyopathy. <i>EMBO Molecular Medicine</i> , 2018, 10, 107-120.	6.9	43
23	Silencing the CSF-1 Axis Using Nanoparticle Encapsulated siRNA Mitigates Viral and Autoimmune Myocarditis. <i>Frontiers in Immunology</i> , 2018, 9, 2303.	4.8	26
24	Identification and Functional Characterization of Hypoxia-Induced Endoplasmic Reticulum Stress Regulating lncRNA (HypERlnc) in Pericytes. <i>Circulation Research</i> , 2017, 121, 368-375.	4.5	61
25	Severe DCM phenotype of patient harboring RBM20 mutation S635A can be modeled by patient-specific induced pluripotent stem cell-derived cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 113, 9-21.	1.9	84
26	Clinical genetics and outcome of left ventricular non-compaction cardiomyopathy. <i>European Heart Journal</i> , 2017, 38, 3449-3460.	2.2	168
27	Epigenome-Wide Association Study Identifies Cardiac Gene Patterning and a Novel Class of Biomarkers for Heart Failure. <i>Circulation</i> , 2017, 136, 1528-1544.	1.6	139
28	The cardiac microenvironment uses non-canonical WNT signaling to activate monocytes after myocardial infarction. <i>EMBO Molecular Medicine</i> , 2017, 9, 1279-1293.	6.9	55
29	Catecholamine-Dependent $\beta^2$ -Adrenergic Signaling in a Pluripotent Stem Cell Model of Takotsubo Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2017, 70, 975-991.	2.8	124
30	Web-based NGS data analysis using miRMaster: a large-scale meta-analysis of human miRNAs. <i>Nucleic Acids Research</i> , 2017, 45, 8731-8744.	14.5	63
31	Genotype-phenotype associations in dilated cardiomyopathy: meta-analysis on more than 8000 individuals. <i>Clinical Research in Cardiology</i> , 2017, 106, 127-139.	3.3	156
32	Hide and Seek: Protein-coding Sequences Inside "Non-coding" RNAs. <i>Genomics, Proteomics and Bioinformatics</i> , 2016, 14, 179-180.	6.9	2
33	The Role of Quality Control in Targeted Next-generation Sequencing Library Preparation. <i>Genomics, Proteomics and Bioinformatics</i> , 2016, 14, 200-206.	6.9	9
34	A mutation in the glutamate-rich region of RNA-binding motif protein 20 causes dilated cardiomyopathy through missplicing of titin and impaired Frank-Starling mechanism. <i>Cardiovascular Research</i> , 2016, 112, 452-463.	3.8	97
35	A self-taught artificial agent for multi-physics computational model personalization. <i>Medical Image Analysis</i> , 2016, 34, 52-64.	11.6	20
36	Validating Alzheimer's disease micro RNAs using next-generation sequencing. <i>Alzheimer's and Dementia</i> , 2016, 12, 565-576.	0.8	53

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37	Long noncoding RNA<i>MALAT1</i>-derived mascRNA is involved in cardiovascular innate immunity. Journal of Molecular Cell Biology, 2016, 8, 178-181.	3.3	55
38	Deep characterization of blood cell miRNomes by NGS. Cellular and Molecular Life Sciences, 2016, 73, 3169-3181.	5.4	15
39	Prioritizing and selecting likely novel miRNAs from NGS data. Nucleic Acids Research, 2016, 44, e53-e53.	14.5	52
40	From Single Variants to Protein Cascades. Journal of Biological Chemistry, 2016, 291, 1582-1590.	3.4	2
41	Next-generation sequencing identifies altered whole blood microRNAs in neuromyelitis optica spectrum disorder which may permit discrimination from multiple sclerosis. Journal of Neuroinflammation, 2015, 12, 196.	7.2	27
42	Towards Personalized Cardiology: Multi-Scale Modeling of the Failing Heart. PLoS ONE, 2015, 10, e0134869.	2.5	65
43	miFRame: analysis and visualization of miRNA sequencing data in neurological disorders. Journal of Translational Medicine, 2015, 13, 224.	4.4	10
44	RNA splicing regulated by RBFOX1 is essential for cardiac function in zebrafish. Journal of Cell Science, 2015, 128, 3030-40.	2.0	16
45	Atlas of the clinical genetics of human dilated cardiomyopathy. European Heart Journal, 2015, 36, 1123-1135.	2.2	456
46	A genome-wide association study identifies 6p21 as novel risk locus for dilated cardiomyopathy. European Heart Journal, 2014, 35, 1069-1077.	2.2	137
47	Automatic image-to-model framework for patient-specific electromechanical modeling of the heart. , 2014, , .		3
48	Targeted next-generation sequencing: the clinicianâ€™s stethoscope for genetic disorders. Personalized Medicine, 2014, 11, 581-592.	1.5	4
49	Systematic permutation testing in GWAS pathway analyses: identification of genetic networks in dilated cardiomyopathy and ulcerative colitis. BMC Genomics, 2014, 15, 622.	2.8	23
50	The Symptom Complex of Familial Sinus Node Dysfunction and Myocardial Noncompaction Is Associated With Mutations in the HCN4 Channel. Journal of the American College of Cardiology, 2014, 64, 757-767.	2.8	128
51	Influence of the Confounding Factors Age and Sex on MicroRNA Profiles from Peripheral Blood. Clinical Chemistry, 2014, 60, 1200-1208.	3.2	84
52	Data-driven estimation of cardiac electrical diffusivity from 12-lead ECG signals. Medical Image Analysis, 2014, 18, 1361-1376.	11.6	42
53	Robust Image-Based Estimation of Cardiac Tissue Parameters and Their Uncertainty from Noisy Data. Lecture Notes in Computer Science, 2014, 17, 9-16.	1.3	13
54	A blood based 12-miRNA signature of Alzheimer disease patients. Genome Biology, 2013, 14, R78.	9.6	438

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55	Alterations in cardiac DNA methylation in human dilated cardiomyopathy. EMBO Molecular Medicine, 2013, 5, 413-429.	6.9	210
56	Fast Data-Driven Calibration of a Cardiac Electrophysiology Model from Images and ECG. Lecture Notes in Computer Science, 2013, 16, 1-8.	1.3	8
57	miRTrail - a comprehensive webserver for analyzing gene and miRNA patterns to enhance the understanding of regulatory mechanisms in diseases. BMC Bioinformatics, 2012, 13, 36.	2.6	36
58	Next-generation sequencing entering the clinical arena. Molecular and Cellular Probes, 2011, 25, 206-211.	2.1	30
59	Targeted Next-Generation Sequencing for the Molecular Genetic Diagnostics of Cardiomyopathies. Circulation: Cardiovascular Genetics, 2011, 4, 110-122.	5.1	155
60	Toward the blood-borne miRNome of human diseases. Nature Methods, 2011, 8, 841-843.	19.0	339
61	MicroRNA signatures in total peripheral blood as novel biomarkers for acute myocardial infarction. Basic Research in Cardiology, 2011, 106, 13-23.	5.9	242