Andreas Brodehl

List of Publications by Year
in descending order

47	1,323	393982 19	395343 33
papers	citations	h-index	g-index

48	48	48	1639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	De novo desmin-mutation N116S is associated with arrhythmogenic right ventricular cardiomyopathy. Human Molecular Genetics, 2010, 19, 4595-4607.	1.4	163
2	Mutations inFLNCare Associated with Familial Restrictive Cardiomyopathy. Human Mutation, 2016, 37, 269-279.	1.1	138
3	Molecular insights into cardiomyopathies associated with desmin (DES) mutations. Biophysical Reviews, 2018, 10, 983-1006.	1.5	102
4	Novel Desmin Mutation p.Glu401Asp Impairs Filament Formation, Disrupts Cell Membrane Integrity, and Causes Severe Arrhythmogenic Left Ventricular Cardiomyopathy/Dysplasia. Circulation, 2018, 137, 1595-1610.	1.6	79
5	The novel Î±Bâ€crystallin (CRYAB) mutation p.D109G causes restrictive cardiomyopathy. Human Mutation, 2017, 38, 947-952.	1.1	59
6	Dual Color Photoactivation Localization Microscopy of Cardiomyopathy-associated Desmin Mutants. Journal of Biological Chemistry, 2012, 287, 16047-16057.	1.6	49
7	Transgenic mice overexpressing desmocollin-2 (DSC2) develop cardiomyopathy associated with myocardial inflammation and fibrotic remodeling. PLoS ONE, 2017, 12, e0174019.	1.1	47
8	Restrictive Cardiomyopathy is Caused by a Novel Homozygous Desmin (DES) Mutation p.Y122H Leading to a Severe Filament Assembly Defect. Genes, 2019, 10, 918.	1.0	47
9	The Novel Desmin Mutant p.A120D Impairs Filament Formation, Prevents Intercalated Disk Localization, and Causes Sudden Cardiac Death. Circulation: Cardiovascular Genetics, 2013, 6, 615-623.	5.1	46
10	Human Induced Pluripotent Stem-Cell-Derived Cardiomyocytes as Models for Genetic Cardiomyopathies. International Journal of Molecular Sciences, 2019, 20, 4381.	1.8	43
11	Functional characterization of the novel DES mutation p.L136P associated with dilated cardiomyopathy reveals a dominant filament assembly defect. Journal of Molecular and Cellular Cardiology, 2016, 91, 207-214.	0.9	39
12	Mutations in ILK, encoding integrin-linked kinase, are associated with arrhythmogenic cardiomyopathy. Translational Research, 2019, 208, 15-29.	2.2	33
13	Heat Shock Protein 27 Modification is Increased in the Human Diabetic Failing Heart. Hormone and Metabolic Research, 2009, 41, 594-599.	0.7	31
14	Genetic Animal Models for Arrhythmogenic Cardiomyopathy. Frontiers in Physiology, 2020, 11, 624.	1.3	29
15	The Novel Desmin Variant p.Leu115Ile Is Associated With a Unique Form of Biventricular Arrhythmogenic Cardiomyopathy. Canadian Journal of Cardiology, 2021, 37, 857-866.	0.8	28
16	A homozygous DSC2 deletion associated with arrhythmogenic cardiomyopathy is caused by uniparental isodisomy. Journal of Molecular and Cellular Cardiology, 2020, 141, 17-29.	0.9	27
17	Insights Into Genetics and Pathophysiology of Arrhythmogenic Cardiomyopathy. Current Heart Failure Reports, 2021, 18, 378-390.	1.3	27
18	Noncompaction cardiomyopathy is caused by a novel inâ€frame desmin (DES) deletion mutation within the 1A coiledâ€coil rod segment leading to a severe filament assembly defect. Human Mutation, 2019, 40, 734-741.	1.1	26

#	Article	IF	Citations
19	The Desmin (DES) Mutation p.A337P Is Associated with Left-Ventricular Non-Compaction Cardiomyopathy. Genes, 2021, 12, 121.	1.0	26
20	Cardiomyopathyâ€associated mutations in the RS domain affect nuclear localization of RBM20. Human Mutation, 2020, 41, 1931-1943.	1.1	25
21	Desminopathy: Novel Desmin Variants, a New Cardiac Phenotype, and Further Evidence for Secondary Mitochondrial Dysfunction. Journal of Clinical Medicine, 2020, 9, 937.	1.0	24
22	The Genetic Landscape of Cardiomyopathies. Cardiac and Vascular Biology, 2019, , 45-91.	0.2	20
23	In vitro analysis of arrhythmogenic cardiomyopathy associated desmoglein-2 (DSG2) mutations reveals diverse glycosylation patterns. Journal of Molecular and Cellular Cardiology, 2019, 129, 303-313.	0.9	19
24	Hemi- and Homozygous Loss-of-Function Mutations in DSG2 (Desmoglein-2) Cause Recessive Arrhythmogenic Cardiomyopathy with an Early Onset. International Journal of Molecular Sciences, 2021, 22, 3786.	1.8	19
25	A novel desmin (DES) indel mutation causes severe atypical cardiomyopathy in combination with atrioventricular block and skeletal myopathy. Molecular Genetics & Genomic Medicine, 2018, 6, 288-293.	0.6	18
26	Spatial transcriptomics unveils ZBTB11 as a regulator of cardiomyocyte degeneration in arrhythmogenic cardiomyopathy. Cardiovascular Research, 2023, 119, 477-491.	1.8	17
27	The Combined Human Genotype of Truncating TTN and RBM20 Mutations Is Associated with Severe and Early Onset of Dilated Cardiomyopathy. Genes, 2021, 12, 883.	1.0	15
28	Functional characterization of novel alpha-helical rod domain desmin (DES) pathogenic variants associated with dilated cardiomyopathy, atrioventricular block and a risk for sudden cardiac death. International Journal of Cardiology, 2021, 329, 167-174.	0.8	14
29	Apertureless scanning near-field optical microscopy of sparsely labeled tobacco mosaic viruses and the intermediate filament desmin. Beilstein Journal of Nanotechnology, 2013, 4, 510-516.	1.5	12
30	Incorporation of desmocollinâ€2 into the plasma membrane requires N â€glycosylation at multiple sites. FEBS Open Bio, 2019, 9, 996-1007.	1.0	12
31	The Desmin Mutation DES-c.735G>C Causes Severe Restrictive Cardiomyopathy by Inducing In-Frame Skipping of Exon-3. Biomedicines, 2021, 9, 1400.	1.4	11
32	FLNC (Filamin-C). Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	10
33	Genetic Insights into Primary Restrictive Cardiomyopathy. Journal of Clinical Medicine, 2022, 11, 2094.	1.0	10
34	Distinct Myocardial Transcriptomic Profiles of Cardiomyopathies Stratified by the Mutant Genes. Genes, 2020, 11, 1430.	1.0	9
35	Screening for mutations in human cardiomyopathy- is RBM24 a new but rare disease gene?. Protein and Cell, 2019, 10, 393-394.	4.8	8
36	Functional characterization of desmin mutant p.P419S. European Journal of Human Genetics, 2013, 21, 589-590.	1.4	7

#	Article	IF	Citations
37	The Double Mutation DSG2-p.S363X and TBX20-p.D278X Is Associated with Left Ventricular Non-Compaction Cardiomyopathy: Case Report. International Journal of Molecular Sciences, 2021, 22, 6775.	1.8	7
38	Functional analysis of DES-p.L398P and RBM20-p.R636C. Genetics in Medicine, 2019, 21, 1246-1247.	1.1	6
39	RBM20 mutations in left ventricular nonâ€compaction cardiomyopathy. Pediatric Investigation, 2020, 4, 61-63.	0.6	4
40	Compound Heterozygous FKTN Variants in a Patient with Dilated Cardiomyopathy Led to an Aberrant Î±-Dystroglycan Pattern. International Journal of Molecular Sciences, 2022, 23, 6685.	1.8	3
41	A detailed protocol for expression, purification, and activity determination of recombinant SaCas9. STAR Protocols, 2022, 3, 101276.	0.5	2
42	Colocalization Analysis of Mutant and Wildtype Desmin using Dual Color Super-Resolution Microscopy. Biophysical Journal, 2012, 102, 722a.	0.2	1
43	Implications for the biofunctionalization of drug-eluting devices at the example of a site-selective antibody modification for drug eluting stents. BioNanoMaterials, 2015, 16, .	1.4	1
44	TRANSGENIC MICE OVEREXPRESSING DSC2 DEVELOP BIVENTRICULAR CARDIOMYOPATHY ASSOCIATED WITH FIBROSIS AND NECROSIS. Canadian Journal of Cardiology, 2015, 31, S64.	0.8	1
45	Functional studies can contribute to predict the pathogenicity of a novel mutation for cardiomyopathy. Journal of Molecular and Cellular Cardiology, 2017, 109, 57.	0.9	1
46	Special Issue â€œCardiovascular Geneticsâ€• Genes, 2021, 12, 479.	1.0	1
47	Back Cover, Volume 40, Issue 6. Human Mutation, 2019, 40, ii.	1.1	0