

Katrin Streckfuss-BÃ¶hmeke

List of Publications by Year in descending order

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43
papers

1,811
citations

331670

21
h-index

289244

40
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46
all docs

46
docs citations

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times ranked

3191
citing authors

#	ARTICLE	IF	CITATIONS
1	Quaking Inhibits Doxorubicin-Mediated Cardiotoxicity Through Regulation of Cardiac Circular RNA Expression. <i>Circulation Research</i> , 2018, 122, 246-254.	4.5	174
2	Clinical genetics and outcome of left ventricular non-compaction cardiomyopathy. <i>European Heart Journal</i> , 2017, 38, 3449-3460.	2.2	168
3	Empagliflozin directly improves diastolic function in human heart failure. <i>European Journal of Heart Failure</i> , 2018, 20, 1690-1700.	7.1	165
4	Comparative study of human-induced pluripotent stem cells derived from bone marrow cells, hair keratinocytes, and skin fibroblasts. <i>European Heart Journal</i> , 2013, 34, 2618-2629.	2.2	144
5	Cardiolipin deficiency affects respiratory chain function and organization in an induced pluripotent stem cell model of Barth syndrome. <i>Stem Cell Research</i> , 2013, 11, 806-819.	0.7	140
6	Catecholamine-Dependent β^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
7	Pluripotent stem cells are highly susceptible targets for syngeneic, allogeneic, and xenogeneic natural killer cells. <i>FASEB Journal</i> , 2010, 24, 2164-2177.	0.5	90
8	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
9	Truncated titin proteins and titin haploinsufficiency are targets for functional recovery in human cardiomyopathy due to <i>TTN</i> mutations. <i>Science Translational Medicine</i> , 2021, 13, eabd3079.	12.4	59
10	Ca ²⁺ /calmodulin-dependent protein kinase II equally induces sarcoplasmic reticulum Ca ²⁺ leak in human ischaemic and dilated cardiomyopathy. <i>European Journal of Heart Failure</i> , 2014, 16, 1292-1300.	7.1	57
11	Sensing Cardiac Electrical Activity With a Cardiac Myocyte-Targeted Optogenetic Voltage Indicator. <i>Circulation Research</i> , 2015, 117, 401-412.	4.5	57
12	The <i>Saccharomyces</i> Homolog of Mammalian RACK1, <i>Cpc2/Asc1p</i> , Is Required for FLO11-dependent Adhesive Growth and Dimorphism. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1968-1979.	3.8	53
13	Nox4 regulates InsP ₃ receptor-dependent Ca ²⁺ release into mitochondria to promote cell survival. <i>EMBO Journal</i> , 2020, 39, e103530.	7.8	49
14	Human Induced Pluripotent Stem Cells Are Targets for Allogeneic and Autologous Natural Killer (NK) Cells and Killing Is Partly Mediated by the Activating NK Receptor DNAM-1. <i>PLoS ONE</i> , 2015, 10, e0125544.	2.5	48
15	Generation of functional neurons and glia from multipotent adult mouse germ-line stem cells. <i>Stem Cell Research</i> , 2009, 2, 139-154.	0.7	41
16	miR-212/132 Cluster Modulation Prevents Doxorubicin-Mediated Atrophy and Cardiotoxicity. <i>Molecular Therapy</i> , 2019, 27, 17-28.	8.2	38
17	Differential regulation of sodium channels as a novel proarrhythmic mechanism in the human failing heart. <i>Cardiovascular Research</i> , 2018, 114, 1728-1737.	3.8	36
18	Effects of Atrial Fibrillation on the Human Ventricle. <i>Circulation Research</i> , 2022, 130, 994-1010.	4.5	32

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19	Telomerase therapy attenuates cardiotoxic effects of doxorubicin. <i>Molecular Therapy</i> , 2021, 29, 1395-1410.	8.2	31
20	Inhibition of NaV1.8 prevents atrial arrhythmogenesis in human and mice. <i>Basic Research in Cardiology</i> , 2020, 115, 20.	5.9	28
21	The functional consequences of sodium channel Na ^v 1.8 in human left ventricular hypertrophy. <i>ESC Heart Failure</i> , 2019, 6, 154-163.	3.1	25
22	Non-Human Primate iPSC Generation, Cultivation, and Cardiac Differentiation under Chemically Defined Conditions. <i>Cells</i> , 2020, 9, 1349.	4.1	22
23	Identification of SCN5a p.C335R Variant in a Large Family with Dilated Cardiomyopathy and Conduction Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12990.	4.1	16
24	A roadmap for the characterization of energy metabolism in human cardiomyocytes derived from induced pluripotent stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 164, 136-147.	1.9	16
25	Detrimental proarrhythmic interaction of Ca ²⁺ /calmodulin-dependent protein kinase II and NaV1.8 in heart failure. <i>Nature Communications</i> , 2021, 12, 6586.	12.8	13
26	Cardiomyocyte protein O-GlcNAcylation is regulated by GFAT1 not GFAT2. <i>Biochemical and Biophysical Research Communications</i> , 2021, 583, 121-127.	2.1	11
27	Long-term effects of empagliflozin on excitation-contraction-coupling in human induced pluripotent stem cell cardiomyocytes. <i>Journal of Molecular Medicine</i> , 2020, 98, 1689-1700.	3.9	10
28	Generation of pluripotent stem cell lines and CRISPR/Cas9 modified isogenic controls from a patient with dilated cardiomyopathy harboring a RBM20 p.R634W mutation. <i>Stem Cell Research</i> , 2020, 47, 101901.	0.7	10
29	Doxorubicin induces cardiotoxicity in a pluripotent stem cell model of aggressive B cell lymphoma cancer patients. <i>Basic Research in Cardiology</i> , 2022, 117, 13.	5.9	10
30	Degradation of <i>Saccharomyces cerevisiae</i> Transcription Factor Gcn4 Requires a C-Terminal Nuclear Localization Signal in the Cyclin Pcl5. <i>Eukaryotic Cell</i> , 2009, 8, 496-510.	3.4	9
31	Efficient Generation of Hepatic Cells from Multipotent Adult Mouse Germ-Line Stem Cells Using an OP9 Co-Culture System. <i>Cellular Reprogramming</i> , 2014, 16, 65-76.	0.9	9
32	A Feedback Circuit between Transcriptional Activation and Self-Destruction of Gcn4 Separates Its Metabolic and Morphogenic Response in Diploid Yeasts. <i>Journal of Molecular Biology</i> , 2011, 405, 909-925.	4.2	8
33	Pluripotent Stem Cell-Derived Mesenchymal Stem Cells Show Comparable Functionality to Their Autologous Origin. <i>Cells</i> , 2021, 10, 33.	4.1	8
34	Generation of a KLF15 homozygous knockout human embryonic stem cell line using paired CRISPR/Cas9n, and human cardiomyocytes derivation. <i>Stem Cell Research</i> , 2017, 23, 127-131.	0.7	6
35	Dysferlin links excitation-contraction coupling to structure and maintenance of the cardiac transverse-axial tubule system. <i>Europace</i> , 2020, 22, 1119-1131.	1.7	6
36	A High-Throughput Method as a Diagnostic Tool for HIV Detection in Patient-Specific Induced Pluripotent Stem Cells Generated by Different Reprogramming Methods. <i>Stem Cells International</i> , 2019, 2019, 1-11.	2.5	4

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37	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
38	Radiation-induced sensitivity of tissue-resident mesenchymal stem cells in the head and neck region. Head and Neck, 2019, 41, 2892-2903.	2.0	3
39	Generation of iPSC-lines from two independent Takotsubo syndrome patients with recurrent Takotsubo events. Stem Cell Research, 2020, 44, 101746.	0.7	2
40	Generation of homozygous Nav1.8 knock-out iPSC lines by CRISPR Cas9 genome editing to investigate a potential new antiarrhythmic strategy. Stem Cell Research, 2022, 60, 102677.	0.7	1
41	Clinical nuclear medicine tracers: Easy metabolic assays in stem cell research and cardiac disease?. International Journal of Cardiology, 2018, 269, 272-273.	1.7	0
42	Generation and cardiac differentiation of an induced pluripotent stem cell line from a patient with arrhythmia-induced cardiomyopathy. Stem Cell Research, 2021, 53, 102263.	0.7	0
43	A quantitative RT-PCR protocol to adapt and quantify RBM20-dependent exon splicing of targets at the human locus. STAR Protocols, 2022, 3, 101117.	1.2	0