Sebastian Diecke

List of Publications by Year
in descending order

#	ARTICLE	IF	CITATIONS
1	Disruptors of AKAP-Dependent Proteinâ€“Protein Interactions. Methods in Molecular Biology, 2022, 2483, 117-139.	0.4	3
2	NaÃ¯ve-like pluripotency to pave the way for saving the northern white rhinoceros from extinction. Scientific Reports, 2022, 12, 3100.	1.6	6
3	Serine biosynthesis as a novel therapeutic target for dilated cardiomyopathy. European Heart Journal, 2022, 43, 3477-3489.	1.0	23
4	The ART of bringing extinction to a freeze â€“ History and future of species conservation, exemplified by rhinos. Theriogenology, 2021, 169, 76-88.	0.9	30
5	Deciphering the pathogenic role of a variant with uncertain significance for short QT and Brugada syndromes using geneâ€edited humanâ€induced pluripotent stem cellâ€derived cardiomyocytes and preclinical drug screening. Clinical and Translational Medicine, 2021, 11, e646.	1.7	11
6	Simple Workflow and Comparison of Media for hPSCâ€Cardiomyocyte Cryopreservation and Recovery. Current Protocols in Stem Cell Biology, 2020, 55, e125.	3.0	7
7	Assessment of Ethanol-Induced Toxicity on iPSC-Derived Human Neurons Using a Novel High-Throughput Mitochondrial Neuronal Health (MNH) Assay. Frontiers in Cell and Developmental Biology, 2020, 8, 590540.	1.8	6
8	Endogenous Retrovirus-Derived lncRNA BANCR Promotes Cardiomyocyte Migration in Humans and Non-human Primates. Developmental Cell, 2020, 54, 694-709.e9.	3.1	37
9	Activation of PDGF pathway links LMNA mutation to dilated cardiomyopathy. Nature, 2019, 572, 335-340.	13.7	136
10	The Translational Landscape of the Human Heart. Cell, 2019, 178, 242-260.e29.	13.5	407
11	A cellular model of Brugada syndrome with SCN10A variants using human-induced pluripotent stem cell-derived cardiomyocytes. Europace, 2019, 21, 1410-1421.	0.7	33
12	Studying Brugada Syndrome With an SCN1B Variants in Human-Induced Pluripotent Stem Cell-Derived Cardiomyocytes. Frontiers in Cell and Developmental Biology, 2019, 7, 261.	1.8	29
13	Electroconductive Biohybrid Hydrogel for Enhanced Maturation and Beating Properties of Engineered Cardiac Tissues. Advanced Functional Materials, 2018, 28, 1803951.	7.8	135
14	Embryos and embryonic stem cells from the white rhinoceros. Nature Communications, 2018, 9, 2589.	5.8	73
15	A Comprehensive TALEN-Based Knockout Library for Generating Human-Induced Pluripotent Stem Cellâ€“Based Models for Cardiovascular Diseases. Circulation Research, 2017, 120, 1561-1571.	2.0	56
16	Transcriptomic and epigenomic differences in human induced pluripotent stem cells generated from six reprogramming methods. Nature Biomedical Engineering, 2017, 1, 826-837.	11.6	38
17	Alloimmune Responses of Humanized Mice to Human Pluripotent Stem Cell Therapeutics. Cell Reports, 2017, 20, 1978-1990.	2.9	31
18	Rewinding the process of mammalian extinction. Zoo Biology, 2016, 35, 280-292.	0.5	99

#	Article	IF	Citations
19	Reprogramming and transdifferentiation for cardiovascular development and regenerative medicine: where do we stand?. EMBO Molecular Medicine, 2015, 7, 1090-1103.	3.3	38
20	Modeling Cardiovascular Diseases with Patient-Specific Human Pluripotent Stem Cell-Derived Cardiomyocytes. Methods in Molecular Biology, 2015, 1353, 119-130.	0.4	35
21	Improved Approach for Chondrogenic Differentiation of Human Induced Pluripotent Stem Cells. Stem Cell Reviews and Reports, 2015, 11, 242-253.	5.6	99
22	Novel codon-optimized mini-intronic plasmid for efficient, inexpensive and xeno-free induction of pluripotency. Scientific Reports, 2015, 5, 8081.	1.6	51
23	Microfluidic Single-Cell Analysis of Transplanted Human Induced Pluripotent Stem Cellâ€“Derived Cardiomyocytes After Acute Myocardial Infarction. Circulation, 2015, 132, 762-771.	1.6	77
24	Pravastatin reverses obesity-induced dysfunction of induced pluripotent stem cell-derived endothelial cells via a nitric oxide-dependent mechanism. European Heart Journal, 2015, 36, 806-816.	1.0	40
25	Recent technological updates and clinical applications of induced pluripotent stem cells. Korean Journal of Internal Medicine, 2014, 29, 547.	0.7	32
26	Characterization of the molecular mechanisms underlying increased ischemic damage in the <i>aldehyde dehydrogenase 2</i> genetic polymorphism using a human induced pluripotent stem cell model system. Science Translational Medicine, 2014, 6, 255ra130.	5.8	84
27	Transplanted terminally differentiated induced pluripotent stem cells are accepted by immune mechanisms similar to self-tolerance. Nature Communications, 2014, 5, 3903.	5.8	148
28	Human Induced Pluripotent Stem Cellâ€“Derived Cardiomyocytes as an In Vitro Model for Coxsackievirus B3â€“Induced Myocarditis and Antiviral Drug Screening Platform. Circulation Research, 2014, 115, 556-566.	2.0	134
29	Chemically defined generation of human cardiomyocytes. Nature Methods, 2014, 11, 855-860.	9.0	1,320
30	Second Generation Codon Optimized Minicircle (CoMiC) for Nonviral Reprogramming of Human Adult Fibroblasts. Methods in Molecular Biology, 2014, 1181, 1-13.	0.4	7
31	Costimulation-adhesion blockade is superior to Cyclosporine A and prednisone immunosuppressive therapy for preventing rejection of differentiated human embryonic stem cells following transplantation. Stem Cells, 2013, 31, 2354-2363.	1.4	31
32	Drug Screening Using a Library of Human Induced Pluripotent Stem Cellâ€“Derived Cardiomyocytes Reveals Disease-Specific Patterns of Cardiotoxicity. Circulation, 2013, 127, 1677-1691.	1.6	472
33	The Role of SIRT6 Protein in Aging and Reprogramming of Human Induced Pluripotent Stem Cells. Journal of Biological Chemistry, 2013, 288, 18439-18447.	1.6	113
34	Pushing the Reset Button: Chemical-Induced Conversion of Amniotic Fluid Stem Cells Into a Pluripotent State. Molecular Therapy, 2012, 20, 1839-1841.	3.7	5
35	Eâ€‘cadherin is crucial for embryonic stem cell pluripotency and can replace OCT4 during somatic cell reprogramming. EMBO Reports, 2011, 12, 720-726.	2.0	260
36	FGF2 Signaling in Mouse Embryonic Fibroblasts Is Crucial for Self-Renewal of Embryonic Stem Cells. Cells Tissues Organs, 2008, 188, 52-61.	1.3	27