

# Harald Stachelscheid

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

980  
citations

516710

16  
h-index

454955

30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1812  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality control guidelines for clinical-grade human induced pluripotent stem cell lines. <i>Regenerative Medicine</i> , 2018, 13, 859-866.	1.7	147
2	Somatic mutations and progressive monosomy modify SAMD9-related phenotypes in humans. <i>Journal of Clinical Investigation</i> , 2017, 127, 1700-1713.	8.2	129
3	Human endogenous retrovirus HERV-K(HML-2) RNA causes neurodegeneration through Toll-like receptors. <i>JCI Insight</i> , 2020, 5, .	5.0	68
4	PI3K/AKT Signaling Pathway Is Essential for Survival of Induced Pluripotent Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0154770.	2.5	62
5	A Standard Nomenclature for Referencing and Authentication of Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2018, 10, 1-6.	4.8	53
6	hPSCregâ€”the human pluripotent stem cell registry. <i>Nucleic Acids Research</i> , 2016, 44, D757-D763.	14.5	46
7	Isolation and Characterization of Adult Human Liver Progenitors from Ischemic Liver Tissue Derived from Therapeutic Hepatectomies. <i>Tissue Engineering - Part A</i> , 2009, 15, 1633-1643.	3.1	35
8	Comparative characterization of decellularized renal scaffolds for tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 045005.	3.3	35
9	Dynamic 3D Culture Promotes Spontaneous Embryonic Stem Cell Differentiation<i>In Vitro</i>. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 115-121.	2.1	31
10	Teratoma formation of human embryonic stem cells in three-dimensional perfusion culture bioreactors. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 729-741.	2.7	31
11	Modeling chemotherapy induced neurotoxicity with human induced pluripotent stem cell (iPSC)-derived sensory neurons. <i>Neurobiology of Disease</i> , 2021, 155, 105391.	4.4	31
12	CellFinder: a cell data repository. <i>Nucleic Acids Research</i> , 2014, 42, D950-D958.	14.5	26
13	Human Endomyocardial Biopsy Specimen-Derived Stromal Cells Modulate Angiotensin II-Induced Cardiac Remodeling. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1707-1718.	3.3	26
14	Efficient generation of osteoclasts from human induced pluripotent stem cells and functional investigations of lethal CLCN7-related osteopetrosis. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1621-1635.	2.8	25
15	Interwoven Four-Compartment Capillary Membrane Technology for Three-Dimensional Perfusion with Decentralized Mass Exchange to Scale Up Embryonic Stem Cell Culture. <i>Cells Tissues Organs</i> , 2010, 192, 39-49.	2.3	21
16	Generation of integration free induced pluripotent stem cells from fibrodysplasia ossificans progressiva (FOP) patients from urine samples. <i>Stem Cell Research</i> , 2016, 16, 54-58.	0.7	20
17	Methods for Automated Single Cell Isolation and Subâ€”Cloning of Human Pluripotent Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2020, 55, e123.	3.0	20
18	Doublets pretending to be CD34+ T cells despite doublet exclusion. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 173-176.	1.5	16

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19	CELDA – an ontology for the comprehensive representation of cells in complex systems. BMC Bioinformatics, 2013, 14, 228.	2.6	15
20	Parallel generation of easily selectable multiple nephronal cell types from human pluripotent stem cells. Cellular and Molecular Life Sciences, 2019, 76, 179-192.	5.4	15
21	Molecular Characterization of Cultured Adult Human Liver Progenitor Cells. Tissue Engineering - Part C: Methods, 2010, 16, 821-834.	2.1	13
22	Preliminary evaluation of the CellFinder literature curation pipeline for gene expression in kidney cells and anatomical parts. Database: the Journal of Biological Databases and Curation, 2013, 2013, bat020.	3.0	13
23	Regenerative Medicine/Cardiac Cell Therapy: Pluripotent Stem Cells. Thoracic and Cardiovascular Surgeon, 2018, 66, 053-062.	1.0	13
24	COVID19-associated cardiomyocyte dysfunction, arrhythmias and the effect of Canakinumab. PLoS ONE, 2021, 16, e0255976.	2.5	11
25	MGFM: a novel tool for detection of tissue and cell specific marker genes from microarray gene expression data. BMC Genomics, 2015, 16, 645.	2.8	10
26	Generation of a human induced pluripotent stem cell line (BIHi002-A) from a patient with CLCN7-related infantile malignant autosomal recessive osteopetrosis. Stem Cell Research, 2019, 35, 101367.	0.7	10
27	ActivinA Induced SMAD1/5 Signaling in an iPSC Derived EC Model of Fibrodysplasia Ossificans Progressiva (FOP) Can Be Rescued by the Drug Candidate Saracatinib. Stem Cell Reviews and Reports, 2021, 17, 1039-1052.	3.8	10
28	The Characterization Tool: A knowledge-based stem cell, differentiated cell, and tissue database with a web-based analysis front-end. Stem Cell Research, 2009, 3, 88-95.	0.7	9
29	Generation of a human induced pluripotent stem cell line from urinary cells of a healthy donor using an integration free vector. Stem Cell Research, 2016, 16, 314-317.	0.7	9
30	Regulatory Insight into the European Human Pluripotent Stem Cell Registry. Stem Cells and Development, 2014, 23, 51-55.	2.1	8
31	Semantic Body Browser: graphical exploration of an organism and spatially resolved expression data visualization. Bioinformatics, 2015, 31, 794-796.	4.1	4
32	Generation of a human induced pluripotent stem cell line from urinary cells of a healthy donor using integration free Sendai virus technology. Stem Cell Research, 2017, 21, 167-170.	0.7	4
33	Generation of human induced pluripotent stem cell lines from 2 patients with MIRAGE syndrome. Stem Cell Research, 2021, 54, 102417.	0.7	4
34	Generation of 20 human induced pluripotent stem cell lines from patients with focal segmental glomerulosclerosis (FSGS). Stem Cell Research, 2021, 54, 102406.	0.7	2
35	Dataset for: Modeling chemotherapy induced neurotoxicity with human induced pluripotent stem cell (iPSC)-derived sensory neurons. Data in Brief, 2021, 38, 107320.	1.0	2
36	Selective cell targeting and lineage tracing of human induced pluripotent stem cells using recombinant avian retroviruses. Cellular and Molecular Life Sciences, 2015, 72, 4671-4680.	5.4	1