

# Mania Ackermann

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,249  
citations

471061

17  
h-index

395343

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous human iPSC-macrophage mass production by suspension culture in stirred tank bioreactors. <i>Nature Protocols</i> , 2022, 17, 513-539.	5.5	28
2	Polarization of human iPSC-derived macrophages directs their immunological response to secondary pro-inflammatory stimuli. <i>Journal of Immunology and Regenerative Medicine</i> , 2022, , 100061.	0.2	0
3	Targeted biallelic integration of an inducible Caspase 9 suicide gene in iPSCs for safer therapies. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 26, 84-94.	1.8	6
4	A 3D iPSC-differentiation model identifies interleukin-3 as a regulator of early human hematopoietic specification. <i>Haematologica</i> , 2021, 106, 1354-1367.	1.7	16
5	Restored Macrophage Function Ameliorates Disease Pathophysiology in a Mouse Model for IL10 Receptor-deficient Very Early Onset Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1588-1595.	0.6	10
6	Beyond "Big Eaters": The Versatile Role of Alveolar Macrophages in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3308.	1.8	21
7	Rescue from <i>Pseudomonas aeruginosa</i> Airway Infection via Stem Cell Transplantation. <i>Molecular Therapy</i> , 2021, 29, 1324-1334.	3.7	6
8	Human iPSC-derived macrophages for efficient <i>Staphylococcus aureus</i> clearance in a murine pulmonary infection model. <i>Blood Advances</i> , 2021, 5, 5190-5201.	2.5	8
9	The Immune-Modulatory Properties of iPSC-Derived Antigen-Presenting Cells. <i>Transfusion Medicine and Hemotherapy</i> , 2020, 47, 444-453.	0.7	11
10	Human Lentiviral Gene Therapy Restores the Cellular Phenotype of Autosomal Recessive Complete IFN- $\beta$ 1 Deficiency. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 785-795.	1.8	10
11	Targeted Integration of Inducible Caspase-9 in Human iPSCs Allows Efficient in vitro Clearance of iPSCs and iPSC-Macrophages. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2481.	1.8	12
12	Enhanced Ex Vivo Generation of Erythroid Cells from Human Induced Pluripotent Stem Cells in a Simplified Cell Culture System with Low Cytokine Support. <i>Stem Cells and Development</i> , 2019, 28, 1540-1551.	1.1	45
13	Concise Review: Towards the Clinical Translation of Induced Pluripotent Stem Cell-Derived Blood Cells "Ready for Take-Off". <i>Stem Cells Translational Medicine</i> , 2019, 8, 332-339.	1.6	31
14	Pulmonary Transplantation of Human Induced Pluripotent Stem Cell-derived Macrophages Ameliorates Pulmonary Alveolar Proteinosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 350-360.	2.5	57
15	Impaired IFN- $\beta$ -Signaling and Mycobacterial Clearance in IFN- $\beta$ 1-Deficient Human iPSC-Derived Macrophages. <i>Stem Cell Reports</i> , 2018, 10, 7-16.	2.3	25
16	An immune cell spray (ICS) formulation allows for the delivery of functional monocyte/macrophages. <i>Scientific Reports</i> , 2018, 8, 16281.	1.6	7
17	Bioreactor-based mass production of human iPSC-derived macrophages enables immunotherapies against bacterial airway infections. <i>Nature Communications</i> , 2018, 9, 5088.	5.8	105
18	iPSC-Derived Macrophages Effectively Treat Pulmonary Alveolar Proteinosis in <i>Csf2rb</i> -Deficient Mice. <i>Stem Cell Reports</i> , 2018, 11, 696-710.	2.3	40

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19	The CpG-sites of the CBX3 ubiquitous chromatin opening element are critical structural determinants for the anti-silencing function. <i>Scientific Reports</i> , 2017, 7, 7919.	1.6	8
20	Ex vivo Generation of Genetically Modified Macrophages from Human Induced Pluripotent Stem Cells. <i>Transfusion Medicine and Hemotherapy</i> , 2017, 44, 135-142.	0.7	15
21	TALEN-mediated functional correction of human iPSC-derived macrophages in context of hereditary pulmonary alveolar proteinosis. <i>Scientific Reports</i> , 2017, 7, 15195.	1.6	22
22	Gene correction of HAX1 reversed Kostmann disease phenotype in patient-specific induced pluripotent stem cells. <i>Blood Advances</i> , 2017, 1, 903-914.	2.5	18
23	Biphasic modulation of Wnt signaling supports efficient foregut endoderm formation from human pluripotent stem cells. <i>Cell Biology International</i> , 2016, 40, 534-548.	1.4	12
24	Murine iPSC-Derived Macrophages as a Tool for Disease Modeling of Hereditary Pulmonary Alveolar Proteinosis due to Csf2rb Deficiency. <i>Stem Cell Reports</i> , 2016, 7, 292-305.	2.3	23
25	Lost in translation: pluripotent stem cell-derived hematopoiesis. <i>EMBO Molecular Medicine</i> , 2015, 7, 1388-1402.	3.3	76
26	Large-Scale Hematopoietic Differentiation of Human Induced Pluripotent Stem Cells Provides Granulocytes or Macrophages for Cell Replacement Therapies. <i>Stem Cell Reports</i> , 2015, 4, 282-296.	2.3	173
27	A minimal ubiquitous chromatin opening element (UCOE) effectively prevents silencing of juxtaposed heterologous promoters by epigenetic remodeling in multipotent and pluripotent stem cells. <i>Nucleic Acids Research</i> , 2015, 43, 1577-1592.	6.5	70
28	TALEN-mediated functional correction of X-linked chronic granulomatous disease in patient-derived induced pluripotent stem cells. <i>Biomaterials</i> , 2015, 69, 191-200.	5.7	76
29	Gene Correction of Human Induced Pluripotent Stem Cells Repairs the Cellular Phenotype in Pulmonary Alveolar Proteinosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 167-182.	2.5	85
30	Pulmonary transplantation of macrophage progenitors as effective and long-lasting therapy for hereditary pulmonary alveolar proteinosis. <i>Science Translational Medicine</i> , 2014, 6, 250ra113.	5.8	106
31	Promoter and lineage independent anti-silencing activity of the A2 ubiquitous chromatin opening element for optimized human pluripotent stem cell-based gene therapy. <i>Biomaterials</i> , 2014, 35, 1531-1542.	5.7	42
32	Lentiviral MGMTP140K-mediated in vivo selection employing a ubiquitous chromatin opening element (A2UCOE) linked to a cellular promoter. <i>Biomaterials</i> , 2014, 35, 7204-7213.	5.7	12
33	IL-3 Specifies Early Hematopoietic Development from Human iPSCs and Synergizes with M-CSF and G-CSF on Myeloid Differentiation. <i>Blood</i> , 2014, 124, 4308-4308.	0.6	0
34	A ubiquitous chromatin opening element prevents transgene silencing in pluripotent stem cells and their differentiated progeny. <i>Stem Cells</i> , 2013, 31, 488-499.	1.4	70
35	The Ubiquitous Chromatin Opening Element (UCOE) Enhances Lentiviral Cytidine Deaminase (CDD) Expression and Drug Resistance During Hematopoietic Differentiation of Murine Induced Pluripotent Stem Cells (iPSCs). <i>Blood</i> , 2011, 118, 4179-4179.	0.6	3