# Mania Ackermann

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Large-Scale Hematopoietic Differentiation of Human Induced Pluripotent Stem Cells Provides Granulocytes or Macrophages for Cell Replacement Therapies. Stem Cell Reports, 2015, 4, 282-296. | 2.3 | 173 |
| 2 | Pulmonary transplantation of macrophage progenitors as effective and long-lasting therapy for hereditary pulmonary alveolar proteinosis. Science Translational Medicine, 2014, 6, 250ra113. | 5.8 | 106 |
| 3 | Bioreactor-based mass production of human iPSC-derived macrophages enables immunotherapies against bacterial airway infections. Nature Communications, 2018, 9, 5088. | 5.8 | 105 |
| 4 | Gene Correction of Human Induced Pluripotent Stem Cells Repairs the Cellular Phenotype in Pulmonary Alveolar Proteinosis. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 167-182. | 2.5 | 85 |
| 5 | Lost in translation: pluripotent stem cellâ€derived hematopoiesis. EMBO Molecular Medicine, 2015, 7, 1388-1402. | 3.3 | 76 |
| 6 | TALEN-mediated functional correction of X-linked chronic granulomatous disease in patient-derived induced pluripotent stem cells. Biomaterials, 2015, 69, 191-200. | 5.7 | 76 |
| 7 | A ubiquitous chromatin opening element prevents transgene silencing in pluripotent stem cells and their differentiated progeny. Stem Cells, 2013, 31, 488-499. | 1.4 | 70 |
| 8 | A minimal ubiquitous chromatin opening element (UCOE) effectively prevents silencing of juxtaposed heterologous promoters by epigenetic remodeling in multipotent and pluripotent stem cells. Nucleic Acids Research, 2015, 43, 1577-1592. | 6.5 | 70 |
| 9 | Pulmonary Transplantation of Human Induced Pluripotent Stem Cellâ€“derived Macrophages Ameliorates Pulmonary Alveolar Proteinosis. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 350-360. | 2.5 | 57 |
| 10 | Enhanced Ex Vivo Generation of Erythroid Cells from Human Induced Pluripotent Stem Cells in a Simplified Cell Culture System with Low Cytokine Support. Stem Cells and Development, 2019, 28, 1540-1551. | 1.1 | 45 |
| 11 | Promoter and lineage independent anti-silencing activity of the A2 ubiquitous chromatin opening element for optimized human pluripotent stem cell-based gene therapy. Biomaterials, 2014, 35, 1531-1542. | 5.7 | 42 |
| 12 | iPSC-Derived Macrophages Effectively Treat Pulmonary Alveolar Proteinosis in Csf2rb-Deficient Mice. Stem Cell Reports, 2018, 11, 696-710. | 2.3 | 40 |
| 13 | Concise Review: Towards the Clinical Translation of Induced Pluripotent Stem Cell-Derived Blood Cellsâ€”Ready for Take-Off. Stem Cells Translational Medicine, 2019, 8, 332-339. | 1.6 | 31 |
| 14 | Continuous human iPSC-macrophage mass production by suspension culture in stirred tank bioreactors. Nature Protocols, 2022, 17, 513-539. | 5.5 | 28 |
| 15 | Impaired IFNÎ³-Signaling and Mycobacterial Clearance in IFNÎ³R1-Deficient Human iPSC-Derived Macrophages. Stem Cell Reports, 2018, 10, 7-16. | 2.3 | 25 |
| 16 | Murine iPSC-Derived Macrophages as a Tool for Disease Modeling of Hereditary Pulmonary Alveolar Proteinosis due to Csf2rb Deficiency. Stem Cell Reports, 2016, 7, 292-305. | 2.3 | 23 |
| 17 | TALEN-mediated functional correction of human iPSC-derived macrophages in context of hereditary pulmonary alveolar proteinosis. Scientific Reports, 2017, 7, 15195. | 1.6 | 22 |
| 18 | Beyond â€œBig Eatersâ€: The Versatile Role of Alveolar Macrophages in Health and Disease. International Journal of Molecular Sciences, 2021, 22, 3308. | 1.8 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Gene correction of HAX1 reversed Kostmann disease phenotype in patient-specific induced pluripotent stem cells. Blood Advances, 2017, 1, 903-914. | 2.5 | 18 |
| 20 | A 3D iPSC-differentiation model identifies interleukin-3 as a regulator of early human hematopoietic specification. Haematologica, 2021, 106, 1354-1367. | 1.7 | 16 |
| 21 | Ex vivo Generation of Genetically Modified Macrophages from Human Induced Pluripotent Stem Cells. Transfusion Medicine and Hemotherapy, 2017, 44, 135-142. | 0.7 | 15 |
| 22 | Lentiviral MGMTP140K-mediated inÂvivo selection employing a ubiquitous chromatin opening element (A2UCOE) linked to a cellular promoter. Biomaterials, 2014, 35, 7204-7213. | 5.7 | 12 |
| 23 | Biphasic modulation of Wnt signaling supports efficient foregut endoderm formation from human pluripotent stem cells. Cell Biology International, 2016, 40, 534-548. | 1.4 | 12 |
| 24 | Targeted Integration of Inducible Caspase-9 in Human iPSCs Allows Efficient in vitro Clearance of iPSCs and iPSC-Macrophages. International Journal of Molecular Sciences, 2020, 21, 2481. | 1.8 | 12 |
| 25 | The Immune-Modulatory Properties of iPSC-Derived Antigen-Presenting Cells. Transfusion Medicine and Hemotherapy, 2020, 47, 444-453. | 0.7 | 11 |
| 26 | Human Lentiviral Gene Therapy Restores the Cellular Phenotype of Autosomal Recessive Complete IFN-Î³R1 Deficiency. Molecular Therapy - Methods and Clinical Development, 2020, 17, 785-795. | 1.8 | 10 |
| 27 | Restored Macrophage Function Ameliorates Disease Pathophysiology in a Mouse Model for IL10 Receptor-deficient Very Early Onset Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2021, 15, 1588-1595. | 0.6 | 10 |
| 28 | The CpG-sites of the CBX3 ubiquitous chromatin opening element are critical structural determinants for the anti-silencing function. Scientific Reports, 2017, 7, 7919. | 1.6 | 8 |
| 29 | Human iPSC-derived macrophages for efficient Staphylococcus aureus clearance in a murine pulmonary infection model. Blood Advances, 2021, 5, 5190-5201. | 2.5 | 8 |
| 30 | An immune cell spray (ICS) formulation allows for the delivery of functional monocyte/macrophages. Scientific Reports, 2018, 8, 16281. | 1.6 | 7 |
| 31 | Rescue from Pseudomonas aeruginosa Airway Infection via Stem Cell Transplantation. Molecular Therapy, 2021, 29, 1324-1334. | 3.7 | 6 |
| 32 | Targeted biallelic integration of an inducible Caspase 9 suicide gene in iPSCs for safer therapies. Molecular Therapy - Methods and Clinical Development, 2022, 26, 84-94. | 1.8 | 6 |
| 33 | 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),. Blood, 2011, 118, 4179-4179. | 0.6 | 3 |
| 34 | IL-3 Specifies Early Hematopoietic Development from Human iPSCs and Synergizes with M-CSF and G-CSF on Myeloid Differentiation. Blood, 2014, 124, 4308-4308. | 0.6 | 0 |
| 35 | Polarization of human iPSC-derived macrophages directs their immunological response to secondary pro-inflammatory stimuli. Journal of Immunology and Regenerative Medicine, 2022, , 100061. | 0.2 | 0 |