Brian R Davis

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11100593/publications.pdf

Version: 2024-02-01

28	1,409	471509	580821
papers	citations	17 h-index	25 g-index

28	28	28	2013
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differentiation of Human Pluripotent Stem Cells into Functional Lung Alveolar Epithelial Cells. Cell Stem Cell, 2017, 21, 472-488.e10.	11.1	406
2	Prospective isolation of NKX2-1â€“expressing human lung progenitors derived from pluripotent stem cells. Journal of Clinical Investigation, 2017, 127, 2277-2294.	8.2	180
3	Targeted Correction and Restored Function of the CFTR Gene in Cystic Fibrosis Induced Pluripotent Stem Cells. Stem Cell Reports, 2015, 4, 569-577.	4.8	168
4	Derivation of Airway Basal Stem Cells from Human Pluripotent Stem Cells. Cell Stem Cell, 2021, 28, 79-95.e8.	11.1	119
5	Highly Efficient Gene Editing of Cystic Fibrosis Patient-Derived Airway Basal Cells Results in Functional CFTR Correction. Molecular Therapy, 2020, 28, 1684-1695.	8.2	48
6	Revertant somatic mosaicism in the Wiskottâ€“Aldrich syndrome. Immunologic Research, 2009, 44, 127-131.	2.9	47
7	5 Effect of human immunodeficiency virus infection on haematopoiesis. Best Practice and Research: Clinical Haematology, 1995, 8, 113-130.	1.1	46
8	Long-Term Expandable SOX9+ Chondrogenic Ectomesenchymal Cells from Human Pluripotent Stem Cells. Stem Cell Reports, 2015, 4, 712-726.	4.8	44
9	Glass needleâ€“mediated microinjection of macromolecules and transgenes into primary human blood stem/progenitor cells. Blood, 2000, 95, 437-444.	1.4	43
10	Gene Correction of iPSCs from a Wiskott-Aldrich Syndrome Patient Normalizes the Lymphoid Developmental and Functional Defects. Stem Cell Reports, 2016, 7, 139-148.	4.8	43
11	Glass needle-mediated microinjection of macromolecules and transgenes into primary human mesenchymal stem cells. Journal of Biomedical Science, 2003, 10, 328-336.	7.0	40
12	Somatic mosaicism in the Wiskottâ€“Aldrich syndrome: Molecular and functional characterization of genotypic revertants. Clinical Immunology, 2010, 135, 72-83.	3.2	35
13	Effect of different human immunodeficiency virus typeâ€1 (HIVâ€1) isolates on longâ€term bone marrow haemopoiesis. British Journal of Haematology, 1993, 85, 596-602.	2.5	34
14	New Frontier in Regenerative Medicine: Site-Specific Gene Correction in Patient-Specific Induced Pluripotent Stem Cells. Human Gene Therapy, 2013, 24, 571-583.	2.7	32
15	Generation of a High Number of Healthy Erythroid Cells from Gene-Edited Pyruvate Kinase Deficiency Patient-Specific Induced Pluripotent Stem Cells. Stem Cell Reports, 2015, 5, 1053-1066.	4.8	32
16	Unprecedented diversity of genotypic revertants in lymphocytes of a patient with Wiskott-Aldrich syndrome. Blood, 2008, 111, 5064-5067.	1.4	30
17	Correction of Airway Stem Cells: Genome Editing Approaches for the Treatment of Cystic Fibrosis. Human Gene Therapy, 2020, 31, 956-972.	2.7	19
18	Mosaicismâ€”Switch or Spectrum?. Science, 2010, 330, 46-47.	12.6	13

#	Article	IF	Citations
19	Homology Requirements for Efficient, Footprintless Gene Editing at the CFTR Locus in Human iPSCs with Helper-dependent Adenoviral Vectors. Molecular Therapy - Nucleic Acids, 2016, 5, e372.	5.1	12
20	Differentiation of human pluripotent stem cells into functional airway basal stem cells. STAR Protocols, 2021, 2, 100683.	1.2	7
21	HIV/AIDS: modified stem cells in the spotlight. Cellular and Molecular Life Sciences, 2014, 71, 2641-2649.	5.4	4
22	Cell tropism and HIV infection. Journal of Clinical Apheresis, 1993, 8, 13-18.	1.3	2
23	GDF5+ chondroprogenitors derived from human pluripotent stem cells preferentially form permanent chondrocytes. Development (Cambridge), 2022, 149, .	2.5	2
24	Fixing stem cells via genome editing: hope for cystic fibrosis?. Regenerative Medicine, 2016, 11, 1-3.	1.7	1
25	Stem Cell Gene Therapy. , 2004, , 793-804.		1
26	Targeted Gene Insertion for Functional CFTR Restoration in Airway Epithelium. Frontiers in Genome Editing, 2022, 4, 847645.	5.2	1
27	Panel discussion: Session 1. Journal of Clinical Apheresis, 1993, 8, 103-109.	1.3	0
28	Stem Cell Gene Therapy. , 2013, , 937-949.		0