Stefan Radtke

List of Publications by Year
in descending order

32 papers	1,756 citations	516561 16 h-index	414303 32 g-index
35 all docs	35 docs citations	35 times ranked	2789 citing authors

#	Article	IF	Citations
1	Intracellular RNase activity dampens zinc finger nuclease-mediated gene editing in hematopoietic stem and progenitor cells. Molecular Therapy - Methods and Clinical Development, 2022, 24, 30-39.	1.8	4
2	Safe and efficient inÂvivo hematopoietic stem cell transduction in nonhuman primates using HDAd5/35++ vectors. Molecular Therapy - Methods and Clinical Development, 2022, 24, 127-141.	1.8	19
3	Bringing gene therapy to where itâ€™s needed. Trends in Molecular Medicine, 2022, , .	3.5	2
4	Efficient polymer nanoparticle-mediated delivery of gene editing reagents into human hematopoietic stem and progenitor cells. Molecular Therapy, 2022, 30, 2186-2198.	3.7	16
5	<i>In Vivo</i> Gene Therapy for Canine SCID-X1 Using Cocal-Pseudotyped Lentiviral Vector. Human Gene Therapy, 2021, 32, 113-127.	1.4	8
6	AMD3100 redosing fails to repeatedly mobilize hematopoietic stem cells in the nonhuman primate and humanized mouse. Experimental Hematology, 2021, 93, 52-60.e1.	0.2	4
7	Multiplex CRISPR/Cas9 genome editing in hematopoietic stem cells for fetal hemoglobin reinduction generates chromosomal translocations. Molecular Therapy - Methods and Clinical Development, 2021, 23, 507-523.	1.8	21
8	Allogeneic transplantation of peripheral blood stem cell grafts results in a massive decrease of primitive hematopoietic progenitor frequencies in reconstituted bone marrows. Bone Marrow Transplantation, 2020, 55, 100-109.	1.3	1
9	Mouse models in hematopoietic stem cell gene therapy and genome editing. Biochemical Pharmacology, 2020, 174, 113692.	2.0	7
10	Purification of Human CD34+CD90+ HSCs Reduces Target Cell Population and Improves Lentiviral Transduction for Gene Therapy. Molecular Therapy - Methods and Clinical Development, 2020, 18, 679-691.	1.8	28
11	The evolution of viral integration site analysis. Blood, 2020, 135, 1192-1193.	0.6	0
12	Isolation of a Highly Purified HSC-enriched CD34+CD90+CD45RAâˆ' Cell Subset for Allogeneic Transplantation in the Nonhuman Primate Large-animal Model. Transplantation Direct, 2020, 6, e579.	0.8	3
13	Therapeutically relevant engraftment of a CRISPR-Cas9â€"edited HSC-enriched population with HbF reactivation in nonhuman primates. Science Translational Medicine, 2019, 11, .	5.8	88
14	Human multipotent hematopoietic progenitor cell expansion is neither supported in endothelial and endothelial/mesenchymal co-cultures nor in NSG mice. Scientific Reports, 2019, 9, 12914.	1.6	4
15	Autologous, Gene-Modified Hematopoietic Stem and Progenitor Cells Repopulate the Central Nervous System with Distinct Clonal Variants. Stem Cell Reports, 2019, 13, 91-104.	2.3	10
16	Preparation and Gene Modification of Nonhuman Primate Hematopoietic Stem and Progenitor Cells. Journal of Visualized Experiments, 2019, , .	0.2	3
17	Human hematopoietic stem cell maintenance and myeloid cell development in next-generation humanized mouse models. Blood Advances, 2019, 3, 268-274.	2.5	50
18	MISTRG mice support engraftment and assessment of nonhuman primate hematopoietic stem and progenitor cells. Experimental Hematology, 2019, 70, 31-41.e1.	0.2	18

#	Article	IF	Citations
19	Suppression of luteinizing hormone enhances HSC recovery after hematopoietic injury. Nature Medicine, 2018, 24, 239-246.	15.2	34
20	A Nonhuman Primate Transplantation Model to Evaluate Hematopoietic Stem Cell Gene Editing Strategies for Î²-Hemoglobinopathies. Molecular Therapy - Methods and Clinical Development, 2018, 8, 75-86.	1.8	36
21	Sorting Out the Best: Enriching Hematopoietic Stem Cells for Gene Therapy and Editing. Molecular Therapy, 2018, 26, 2328-2329.	3.7	4
22	A distinct hematopoietic stem cell population for rapid multilineage engraftment in nonhuman primates. Science Translational Medicine, 2017, 9, .	5.8	97
23	Mesenchymal stem cell-derived extracellular vesicles ameliorate inflammation-induced preterm brain injury. Brain, Behavior, and Immunity, 2017, 60, 220-232.	2.0	218
24	The frequency of multipotent CD133+CD45RAâˆ'CD34+ hematopoietic stem cells is not increased in fetal liver compared with adult stem cell sources. Experimental Hematology, 2016, 44, 502-507.	0.2	10
25	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Protect the Fetal Brain After Hypoxia-Ischemia. Stem Cells Translational Medicine, 2016, 5, 754-763.	1.6	223
26	Human mesenchymal and murine stromal cells support human lympho-myeloid progenitor expansion but not maintenance of multipotent haematopoietic stem and progenitor cells. Cell Cycle, 2016, 15, 540-545.	1.3	23
27	<scp>CD</scp>133 allows elaborated discrimination and quantification of haematopoietic progenitor subsets in human haematopoietic stem cell transplants. British Journal of Haematology, 2015, 169, 868-878.	1.2	31
28	Extracellular Vesicles Improve Post-Stroke Neuroregeneration and Prevent Postischemic Immunosuppression. Stem Cells Translational Medicine, 2015, 4, 1131-1143.	1.6	584
29	CD133+ CD34+ HSPCs Are Not Significantly Increased in Fetal Liver Compared to Adult or Umbilical Cord HSPCs. Blood, 2015, 126, 2369-2369.	0.6	1
30	Autologous bone marrow mononuclear cell therapy improves symptoms in patients with end-stage peripheral arterial disease and reduces inflammation-associated parameters. Cytotherapy, 2014, 16, 1270-1279.	0.3	17
31	Revision of the Human Hematopoietic Tree: Granulocyte Subtypes Derive from Distinct Hematopoietic Lineages. Cell Reports, 2013, 3, 1539-1552.	2.9	133
32	New relationships of human hematopoietic lineages facilitate detection of multipotent hematopoietic stem and progenitor cells. Cell Cycle, 2013, 12, 3478-3482.	1.3	35