

Stefan Radtke

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,756
citations

516710

16
h-index

414414

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. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 24, 30-39.	4.1	4
2	Safe and efficient in vivo hematopoietic stem cell transduction in nonhuman primates using HDAd5/35++ vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 24, 127-141.	4.1	19
3	Bringing gene therapy to where it's needed. <i>Trends in Molecular Medicine</i> , 2022, , .	6.7	2
4	Efficient polymer nanoparticle-mediated delivery of gene editing reagents into human hematopoietic stem and progenitor cells. <i>Molecular Therapy</i> , 2022, 30, 2186-2198.	8.2	16
5	<i>In Vivo</i> Gene Therapy for Canine SCID-X1 Using Cocal-Pseudotyped Lentiviral Vector. <i>Human Gene Therapy</i> , 2021, 32, 113-127.	2.7	8
6	AMD3100 redosing fails to repeatedly mobilize hematopoietic stem cells in the nonhuman primate and humanized mouse. <i>Experimental Hematology</i> , 2021, 93, 52-60.e1.	0.4	4
7	Multiplex CRISPR/Cas9 genome editing in hematopoietic stem cells for fetal hemoglobin reinduction generates chromosomal translocations. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 23, 507-523.	4.1	21
8	Allogeneic transplantation of peripheral blood stem cell grafts results in a massive decrease of primitive hematopoietic progenitor frequencies in reconstituted bone marrows. <i>Bone Marrow Transplantation</i> , 2020, 55, 100-109.	2.4	1
9	Mouse models in hematopoietic stem cell gene therapy and genome editing. <i>Biochemical Pharmacology</i> , 2020, 174, 113692.	4.4	7
10	Purification of Human CD34+CD90+ HSCs Reduces Target Cell Population and Improves Lentiviral Transduction for Gene Therapy. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 679-691.	4.1	28
11	The evolution of viral integration site analysis. <i>Blood</i> , 2020, 135, 1192-1193.	1.4	0
12	Isolation of a Highly Purified HSC-enriched CD34+CD90+CD45RA ^{hi} Cell Subset for Allogeneic Transplantation in the Nonhuman Primate Large-animal Model. <i>Transplantation Direct</i> , 2020, 6, e579.	1.6	3
13	Therapeutically relevant engraftment of a CRISPR-Cas9 ^{hi} edited HSC-enriched population with HbF reactivation in nonhuman primates. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	88
14	Human multipotent hematopoietic progenitor cell expansion is neither supported in endothelial and endothelial/mesenchymal co-cultures nor in NSG mice. <i>Scientific Reports</i> , 2019, 9, 12914.	3.3	4
15	Autologous, Gene-Modified Hematopoietic Stem and Progenitor Cells Repopulate the Central Nervous System with Distinct Clonal Variants. <i>Stem Cell Reports</i> , 2019, 13, 91-104.	4.8	10
16	Preparation and Gene Modification of Nonhuman Primate Hematopoietic Stem and Progenitor Cells. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	3
17	Human hematopoietic stem cell maintenance and myeloid cell development in next-generation humanized mouse models. <i>Blood Advances</i> , 2019, 3, 268-274.	5.2	50
18	MISTRG mice support engraftment and assessment of nonhuman primate hematopoietic stem and progenitor cells. <i>Experimental Hematology</i> , 2019, 70, 31-41.e1.	0.4	18

#	ARTICLE	IF	CITATIONS
19	Suppression of luteinizing hormone enhances HSC recovery after hematopoietic injury. <i>Nature Medicine</i> , 2018, 24, 239-246.	30.7	34
20	A Nonhuman Primate Transplantation Model to Evaluate Hematopoietic Stem Cell Gene Editing Strategies for β^0 -Hemoglobinopathies. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018, 8, 75-86.	4.1	36
21	Sorting Out the Best: Enriching Hematopoietic Stem Cells for Gene Therapy and Editing. <i>Molecular Therapy</i> , 2018, 26, 2328-2329.	8.2	4
22	A distinct hematopoietic stem cell population for rapid multilineage engraftment in nonhuman primates. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	97
23	Mesenchymal stem cell-derived extracellular vesicles ameliorate inflammation-induced preterm brain injury. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 220-232.	4.1	218
24	The frequency of multipotent CD133+CD45RA ^{hi} CD34+ hematopoietic stem cells is not increased in fetal liver compared with adult stem cell sources. <i>Experimental Hematology</i> , 2016, 44, 502-507.	0.4	10
25	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Protect the Fetal Brain After Hypoxia-Ischemia. <i>Stem Cells Translational Medicine</i> , 2016, 5, 754-763.	3.3	223
26	Human mesenchymal and murine stromal cells support human lympho-myeloid progenitor expansion but not maintenance of multipotent haematopoietic stem and progenitor cells. <i>Cell Cycle</i> , 2016, 15, 540-545.	2.6	23
27	CD133 allows elaborated discrimination and quantification of haematopoietic progenitor subsets in human haematopoietic stem cell transplants. <i>British Journal of Haematology</i> , 2015, 169, 868-878.	2.5	31
28	Extracellular Vesicles Improve Post-Stroke Neuroregeneration and Prevent Postischemic Immunosuppression. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1131-1143.	3.3	584
29	CD133+ CD34+ HSPCs Are Not Significantly Increased in Fetal Liver Compared to Adult or Umbilical Cord HSPCs. <i>Blood</i> , 2015, 126, 2369-2369.	1.4	1
30	Autologous bone marrow mononuclear cell therapy improves symptoms in patients with end-stage peripheral arterial disease and reduces inflammation-associated parameters. <i>Cytotherapy</i> , 2014, 16, 1270-1279.	0.7	17
31	Revision of the Human Hematopoietic Tree: Granulocyte Subtypes Derive from Distinct Hematopoietic Lineages. <i>Cell Reports</i> , 2013, 3, 1539-1552.	6.4	133
32	New relationships of human hematopoietic lineages facilitate detection of multipotent hematopoietic stem and progenitor cells. <i>Cell Cycle</i> , 2013, 12, 3478-3482.	2.6	35