

Stefan Radtke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3756503/publications.pdf>

Version: 2024-02-01

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	Extracellular Vesicles Improve Post-Stroke Neuroregeneration and Prevent Postischemic Immunosuppression. <i>Stem Cells Translational Medicine</i> , 2015, 4, 1131-1143.	1.6	584
2	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Protect the Fetal Brain After Hypoxia-Ischemia. <i>Stem Cells Translational Medicine</i> , 2016, 5, 754-763.	1.6	223
3	Mesenchymal stem cell-derived extracellular vesicles ameliorate inflammation-induced preterm brain injury. <i>Brain, Behavior, and Immunity</i> , 2017, 60, 220-232.	2.0	218
4	Revision of the Human Hematopoietic Tree: Granulocyte Subtypes Derive from Distinct Hematopoietic Lineages. <i>Cell Reports</i> , 2013, 3, 1539-1552.	2.9	133
5	A distinct hematopoietic stem cell population for rapid multilineage engraftment in nonhuman primates. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	97
6	Therapeutically relevant engraftment of a CRISPR-Cas9-edited HSC-enriched population with HbF reactivation in nonhuman primates. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	88
7	Human hematopoietic stem cell maintenance and myeloid cell development in next-generation humanized mouse models. <i>Blood Advances</i> , 2019, 3, 268-274.	2.5	50
8	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.	1.8	36
9	New relationships of human hematopoietic lineages facilitate detection of multipotent hematopoietic stem and progenitor cells. <i>Cell Cycle</i> , 2013, 12, 3478-3482.	1.3	35
10	Suppression of luteinizing hormone enhances HSC recovery after hematopoietic injury. <i>Nature Medicine</i> , 2018, 24, 239-246.	15.2	34
11	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.	1.2	31
12	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.	1.8	28
13	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.	1.3	23
14	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.	1.8	21
15	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.	1.8	19
16	MISTRG mice support engraftment and assessment of nonhuman primate hematopoietic stem and progenitor cells. <i>Experimental Hematology</i> , 2019, 70, 31-41.e1.	0.2	18
17	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.	0.3	17
18	Efficient polymer nanoparticle-mediated delivery of gene editing reagents into human hematopoietic stem and progenitor cells. <i>Molecular Therapy</i> , 2022, 30, 2186-2198.	3.7	16

#	ARTICLE	IF	CITATIONS
19	The frequency of multipotent CD133+CD45RA ⁺ CD34+ hematopoietic stem cells is not increased in fetal liver compared with adult stem cell sources. <i>Experimental Hematology</i> , 2016, 44, 502-507.	0.2	10
20	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.	2.3	10
21	<i>In Vivo</i> Gene Therapy for Canine SCID-X1 Using Cocal-Pseudotyped Lentiviral Vector. <i>Human Gene Therapy</i> , 2021, 32, 113-127.	1.4	8
22	Mouse models in hematopoietic stem cell gene therapy and genome editing. <i>Biochemical Pharmacology</i> , 2020, 174, 113692.	2.0	7
23	Sorting Out the Best: Enriching Hematopoietic Stem Cells for Gene Therapy and Editing. <i>Molecular Therapy</i> , 2018, 26, 2328-2329.	3.7	4
24	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.	1.6	4
25	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.	0.2	4
26	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.	1.8	4
27	Preparation and Gene Modification of Nonhuman Primate Hematopoietic Stem and Progenitor Cells. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	3
28	Isolation of a Highly Purified HSC-enriched CD34+CD90+CD45RA ⁺ Cell Subset for Allogeneic Transplantation in the Nonhuman Primate Large-animal Model. <i>Transplantation Direct</i> , 2020, 6, e579.	0.8	3
29	Bringing gene therapy to where itâ€™s needed. <i>Trends in Molecular Medicine</i> , 2022, , .	3.5	2
30	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.	1.3	1
31	CD133+ CD34+ HSPCs Are Not Significantly Increased in Fetal Liver Compared to Adult or Umbilical Cord HSPCs. <i>Blood</i> , 2015, 126, 2369-2369.	0.6	1
32	The evolution of viral integration site analysis. <i>Blood</i> , 2020, 135, 1192-1193.	0.6	0