

Stanislav A Rybtsov

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,969
citations

471509

17
h-index

395702

33
g-index

44
all docs

44
docs citations

44
times ranked

2463
citing authors

#	ARTICLE	IF	CITATIONS
1	Embryonic origin of the adult hematopoietic system: advances and questions. <i>Development (Cambridge)</i> , 2011, 138, 1017-1031.	2.5	327
2	Hierarchical organization and early hematopoietic specification of the developing HSC lineage in the AGM region. <i>Journal of Experimental Medicine</i> , 2011, 208, 1305-1315.	8.5	223
3	Highly potent human hematopoietic stem cells first emerge in the intraembryonic aorta-gonad-mesonephros region. <i>Journal of Experimental Medicine</i> , 2011, 208, 2417-2427.	8.5	204
4	Human haematopoietic stem cell development: from the embryo to the dish. <i>Development (Cambridge)</i> , 2017, 144, 2323-2337.	2.5	195
5	Tracing the Origin of the HSC Hierarchy Reveals an SCF-Dependent, IL-3-Independent CD43 ^{hi} Embryonic Precursor. <i>Stem Cell Reports</i> , 2014, 3, 489-501.	4.8	122
6	Concealed expansion of immature precursors underpins acute burst of adult HSC activity in foetal liver. <i>Development (Cambridge)</i> , 2016, 143, 1284-1289.	2.5	102
7	Dissecting the role of lymphotoxin in lymphoid organs by conditional targeting. <i>Immunological Reviews</i> , 2003, 195, 106-116.	6.0	95
8	Mouse extraembryonic arterial vessels harbor precursors capable of maturing into definitive HSCs. <i>Blood</i> , 2013, 122, 2338-2345.	1.4	84
9	Identification of the Niche and Phenotype of the First Human Hematopoietic Stem Cells. <i>Stem Cell Reports</i> , 2014, 2, 449-456.	4.8	79
10	Inductive interactions mediated by interplay of asymmetric signalling underlie development of adult haematopoietic stem cells. <i>Nature Communications</i> , 2016, 7, 10784.	12.8	70
11	Understanding Hematopoietic Stem Cell Development through Functional Correlation of Their Proliferative Status with the Intra-aortic Cluster Architecture. <i>Stem Cell Reports</i> , 2017, 8, 1549-1562.	4.8	52
12	Multi-layered Spatial Transcriptomics Identify Secretory Factors Promoting Human Hematopoietic Stem Cell Development. <i>Cell Stem Cell</i> , 2020, 27, 822-839.e8.	11.1	51
13	A molecular roadmap of the AGM region reveals BMPER as a novel regulator of HSC maturation. <i>Journal of Experimental Medicine</i> , 2017, 214, 3731-3751.	8.5	50
14	Developing HSCs become Notch independent by the end of maturation in the AGM region. <i>Blood</i> , 2016, 128, 1567-1577.	1.4	46
15	SMUCKLER/TIM4 is a distinct member of TIM family expressed by stromal cells of secondary lymphoid tissues and associated with lymphotoxin signaling. <i>European Journal of Immunology</i> , 2004, 34, 494-503.	2.9	43
16	Molecular Mechanisms Governing the Stem Cell's Fate in Brain Cancer: Factors of Stemness and Quiescence. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 388.	3.7	41
17	Runx1 is required for progression of CD41 ⁺ embryonic precursors into HSCs but not prior to this. <i>Development (Cambridge)</i> , 2014, 141, 3319-3323.	2.5	36
18	Can Blood-Circulating Factors Unveil and Delay Your Biological Aging?. <i>Biomedicines</i> , 2020, 8, 615.	3.2	17

#	ARTICLE	IF	CITATIONS
19	Comparative Dynamics of Individual Ageing among the Investigative Type of Professionals Living in Russia and Russian Migrants to the EU Countries. <i>European Journal of Investigation in Health, Psychology and Education</i> , 2020, 10, 749-762.	1.9	16
20	Towards an advanced cell-based in vitro glioma model system. <i>AIMS Genetics</i> , 2018, 05, 091-112.	1.9	14
21	Acceleration of Biological Aging and Underestimation of Subjective Age Are Risk Factors for Severe COVID-19. <i>Biomedicines</i> , 2021, 9, 913.	3.2	13
22	Analysis of Runx1 Using Induced Gene Ablation Reveals Its Essential Role in Pre-liver HSC Development and Limitations of an In Vivo Approach. <i>Stem Cell Reports</i> , 2018, 11, 784-794.	4.8	12
23	Analysis of the Spatiotemporal Development of Hematopoietic Stem and Progenitor Cells in the Early Human Embryo. <i>Stem Cell Reports</i> , 2019, 12, 1056-1068.	4.8	12
24	Development of Hematopoietic Stem Cells in the Early Mammalian Embryo. <i>Biochemistry (Moscow)</i> , 2019, 84, 190-204.	1.5	11
25	Individually-personal factors of pension stress in representatives of the intellectual type of professions. <i>Sovremennaya Zarubezhnaya Psihologiya</i> , 2020, 9, 8-21.	0.7	10
26	Vast Self-Renewal Potential of Human AGM Region HSCs Dramatically Declines in the Umbilical Cord Blood. <i>Stem Cell Reports</i> , 2020, 15, 811-816.	4.8	9
27	Modulation of APLNR Signaling Is Required during the Development and Maintenance of the Hematopoietic System. <i>Stem Cell Reports</i> , 2021, 16, 727-740.	4.8	7
28	Postmenstrual gestational age should be used with care in studies of early human hematopoietic development. <i>Blood</i> , 2013, 121, 3051-3052.	1.4	6
29	The influence of quarantine on the indicators of biopsychological age in Russia (longitudinal study). <i>Sovremennaya Zarubezhnaya Psihologiya</i> , 2021, 10, 57-69.	0.7	6
30	Religiosity, Spirituality and Biopsychological Age of Professionals in Russia. <i>European Journal of Investigation in Health, Psychology and Education</i> , 2021, 11, 1221-1238.	1.9	6
31	Directed Differentiation of Embryonic Stem Cells Using a Bead-Based Combinatorial Screening Method. <i>PLoS ONE</i> , 2014, 9, e104301.	2.5	4
32	CD43 but Not CD41 Marks the First Hematopoietic Stem Cells in the Human Embryo. <i>Blood</i> , 2014, 124, 4330-4330.	1.4	3
33	Highly potent human haemopoietic stem cells first emerge in the intraembryonic aorta-gonad-mesonephros region. <i>Lancet, The</i> , 2013, 381, S12.	13.7	2
34	The Biopsychological Indicators of Age Significantly Influence the Severity of COVID-19. , 2021, 7, .		1
35	Analysis of notch signalling activity during hematopoietic stem cell development. <i>Experimental Hematology</i> , 2015, 43, S65.	0.4	0
36	Investigating haematopoiesis in the human embryo using an ex vivo culture system. <i>Experimental Hematology</i> , 2016, 44, S68.	0.4	0

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37	Cellular hierarchy and molecular mechanisms underlying haematopoietic stem cell development. <i>Experimental Hematology</i> , 2017, 53, S25.	0.4	0
38	Declined presentation understanding haematopoietic stem cell development through functional correlation of their proliferative status with the intra-aortic cluster architecture. <i>Experimental Hematology</i> , 2017, 53, S126.	0.4	0
39	Vascular and bone marrow explant models to assess in vitro hematotoxicity of herbal extracts. , 2020, , 487-495.		0
40	Accelerated aging and psychological age of an individual as risk factors for COVID-19 complications. <i>Science and Innovations in Medicine</i> , 2021, 6, 29-32.	0.1	0
41	Highly potent human hematopoietic stem cells first emerge in the intraembryonic aorta-gonad-mesonephros region. <i>Journal of Cell Biology</i> , 2011, 195, i5-i5.	5.2	0
42	3128 " THE RETIREMENT STRESS INCREASES BIOLOGICAL AGE: SEARCHING STRESS-INDUCED INFLAMMATORY AND IMMUNOSENESCENCE FACTORS OF BIOLOGICAL AGING ACCELERATION.. <i>Experimental Hematology</i> , 2020, 88, S78.	0.4	0
43	Prospects for assessing the biological and immunological age of a person by blood factors. <i>Science and Innovations in Medicine</i> , 2021, 6, 19-39.	0.1	0