

Jun Seita

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

10,430
citations

94269

37
h-index

233125

45
g-index

58
all docs

58
docs citations

58
times ranked

17982
citing authors

#	ARTICLE	IF	CITATIONS
1	CD153/CD30 signaling promotes age-dependent tertiary lymphoid tissue expansion and kidney injury. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	36
2	Aged skeletal stem cells generate an inflammatory degenerative niche. <i>Nature</i> , 2021, 597, 256-262.	13.7	143
3	A molecular cell atlas of the human lung from single-cell RNA sequencing. <i>Nature</i> , 2020, 587, 619-625.	13.7	963
4	Geriatric fragility fractures are associated with a human skeletal stem cell defect. <i>Aging Cell</i> , 2020, 19, e13164.	3.0	22
5	The GABA receptor GABRR1 is expressed on and functional in hematopoietic stem cells and megakaryocyte progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18416-18422.	3.3	28
6	Neutrophil and monocyte kinetics play critical roles in mouse peritoneal adhesion formation. <i>Blood Advances</i> , 2019, 3, 2713-2721.	2.5	25
7	Development and validation of a deep-learning model for scoring of radiographic finger joint destruction in rheumatoid arthritis. <i>Rheumatology Advances in Practice</i> , 2019, 3, rkz047.	0.3	42
8	Clonal-level lineage commitment pathways of hematopoietic stem cells in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1447-1456.	3.3	68
9	Surgical adhesions in mice are derived from mesothelial cells and can be targeted by antibodies against mesothelial markers. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	70
10	Complex mammalian-like haematopoietic system found in a colonial chordate. <i>Nature</i> , 2018, 564, 425-429.	13.7	60
11	Identification of the Human Skeletal Stem Cell. <i>Cell</i> , 2018, 175, 43-56.e21.	13.5	425
12	Screening for genes that regulate the differentiation of human megakaryocytic lineage cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9308-E9316.	3.3	22
13	Myeloid Cell Origins, Differentiation, and Clinical Implications. , 2017, , 857-875.		1
14	Myeloid Cell Origins, Differentiation, and Clinical Implications. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	59
15	Hoxb5 marks long-term haematopoietic stem cells and reveals a homogenous perivascular niche. <i>Nature</i> , 2016, 530, 223-227.	13.7	275
16	Identification and Specification of the Mouse Skeletal Stem Cell. <i>Cell</i> , 2015, 160, 285-298.	13.5	571
17	Prospective isolation of human erythroid lineage-committed progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9638-9643.	3.3	74
18	Abstract A13: Hypoxia-inducible factor-1 (HIF-1) in myeloid cells promotes angiogenesis by regulating VEGF and S100A8 production. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Abstract A2-35: Discovery of differentiation therapeutics using a systems biology approach. , 2015, , .		0
20	Abstract B2-12: A systems biology approach for the discovery of differentiation therapeutics. , 2015, , .		0
21	Upregulation of CD11A on Hematopoietic Stem Cells Denotes the Loss of Long-Term Reconstitution Potential. Stem Cell Reports, 2014, 3, 707-715.	2.3	19
22	Identification of Multipotent Progenitors that Emerge Prior to Hematopoietic Stem Cells in Embryonic Development. Stem Cell Reports, 2014, 2, 457-472.	2.3	55
23	Transcriptional activation of hypoxia-inducible factor-1 (HIF-1) in myeloid cells promotes angiogenesis through VEGF and S100A8. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2698-2703.	3.3	90
24	Global Transcriptional Profiling Reveals Distinct Functions of Thymic Stromal Subsets and Age-Related Changes during Thymic Involution. Cell Reports, 2014, 9, 402-415.	2.9	87
25	Hematopoietic stem cell quiescence attenuates DNA damage repair and response contributing to age-dependent DNA damage accumulation. Experimental Hematology, 2014, 42, S24.	0.2	0
26	Discriminating cellular heterogeneity using microwell-based RNA cytometry. Nature Communications, 2014, 5, 3451.	5.8	49
27	Quiescent Hematopoietic Stem Cells Accumulate DNA Damage during Aging that Is Repaired upon Entry into Cell Cycle. Cell Stem Cell, 2014, 15, 37-50.	5.2	373
28	Leukemia Cell Differentiation upon Targeted Therapy Revealed By a Systems Biology Approach. Blood, 2014, 124, 5202-5202.	0.6	0
29	Clonal precursor of bone, cartilage, and hematopoietic niche stromal cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12643-12648.	3.3	116
30	Do Pluripotent Stem Cells Exist in Adult Mice as Very Small Embryonic Stem Cells?. Stem Cell Reports, 2013, 1, 198-208.	2.3	75
31	Anti-CD47 antibody-mediated phagocytosis of cancer by macrophages primes an effective antitumor T-cell response. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11103-11108.	3.3	518
32	Prospective Isolation Of Human Erythroid Lineage-Committed Progenitors. Blood, 2013, 122, 3418-3418.	0.6	0
33	Isolation of primitive endoderm, mesoderm, vascular endothelial and trophoblast progenitors from human pluripotent stem cells. Nature Biotechnology, 2012, 30, 531-542.	9.4	102
34	Gene Expression Commons: An Open Platform for Absolute Gene Expression Profiling. PLoS ONE, 2012, 7, e40321.	1.1	227
35	Clonal Level Lineage Commitment of Mouse Hematopoietic Stem Cells in Vivo. Blood, 2012, 120, 27-27.	0.6	0
36	Identification of the earliest natural killer cell-committed progenitor in murine bone marrow. Blood, 2011, 118, 5439-5447.	0.6	178

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37	IL-1 β -driven neutrophilia preserves antibacterial defense in the absence of the kinase IKK β . <i>Nature Immunology</i> , 2011, 12, 144-150.	7.0	102
38	Hematopoietic stem cell: self-renewal versus differentiation. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2010, 2, 640-653.	6.6	666
39	Epigenetic memory in induced pluripotent stem cells. <i>Nature</i> , 2010, 467, 285-290.	13.7	2,011
40	Comprehensive methylome map of lineage commitment from haematopoietic progenitors. <i>Nature</i> , 2010, 467, 338-342.	13.7	554
41	Differential DNA Damage Response in Stem and Progenitor Cells. <i>Cell Stem Cell</i> , 2010, 7, 145-147.	5.2	41
42	MiDReG: A method of mining developmentally regulated genes using Boolean implications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5732-5737.	3.3	57
43	Ly6d marks the earliest stage of B-cell specification and identifies the branchpoint between B-cell and T-cell development. <i>Genes and Development</i> , 2009, 23, 2376-2381.	2.7	254
44	Establishment of a Normal Hematopoietic and Leukemia Stem Cell Hierarchy. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2008, 73, 439-449.	2.0	115
45	Interleukin-27 directly induces differentiation in hematopoietic stem cells. <i>Blood</i> , 2008, 111, 1903-1912.	0.6	78
46	Hematopoietic Stem Cell Quiescence Attenuates DNA Damage Response and Permits DNA Damage Accumulation During Aging. <i>Cell Cycle</i> , 2007, 6, 2371-2376.	1.3	155
47	Lnk negatively regulates self-renewal of hematopoietic stem cells by modifying thrombopoietin-mediated signal transduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2349-2354.	3.3	133
48	Deficiencies in DNA damage repair limit the function of haematopoietic stem cells with age. <i>Nature</i> , 2007, 447, 725-729.	13.7	994
49	Adult mouse hematopoietic stem cells: purification and single-cell assays. <i>Nature Protocols</i> , 2006, 1, 2979-2987.	5.5	164
50	Adaptor Protein Lnk Negatively Controls the Likelihood of Self-Renewal in Hematopoietic Stem Cells. <i>Blood</i> , 2006, 108, 1316-1316.	0.6	0
51	Quantification of Self-Renewal Capacity in Single Hematopoietic Stem Cells from Normal and Lnk-Deficient Mice. <i>Developmental Cell</i> , 2005, 8, 907-914.	3.1	170
52	Negative Hematopoietic Scaffold Lnk Upregulates Integrin Outside-In Signaling in Platelets. <i>Blood</i> , 2005, 106, 382-382.	0.6	0
53	Surgical Management of a Penetrated Greenfield Inferior Vena Cava Filter. <i>Thoracic and Cardiovascular Surgeon</i> , 2001, 49, 243-244.	0.4	5
54	Carotid and aortic screening for coronary artery bypass grafting. <i>Annals of Thoracic Surgery</i> , 2000, 70, 2034-2039.	0.7	76

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55	Murine Peritoneal Macrophages Induce a Novel 60-kDa Protein with Structural Similarity to a Tyrosine Kinase p56lck-Associated Protein in Response to Oxidative Stress. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 456-460.	1.0	81