

# Maria C Florian

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,849  
citations

331670

21  
h-index

315739

38  
g-index

54  
all docs

54  
docs citations

54  
times ranked

4174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aging of human hematopoietic stem cells is linked to changes in Cdc42 activity. <i>Haematologica</i> , 2022, 107, 393-402.	3.5	23
2	The gut-bone marrow axis: a novel player in HSC aging. <i>Blood</i> , 2022, 139, 3-4.	1.4	5
3	Meeting Report: Aging Research and Drug Discovery. <i>Aging</i> , 2022, 14, 530-543.	3.1	4
4	Fast and high-fidelity in situ 3D imaging protocol for stem cells and niche components for mouse organs and tissues. <i>STAR Protocols</i> , 2022, 3, 101483.	1.2	3
5	Repolarization of HSC attenuates HSCs failure in Shwachmanâ€“Diamond syndrome. <i>Leukemia</i> , 2021, 35, 1751-1762.	7.2	5
6	A Wnt5a-Cdc42 axis controls aging and rejuvenation of hair-follicle stem cells. <i>Aging</i> , 2021, 13, 4778-4793.	3.1	11
7	Attrition of X Chromosome Inactivation in Aged Hematopoietic Stem Cells. <i>Stem Cell Reports</i> , 2021, 16, 708-716.	4.8	10
8	An aged bone marrow niche restrains rejuvenated hematopoietic stem cells. <i>Stem Cells</i> , 2021, 39, 1101-1106.	3.2	9
9	Cdc42â€“Borg4â€“Septin7 axis regulates HSC polarity and function. <i>EMBO Reports</i> , 2021, 22, e52931.	4.5	14
10	Aging of the Hematopoietic Stem Cell Niche: New Tools to Answer an Old Question. <i>Frontiers in Immunology</i> , 2021, 12, 738204.	4.8	20
11	Acute Myeloid Leukemia: Aging and Epigenetics. <i>Cancers</i> , 2020, 12, 103.	3.7	46
12	Inhibition of Cdc42 activity extends lifespan and decreases circulating inflammatory cytokines in aged female C57BL/6 mice. <i>Aging Cell</i> , 2020, 19, e13208.	6.7	31
13	Loss of epigenetic polarity is a hallmark of hematopoietic stem cell aging. <i>Human Molecular Genetics</i> , 2020, 29, R248-R254.	2.9	12
14	Immunological history governs human stem cell memory CD4 heterogeneity via the Wnt signaling pathway. <i>Nature Communications</i> , 2020, 11, 821.	12.8	25
15	Understanding intrinsic hematopoietic stem cell aging. <i>Haematologica</i> , 2020, 105, 22-37.	3.5	101
16	Haematopoietic stem cells in perisinusoidal niches are protected from ageing. <i>Nature Cell Biology</i> , 2019, 21, 1309-1320.	10.3	88
17	Hematopoietic Stem Cell Dynamics Are Regulated by Progenitor Demand: Lessons from a Quantitative Modeling Approach. <i>Stem Cells</i> , 2019, 37, 948-957.	3.2	11
18	Rational identification of a Cdc42 inhibitor presents a new regimen for long-term hematopoietic stem cell mobilization. <i>Leukemia</i> , 2019, 33, 749-761.	7.2	48

#	ARTICLE	IF	CITATIONS
19	LaminA/C regulates epigenetic and chromatin architecture changes upon aging of hematopoietic stem cells. <i>Genome Biology</i> , 2018, 19, 189.	8.8	66
20	Aging alters the epigenetic asymmetry of HSC division. <i>PLoS Biology</i> , 2018, 16, e2003389.	5.6	95
21	Hematopoietic Stem Cell Rejuvenation: Aging Alters the Epigenetic Asymmetry of Stem Cell Divisions. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2018, 18, S137-S138.	0.4	0
22	Mechanisms of Aging of Hematopoietic Stem Cells. <i>Experimental Hematology</i> , 2018, 64, S28-S29.	0.4	0
23	Hematopoietic Stem Cells in Perisinusoidal Niches are Protected From Aging. <i>Experimental Hematology</i> , 2018, 64, S43.	0.4	1
24	Osteopontin attenuates aging-associated phenotypes of hematopoietic stem cells. <i>EMBO Journal</i> , 2017, 36, 840-853.	7.8	109
25	Expression and Activity of the Small RhoGTPase Cdc42 in Blood Cells of Older Adults Are Associated With Age and Cardiovascular Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1196-1200.	3.6	20
26	Vitamin A-Retinoic Acid Signaling Regulates Hematopoietic Stem Cell Dormancy. <i>Cell</i> , 2017, 169, 807-823.e19.	28.9	339
27	Niche WNT5A regulates the actin cytoskeleton during regeneration of hematopoietic stem cells. <i>Journal of Experimental Medicine</i> , 2017, 214, 165-181.	8.5	41
28	Mathematical modeling of aging-related changes in the symmetry of hematopoietic stem cell divisions. <i>Experimental Hematology</i> , 2017, 53, S89.	0.4	0
29	Septin 6 regulates engraftment and lymphoid differentiation potential of murine long-term hematopoietic stem cells. <i>Experimental Hematology</i> , 2017, 55, 45-55.	0.4	7
30	Role of Septin 6 in the lymphoid lineage and hematopoiesis. <i>Experimental Hematology</i> , 2016, 44, S98.	0.4	0
31	Osteopontin regulates and attenuates aging-associated phenotypes of HSCs. <i>Experimental Hematology</i> , 2016, 44, S51.	0.4	0
32	Clonality and Mixed Mutational Signature in Aged Hematopoietic Stem Cells Via Single Cell Variant Analysis. <i>Blood</i> , 2016, 128, 570-570.	1.4	0
33	Rejuvenation of aged hematopoietic stem cells by restoring the asymmetry of division. <i>Experimental Hematology</i> , 2015, 43, S62.	0.4	1
34	Stroma-derived osteopontin regulates HSC aging. <i>Experimental Hematology</i> , 2015, 43, S65.	0.4	0
35	Stem Cell-Specific Mechanisms Ensure Genomic Fidelity within HSCs and upon Aging of HSCs. <i>Cell Reports</i> , 2015, 13, 2412-2424.	6.4	48
36	Closing the Circle: Stem Cell Rejuvenation and Longevity. , 2015, , 343-354.		0

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37	HSC Aging and Senescent Immune Remodeling. Trends in Immunology, 2015, 36, 815-824.	6.8	91
38	Role of septins in HSC aging. Experimental Hematology, 2015, 43, S95.	0.4	0
39	A canonical to non-canonical Wnt signalling switch in haematopoietic stem-cell ageing. Nature, 2013, 503, 392-396.	27.8	265
40	RhoA GTPase controls cytokinesis and programmed necrosis of hematopoietic progenitors. Journal of Experimental Medicine, 2013, 210, 2371-2385.	8.5	35
41	The ageing haematopoietic stem cell compartment. Nature Reviews Immunology, 2013, 13, 376-389.	22.7	489
42	RhoA GTPase controls cytokinesis and programmed necrosis of hematopoietic progenitors. Journal of Cell Biology, 2013, 203, 203101A113.	5.2	0
43	Cdc42 Activity Regulates Hematopoietic Stem Cell Aging and Rejuvenation. Cell Stem Cell, 2012, 10, 520-530.	11.1	438
44	Atypical protein kinase C (aPKC $\eta$ and aPKC $\xi$ ) is dispensable for mammalian hematopoietic stem cell activity and blood formation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9957-9962.	7.1	47
45	Concise Review: Polarity in Stem Cells, Disease, and Aging. Stem Cells, 2010, 28, 1623-1629.	3.2	66
46	MiR-128 up-regulation inhibits Reelin and DCX expression and reduces neuroblastoma cell motility and invasiveness. FASEB Journal, 2009, 23, 4276-4287.	0.5	148
47	Retinoic acid reduces human neuroblastoma cell migration and invasiveness: effects on DCX, LIS1, neurofilaments-68 and vimentin expression. BMC Cancer, 2008, 8, 30.	2.6	43
48	Living a longer life: unique lessons from the naked mole-rat blood system. EMBO Journal, 0, , .	7.8	2