

# Olga I Gan

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/11820000/olga-i-gan-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44  
papers

4,053  
citations

21  
h-index

49  
g-index

49  
ext. papers

4,650  
ext. citations

12.5  
avg, IF

4.69  
L-index

#	Paper	IF	Citations
44	A newly discovered class of human hematopoietic cells with SCID-repopulating activity. <i>Nature Medicine</i> , <b>1998</b> , 4, 1038-45	50.5	556
43	Variable clonal repopulation dynamics influence chemotherapy response in colorectal cancer. <i>Science</i> , <b>2013</b> , 339, 543-8	33.3	550
42	Distinct routes of lineage development reshape the human blood hierarchy across ontogeny. <i>Science</i> , <b>2016</b> , 351, aab2116	33.3	445
41	Polymorphism in Sirpa modulates engraftment of human hematopoietic stem cells. <i>Nature Immunology</i> , <b>2007</b> , 8, 1313-23	19.1	369
40	Distinct classes of human stem cells that differ in proliferative and self-renewal potential. <i>Nature Immunology</i> , <b>2001</b> , 2, 75-82	19.1	272
39	Rapid myeloerythroid repopulation after intrafemoral transplantation of NOD-SCID mice reveals a new class of human stem cells. <i>Nature Medicine</i> , <b>2003</b> , 9, 959-63	50.5	240
38	Expansion of human cord blood CD34+CD38 <sup>low</sup> cells in ex vivo culture during retroviral transduction without a corresponding increase in SCID repopulating cell (SRC) frequency: dissociation of SRC phenotype and function. <i>Blood</i> , <b>2000</b> , 95, 102-110	2.2	217
37	A distinctive DNA damage response in human hematopoietic stem cells reveals an apoptosis-independent role for p53 in self-renewal. <i>Cell Stem Cell</i> , <b>2010</b> , 7, 186-97	18	213
36	Transduction of human CD34+ CD38- bone marrow and cord blood-derived SCID-repopulating cells with third-generation lentiviral vectors. <i>Molecular Therapy</i> , <b>2000</b> , 1, 566-73	11.7	163
35	Differential Maintenance of Primitive Human SCID-Repopulating Cells, Clonogenic Progenitors, and Long-Term Culture-Initiating Cells After Incubation on Human Bone Marrow Stromal Cells. <i>Blood</i> , <b>1997</b> , 90, 641-650	2.2	140
34	Individual stem cells with highly variable proliferation and self-renewal properties comprise the human hematopoietic stem cell compartment. <i>Nature Immunology</i> , <b>2006</b> , 7, 1225-33	19.1	139
33	Lentivector-mediated clonal tracking reveals intrinsic heterogeneity in the human hematopoietic stem cell compartment and culture-induced stem cell impairment. <i>Blood</i> , <b>2004</b> , 103, 545-52	2.2	126
32	Human short-term repopulating stem cells are efficiently detected following intrafemoral transplantation into NOD/SCID recipients depleted of CD122+ cells. <i>Blood</i> , <b>2005</b> , 106, 1259-61	2.2	122
31	Low rhodamine 123 retention identifies long-term human hematopoietic stem cells within the Lin-CD34+CD38- population. <i>Blood</i> , <b>2007</b> , 109, 543-5	2.2	74
30	Bone Marrow Failure in the Fanconi Anemia Group C Mouse Model After DNA Damage. <i>Blood</i> , <b>1998</b> , 91, 2737-2744	2.2	58
29	Hematopoietic compartment of Fanconi anemia group C null mice contains fewer lineage-negative CD34+ primitive hematopoietic cells and shows reduced reconstruction ability. <i>Experimental Hematology</i> , <b>1999</b> , 27, 1667-74	3.1	50
28	Ectopic miR-125a Expression Induces Long-Term Repopulating Stem Cell Capacity in Mouse and Human Hematopoietic Progenitors. <i>Cell Stem Cell</i> , <b>2016</b> , 19, 383-96	18	40

27	Sphingolipid Modulation Activates Proteostasis Programs to Govern Human Hematopoietic Stem Cell Self-Renewal. <i>Cell Stem Cell</i> , <b>2019</b> , 25, 639-653.e7	18	40
26	Reversible cell surface expression of CD38 on CD34-positive human hematopoietic repopulating cells. <i>Experimental Hematology</i> , <b>2007</b> , 35, 1429-36	3.1	38
25	Relapse-Fated Latent Diagnosis Subclones in Acute B Lineage Leukemia Are Drug Tolerant and Possess Distinct Metabolic Programs. <i>Cancer Discovery</i> , <b>2020</b> , 10, 568-587	24.4	37
24	Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. <i>Nature</i> , <b>2020</b> , 586, 769-775	50.4	32
23	Characterization of cord blood hematopoietic stem cells. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 996, 67-71	6.5	20
22	Characterization and retroviral transduction of an early human lymphomyeloid precursor assayed in nonswitched long-term culture on murine stroma. <i>Experimental Hematology</i> , <b>1999</b> , 27, 1097-106	3.1	17
21	Functional profiling of single CRISPR/Cas9-edited human long-term hematopoietic stem cells. <i>Nature Communications</i> , <b>2019</b> , 10, 4730	17.4	15
20	In vivo dynamics of human stem cell repopulation in NOD/SCID mice. <i>Annals of the New York Academy of Sciences</i> , <b>2001</b> , 938, 184-90	6.5	14
19	SMYD2 lysine methyltransferase regulates leukemia cell growth and regeneration after genotoxic stress. <i>Oncotarget</i> , <b>2017</b> , 8, 16712-16727	3.3	13
18	The Transition from Quiescent to Activated States in Human Hematopoietic Stem Cells Is Governed by Dynamic 3D Genome Reorganization. <i>Cell Stem Cell</i> , <b>2021</b> , 28, 488-501.e10	18	11
17	Sphingosine-1-phosphate receptor 3 potentiates inflammatory programs in normal and leukemia stem cells to promote differentiation. <i>Blood Cancer Discovery</i> , <b>2021</b> , 2, 32-53	7	9
16	Short-term granulocyte colony-stimulating factor and erythropoietin treatment enhances hematopoiesis and survival in the mitomycin C-conditioned Fancc(-/-) mouse model, while long-term treatment is ineffective. <i>Blood</i> , <b>2002</b> , 100, 1499-501	2.2	8
15	Mapping the cellular origin and early evolution of leukemia in Down syndrome. <i>Science</i> , <b>2021</b> , 373,	33.3	8
14	Development of a Novel NOD/SCID Transplant System That Provides Enhanced Detection of Rapid-SRC and Insight into Their Self-Renewal and Mobilization.. <i>Blood</i> , <b>2004</b> , 104, 249-249	2.2	5
13	TFEB-mediated endolysosomal activity controls human hematopoietic stem cell fate. <i>Cell Stem Cell</i> , <b>2021</b> , 28, 1838-1850.e10	18	4
12	An Enhancer-Based Reporter Identifies Leukemia Cells with Elevated Leukemogenic Potential Driven by ERG-USP9X Feed-Forward Regulation. <i>Cancer Research</i> , <b>2019</b> , 79, 3862-3876	10.1	3
11	Expansion of human cord blood CD34+CD38 <sup>low</sup> cells in ex vivo culture during retroviral transduction without a corresponding increase in SCID repopulating cell (SRC) frequency: dissociation of SRC phenotype and function. <i>Blood</i> , <b>2000</b> , 95, 102-110	2.2	3
10	Genetic predisposition to myeloproliferative neoplasms implicates hematopoietic stem cell biology		1

9	A latent subset of human hematopoietic stem cells resists regenerative stress to preserve stemness. <i>Nature Immunology</i> , <b>2021</b> , 22, 723-734	19.1	1
8	Multomic Profiling of Central Nervous System Leukemia Identifies mRNA Translation as a Therapeutic Target.. <i>Blood Cancer Discovery</i> , <b>2022</b> , 3, 16-31	7	0
7	Identification of the global miR-130a targetome reveals a role for TBL1XR1 in hematopoietic stem cell self-renewal and t(8;21) AML.. <i>Cell Reports</i> , <b>2022</b> , 38, 110481	10.6	0
6	Dichotomous Regulation of Lysosomes By MYC and Tfeb Controls Hematopoietic Stem Cell Fate. <i>Blood</i> , <b>2020</b> , 136, 34-34	2.2	
5	SRC within the Lin-CD34+CD38+/Lo Population Possess Heterogeneous Migration, Repopulation, and Self-Renewal Potential.. <i>Blood</i> , <b>2004</b> , 104, 2670-2670	2.2	
4	Mouse Model for Shwachman-Diamond Syndrome with the R126T Disease Mutation Leads to Severe Growth and Developmental Deficiencies with Impairment of Hematopoiesis.. <i>Blood</i> , <b>2006</b> , 108, 1283-1283	2.2	
3	Identification of a New Genetic Determinant Controlling Human Hematopoietic Stem Cell Engraftment.. <i>Blood</i> , <b>2007</b> , 110, 175-175	2.2	
2	The Human Blood Hierarchy Is Shaped By Distinct Progenitor Lineages Across Development. <i>Blood</i> , <b>2015</b> , 126, 2360-2360	2.2	
1	CD47-Sirp $\alpha$ Interaction Modulates Homing and Engraftment of Human Acute Myeloid Leukemia Stem Cells in Mice.. <i>Blood</i> , <b>2009</b> , 114, 476-476	2.2	