

Chiara Vitale

List of Publications by Year in descending order

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38
papers

2,869
citations

257450

24
h-index

330143

37
g-index

38
all docs

38
docs citations

38
times ranked

3090
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibitory receptors sensing HLA-G1 molecules in pregnancy: Decidua-associated natural killer cells express LIR-1 and CD94/NKG2A and acquire p49, an HLA-G1-specific receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 5674-5679.	7.1	341
2	Killer Ig-Like Receptors (KIRs): Their Role in NK Cell Modulation and Developments Leading to Their Clinical Exploitation. <i>Frontiers in Immunology</i> , 2019, 10, 1179.	4.8	269
3	Human CD8+ T lymphocyte subsets that express HLA class I-specific inhibitory receptors represent oligoclonally or monoclonally expanded cell populations.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 12433-12438.	7.1	224
4	HLA class I-specific inhibitory receptors in human T lymphocytes: Interleukin 15-induced expression of CD94/NKG2A in superantigen- or alloantigen-activated CD8+ T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 1172-1177.	7.1	217
5	Cytolytic T lymphocytes displaying natural killer (NK)-like activity: expression of NK-related functional receptors for HLA class I molecules (p58 and CD94) and inhibitory effect on the TCR-mediated target cell lysis or lymphokine production. <i>International Immunology</i> , 1995, 7, 697-703.	4.0	216
6	CD34 ⁺ hematopoietic precursors are present in human decidua and differentiate into natural killer cells upon interaction with stromal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2402-2407.	7.1	195
7	Transforming growth factor- β -induced expression of CD94/NKG2A inhibitory receptors in human T lymphocytes. <i>European Journal of Immunology</i> , 1999, 29, 23-29.	2.9	161
8	Interleukin-15-induced maturation of human natural killer cells from early thymic precursors: selective expression of CD94/NKG2-A as the only HLA class I-specific inhibitory receptor. <i>European Journal of Immunology</i> , 1997, 27, 1374-1380.	2.9	151
9	Engagement of p75/AIRM1 or CD33 inhibits the proliferation of normal or leukemic myeloid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 15091-15096.	7.1	137
10	Surface expression and function of p75/AIRM-1 or CD33 in acute myeloid leukemias: Engagement of CD33 induces apoptosis of leukemic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5764-5769.	7.1	100
11	The corticosteroid-induced inhibitory effect on NK cell function reflects down-regulation and/or dysfunction of triggering receptors involved in natural cytotoxicity. <i>European Journal of Immunology</i> , 2004, 34, 3028-3038.	2.9	83
12	Molecular analysis of the methylprednisolone-mediated inhibition of NK-cell function: evidence for different susceptibility of IL-2 ⁺ versus IL-15 ⁺ activated NK cells. <i>Blood</i> , 2007, 109, 3767-3775.	1.4	73
13	HLA-class I-specific inhibitory receptors in human cytolytic T lymphocytes: molecular characterization, distribution in lymphoid tissues and co-expression by individual T cells. <i>International Immunology</i> , 1997, 9, 485-491.	4.0	72
14	Human NK cells at early stages of differentiation produce CXCL8 and express CD161 molecule that functions as an activating receptor. <i>Blood</i> , 2012, 119, 3987-3996.	1.4	69
15	Human Innate Lymphoid Cells: Their Functional and Cellular Interactions in Decidua. <i>Frontiers in Immunology</i> , 2018, 9, 1897.	4.8	62
16	Expression of HLA class I-specific inhibitory receptors in human cytolytic T lymphocytes: a regulated mechanism that controls T-cell activation and function. <i>Human Immunology</i> , 2000, 61, 44-50.	2.4	54
17	Human innate lymphoid cells. <i>Immunology Letters</i> , 2016, 179, 2-8.	2.5	52
18	Analysis of the activating receptors and cytolytic function of human natural killer cells undergoing in vivo differentiation after allogeneic bone marrow transplantation. <i>European Journal of Immunology</i> , 2004, 34, 455-460.	2.9	48

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19	p75/AIRM1 and CD33, two sialoadhesin receptors that regulate the proliferation or the survival of normal and leukemic myeloid cells. <i>Immunological Reviews</i> , 2001, 181, 260-268.	6.0	47
20	NK Cells and Other Innate Lymphoid Cells in Hematopoietic Stem Cell Transplantation. <i>Frontiers in Immunology</i> , 2016, 7, 188.	4.8	45
21	Human natural killer cells: news in the therapy of solid tumors and high-risk leukemias. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 465-476.	4.2	34
22	Methylprednisolone induces preferential and rapid differentiation of CD34+ cord blood precursors toward NK cells. <i>International Immunology</i> , 2008, 20, 565-575.	4.0	30
23	MSC and innate immune cell interactions: A lesson from human decidua. <i>Immunology Letters</i> , 2015, 168, 170-174.	2.5	26
24	Phenotypic and functional analysis of the HLA-class I-specific inhibitory receptors of natural killer cells isolated from peripheral blood of patients undergoing bone marrow transplantation from matched unrelated donors. <i>The Hematology Journal</i> , 2000, 1, 136-144.	1.4	25
25	IL-1 β inhibits ILC3 while favoring NK cell maturation of umbilical cord blood CD34 ⁺ precursors. <i>European Journal of Immunology</i> , 2015, 45, 2061-2071.	2.9	21
26	Human natural killer cells undergoing in vivo differentiation after allogeneic bone marrow transplantation: analysis of the surface expression and function of activating NK receptors. <i>Molecular Immunology</i> , 2005, 42, 405-411.	2.2	19
27	Effect of superantigens on human thymocytes: selective proliferation of V β 2 ⁺ cells in response to toxic shock syndrome toxin-1 and their deletion upon secondary stimulation. <i>International Immunology</i> , 1996, 8, 203-209.	4.0	18
28	Tumor Microenvironment and Hydrogel-Based 3D Cancer Models for In Vitro Testing Immunotherapies. <i>Cancers</i> , 2022, 14, 1013.	3.7	17
29	Effect of Tyrosin Kinase Inhibitors on NK Cell and ILC3 Development and Function. <i>Frontiers in Immunology</i> , 2018, 9, 2433.	4.8	15
30	IL-1 β -releasing human acute myeloid leukemia blasts modulate natural killer cell differentiation from CD34 ⁺ precursors. <i>Haematologica</i> , 2015, 100, e42-e45.	3.5	14
31	Targeted Therapies: Friends or Foes for Patient's NK Cell-Mediated Tumor Immune-Surveillance?. <i>Cancers</i> , 2020, 12, 774.	3.7	10
32	EZH1/2 Inhibitors Favor ILC3 Development from Human HSPC-CD34 ⁺ Cells. <i>Cancers</i> , 2021, 13, 319.	3.7	9
33	Inhibitory receptors for HLA class I molecules on cytolytic T lymphocytes. <i>International Journal of Clinical and Laboratory Research</i> , 1997, 27, 87-94.	1.0	5
34	Regulation of myeloid cell proliferation and survival by p75/AIRM1 and CD33 surface receptors. <i>Advances in Experimental Medicine and Biology</i> , 2001, 495, 55-61.	1.6	4
35	Isolation, Expansion, and Characterization of Natural Killer Cells and Their Precursors as a Tool to Study Cancer Immunosurveillance. <i>Methods in Molecular Biology</i> , 2019, 1884, 87-117.	0.9	3
36	Plasticity of NK-cell differentiation. <i>Blood</i> , 2011, 117, 3482-3483.	1.4	2

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37	HLA class-I-specific inhibitory receptor in human T lymphocytes: Interference with T-cell functions. Research in Immunology, 1997, 148, 150-155.	0.9	1
38	HLA-Class I-Specific Inhibitory Receptors of NK Type on a Subset of Human T Cells. Chemical Immunology and Allergy, 1996, 64, 135-145.	1.7	0