

Silvia Parolini

List of Publications by Year in descending order

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64
papers

6,423
citations

109264

35
h-index

114418

63
g-index

65
all docs

65
docs citations

65
times ranked

7332
citing authors

#	ARTICLE	IF	CITATIONS
1	Lack of DOCK8 impairs the primary biologic functions of human NK cells and abrogates CCR7 surface expression in a WASP-independent manner. <i>Clinical Immunology</i> , 2022, 237, 108974.	1.4	2
2	Combined immunodeficiency with autoimmunity caused by a homozygous missense mutation in inhibitor of nuclear factor κ B kinase alpha (IKK α). <i>Science Immunology</i> , 2021, 6, eabf6723.	5.6	6
3	Natural killer cell impairment in ovarian clear cell carcinoma. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1425-1434.	1.5	3
4	From Natural Killer Cell Receptor Discovery to Characterization of Natural Killer Cell Defects in Primary Immunodeficiencies. <i>Frontiers in Immunology</i> , 2019, 10, 1757.	2.2	2
5	The RAC2-PI3K axis regulates human NK cell maturation and function. <i>Clinical Immunology</i> , 2019, 208, 108257.	1.4	11
6	Strengthening the AntiTumor NK Cell Function for the Treatment of Ovarian Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 890.	1.8	34
7	A monoallelic activating mutation in RAC2 resulting in a combined immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1649-1653.e3.	1.5	37
8	In vitro treatment with concentrated growth factors (CGF) and sodium orthosilicate positively affects cell renewal in three different human cell lines. <i>Cell Biology International</i> , 2018, 42, 353-364.	1.4	22
9	CTLA-4 regulates human Natural Killer cell effector functions. <i>Clinical Immunology</i> , 2018, 194, 43-45.	1.4	30
10	Response to the Letter to the Editor Regarding "Functional evaluation of natural killer cell cytotoxic activity in NFKB-2 mutated patients". <i>Immunology Letters</i> , 2018, 200, 16-17.	1.1	0
11	Identification of a subset of human natural killer cells expressing high levels of programmed death 1: A phenotypic and functional characterization. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 335-346.e3.	1.5	379
12	Impaired natural killer cell functions in patients with signal transducer and activator of transcription 1 (STAT1) gain-of-function mutations. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 553-564.e4.	1.5	58
13	NFKB1 regulates human NK cell maturation and effector functions. <i>Clinical Immunology</i> , 2017, 175, 99-108.	1.4	38
14	Natural Killer Cells from Patients with Recombinase-Activating Gene and Non-Homologous End Joining Gene Defects Comprise a Higher Frequency of CD56bright NKG2A+++ Cells, and Yet Display Increased Degranulation and Higher Perforin Content. <i>Frontiers in Immunology</i> , 2017, 8, 798.	2.2	41
15	p85 β is an intrinsic regulator of human natural killer cell effector functions. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 605-608.e3.	1.5	7
16	Natural killer cell hyporesponsiveness and impaired development in a CD247-deficient patient. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 942-945.e4.	1.5	12
17	Pseudorabies Virus US3 Protein Kinase Protects Infected Cells from NK Cell-Mediated Lysis via Increased Binding of the Inhibitory NK Cell Receptor CD300a. <i>Journal of Virology</i> , 2016, 90, 1522-1533.	1.5	26
18	Inherited DOCK2 Deficiency in Patients with Early-Onset Invasive Infections. <i>New England Journal of Medicine</i> , 2015, 372, 2409-2422.	13.9	169

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19	Defective natural killer cell cytotoxic activity in NFKB2-mutated CVID-like disease. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1641-1643.e3.	1.5	68
20	B7-H6-mediated downregulation of NKp30 in NK cells contributes to ovarian carcinoma immune escape. <i>OncolImmunology</i> , 2015, 4, e1001224.	2.1	137
21	Primitive Neuroectodermal Tumor in an Ovarian Cystic Teratoma: Natural Killer and Neuroblastoma Cell Analysis. <i>Case Reports in Oncology</i> , 2014, 7, 70-78.	0.3	12
22	Effects of opioid therapy on human natural killer cells. <i>International Immunopharmacology</i> , 2014, 18, 169-174.	1.7	24
23	XLP1 inhibitory effect by B220 ⁺ does not affect DNAM1 and NKG2D activating pathways in NK cells. <i>European Journal of Immunology</i> , 2014, 44, 1526-1534.	1.6	20
24	Activin A as a Mediator of NK-Dendritic Cell Functional Interactions. <i>Journal of Immunology</i> , 2014, 192, 1241-1248.	0.4	27
25	Diagnosing XLP1 in patients with hemophagocytic lymphohistiocytosis. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1381-1387.e7.	1.5	14
26	Clinical, laboratory and molecular signs of immunodeficiency in patients with partial oculo-cutaneous albinism. <i>Orphanet Journal of Rare Diseases</i> , 2013, 8, 168.	1.2	70
27	Occurrence of Nodular Lymphocyte-Predominant Hodgkin Lymphoma in Hermansky-Pudlak Type 2 Syndrome Is Associated to Natural Killer and Natural Killer T Cell Defects. <i>PLoS ONE</i> , 2013, 8, e80131.	1.1	34
28	A novel primary human immunodeficiency due to deficiency in the WASP-interacting protein WIP. <i>Journal of Experimental Medicine</i> , 2012, 209, 29-34.	4.2	158
29	Exome sequencing reveals a pallidin mutation in a Hermansky-Pudlak-like primary immunodeficiency syndrome. <i>Blood</i> , 2012, 119, 3185-3187.	0.6	76
30	A novel primary human immunodeficiency due to deficiency in the WASP-interacting protein WIP. <i>Journal of Cell Biology</i> , 2012, 196, i1-i1.	2.3	0
31	NK cells and their receptors during viral infections. <i>Immunotherapy</i> , 2011, 3, 1075-1086.	1.0	25
32	Severe impairment of IFN- γ and IFN- α responses in cells of a patient with a novel STAT1 splicing mutation. <i>Blood</i> , 2011, 118, 1806-1817.	0.6	84
33	GPR56 as a novel marker identifying the CD56 ^{dim} CD16 ⁺ NK cell subset both in blood stream and in inflamed peripheral tissues. <i>International Immunology</i> , 2010, 22, 91-100.	1.8	33
34	NK cells at the interface between innate and adaptive immunity. <i>Cell Death and Differentiation</i> , 2008, 15, 226-233.	5.0	291
35	The role of chemerin in the colocalization of NK and dendritic cell subsets into inflamed tissues. <i>Blood</i> , 2007, 109, 3625-3632.	0.6	336
36	Functional characterization of natural killer cells in type I leukocyte adhesion deficiency. <i>Blood</i> , 2007, 109, 4873-4881.	0.6	29

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37	Novel insights from adaptor protein 3 complex deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 735-741.	1.5	51
38	Innate immunity defects in Hermansky-Pudlak type 2 syndrome. <i>Blood</i> , 2006, 107, 4857-4864.	0.6	136
39	Reduced thymic output, increased spontaneous apoptosis and oligoclonal B cells in polyethylene glycol-adenosine deaminase-treated patients. <i>European Journal of Immunology</i> , 2005, 35, 3376-3386.	1.6	59
40	Distinctive Lack of CD48 Expression in Subsets of Human Dendritic Cells Tunes NK Cell Activation. <i>Journal of Immunology</i> , 2005, 175, 3690-3697.	0.4	26
41	IL-12 or IL-4 Prime Human NK Cells to Mediate Functionally Divergent Interactions with Dendritic Cells or Tumors. <i>Journal of Immunology</i> , 2005, 174, 3992-3998.	0.4	117
42	Impaired natural and CD16-mediated NK cell cytotoxicity in patients with WAS and XLT: ability of IL-2 to correct NK cell functional defect. <i>Blood</i> , 2004, 104, 436-443.	0.6	130
43	Selective cross-talk among natural cytotoxicity receptors in human natural killer cells. <i>European Journal of Immunology</i> , 2003, 33, 1235-1241.	1.6	77
44	CD59 is physically and functionally associated with natural cytotoxicity receptors and activates human NK cell-mediated cytotoxicity. <i>European Journal of Immunology</i> , 2003, 33, 3367-3376.	1.6	77
45	IL-21 induces both rapid maturation of human CD34+ cell precursors towards NK cells and acquisition of surface killer Ig-like receptors. <i>European Journal of Immunology</i> , 2003, 33, 3439-3447.	1.6	166
46	Killer cell immunoglobulin-like receptor expression delineates in situ X-linked lymphoproliferative disease lymphocytes. <i>Journal of Pathology</i> , 2003, 199, 77-83.	2.1	47
47	Early expression of triggering receptors and regulatory role of 2B4 in human natural killer cell precursors undergoing in vitro differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4526-4531.	3.3	174
48	Cellular and molecular pathogenesis of X-linked lymphoproliferative disease. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2001, 1, 513-517.	1.1	7
49	Human natural killer cell receptors and co-receptors. <i>Immunological Reviews</i> , 2001, 181, 203-214.	2.8	273
50	Identification of NKp80, a novel triggering molecule expressed by human NK cells. <i>European Journal of Immunology</i> , 2001, 31, 233-242.	1.6	185
51	Gntb-A, a Novel Sh2d1a-Associated Surface Molecule Contributing to the Inability of Natural Killer Cells to Kill Epstein-Barr Virus-Infected B Cells in X-Linked Lymphoproliferative Disease. <i>Journal of Experimental Medicine</i> , 2001, 194, 235-246.	4.2	287
52	X-linked lymphoproliferative disease: the dark side of 2b4 function. <i>Advances in Experimental Medicine and Biology</i> , 2001, 495, 63-67.	0.8	3
53	2B4 functions as a co-receptor in human NK cell activation. <i>European Journal of Immunology</i> , 2000, 30, 787-793.	1.6	202
54	Involvement of natural cytotoxicity receptors in human natural killer cell-mediated lysis of neuroblastoma and glioblastoma cell lines. <i>Journal of Neuroimmunology</i> , 2000, 107, 220-225.	1.1	103

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55	X-Linked Lymphoproliferative Disease. <i>Journal of Experimental Medicine</i> , 2000, 192, 337-346.	4.2	438
56	Triggering receptors involved in natural killer cell-mediated cytotoxicity against choriocarcinoma cell lines. <i>Human Immunology</i> , 2000, 61, 1055-1058.	1.2	71
57	Identification and Molecular Characterization of Nkp30, a Novel Triggering Receptor Involved in Natural Cytotoxicity Mediated by Human Natural Killer Cells. <i>Journal of Experimental Medicine</i> , 1999, 190, 1505-1516.	4.2	664
58	NKp44, A Triggering Receptor Involved in Tumor Cell Lysis by Activated Human Natural Killer Cells, Is a Novel Member of the Immunoglobulin Superfamily. <i>Journal of Experimental Medicine</i> , 1999, 189, 787-796.	4.2	396
59	The leukocyte Ig-like receptor (LIR)-1 for the cytomegalovirus UL18 protein displays a broad specificity for different HLA class I alleles: analysis of LIR-1+ NK cell clones. <i>International Immunology</i> , 1999, 11, 29-35.	1.8	98
60	Linker for Activation of T Cells (LAT), a Novel Immunohistochemical Marker for T Cells, NK Cells, Mast Cells, and Megakaryocytes. <i>American Journal of Pathology</i> , 1999, 154, 1037-1046.	1.9	46
61	FUNCTION AND SPECIFICITY OF HUMAN NATURAL KILLER CELL RECEPTORS. <i>International Journal of Immunogenetics</i> , 1997, 24, 455-468.	1.2	7
62	Basic Fibroblast Growth Factor-Induced Angiogenic Phenotype in Mouse Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 454-464.	1.1	108
63	Up-regulation of urokinase-type plasminogen activator in squamous cell carcinoma of human larynx. <i>British Journal of Cancer</i> , 1996, 74, 1168-1174.	2.9	18
64	CD94 functions as a natural killer cell inhibitory receptor for different HLA class I alleles: identification of the inhibitory form of CD94 by the use of novel monoclonal antibodies. <i>European Journal of Immunology</i> , 1996, 26, 2487-2492.	1.6	130