

Guido Ferlazzo

List of Publications by Citations

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

114
papers

7,552
citations

40
h-index

86
g-index

118
ext. papers

8,477
ext. citations

5.5
avg, IF

5.75
L-index

#	Paper	IF	Citations
114	Human dendritic cells activate resting natural killer (NK) cells and are recognized via the NKp30 receptor by activated NK cells. <i>Journal of Experimental Medicine</i> , 2002 , 195, 343-51	16.6	807
113	A think tank of TINK/TANKs: tumor-infiltrating/tumor-associated natural killer cells in tumor progression and angiogenesis. <i>Journal of the National Cancer Institute</i> , 2014 , 106, dju200	9.7	593
112	The abundant NK cells in human secondary lymphoid tissues require activation to express killer cell Ig-like receptors and become cytolytic. <i>Journal of Immunology</i> , 2004 , 172, 1455-62	5.3	460
111	Distinct roles of IL-12 and IL-15 in human natural killer cell activation by dendritic cells from secondary lymphoid organs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 16606-11	11.5	454
110	CD56brightCD16- killer Ig-like receptor- NK cells display longer telomeres and acquire features of CD56dim NK cells upon activation. <i>Journal of Immunology</i> , 2007 , 178, 4947-55	5.3	383
109	Natural killer cells infiltrating human nonsmall-cell lung cancer are enriched in CD56 bright CD16(-) cells and display an impaired capability to kill tumor cells. <i>Cancer</i> , 2008 , 112, 863-75	6.4	268
108	NK cell compartments and their activation by dendritic cells. <i>Journal of Immunology</i> , 2004 , 172, 1333-9	5.3	242
107	NK cells at the interface between innate and adaptive immunity. <i>Cell Death and Differentiation</i> , 2008 , 15, 226-33	12.7	239
106	Effector and regulatory events during natural killer-dendritic cell interactions. <i>Immunological Reviews</i> , 2006 , 214, 219-28	11.3	235
105	The natural killer cell-mediated killing of autologous dendritic cells is confined to a cell subset expressing CD94/NKG2A, but lacking inhibitory killer Ig-like receptors. <i>European Journal of Immunology</i> , 2003 , 33, 1657-66	6.1	216
104	CD62L expression identifies a unique subset of polyfunctional CD56dim NK cells. <i>Blood</i> , 2010 , 116, 1299-307	20.7	206
103	The interaction between NK cells and dendritic cells in bacterial infections results in rapid induction of NK cell activation and in the lysis of uninfected dendritic cells. <i>European Journal of Immunology</i> , 2003 , 33, 306-13	6.1	184
102	The proangiogenic phenotype of natural killer cells in patients with non-small cell lung cancer. <i>Neoplasia</i> , 2013 , 15, 133-42	6.4	148
101	NCR(+)ILC3 concentrate in human lung cancer and associate with intratumoral lymphoid structures. <i>Nature Communications</i> , 2015 , 6, 8280	17.4	147
100	Multipotent mesenchymal stromal cells from amniotic fluid: solid perspectives for clinical application. <i>Haematologica</i> , 2008 , 93, 339-46	6.6	137
99	CD56(bright)perforin(low) noncytotoxic human NK cells are abundant in both healthy and neoplastic solid tissues and recirculate to secondary lymphoid organs via afferent lymph. <i>Journal of Immunology</i> , 2014 , 192, 3805-15	5.3	131
98	NK cells of human secondary lymphoid tissues enhance T cell polarization via IFN-gamma secretion. <i>European Journal of Immunology</i> , 2006 , 36, 2394-400	6.1	115

97	Natural killer cell distribution and trafficking in human tissues. <i>Frontiers in Immunology</i> , 2012 , 3, 347	8.4	110
96	Mature myeloid dendritic cell subsets have distinct roles for activation and viability of circulating human natural killer cells. <i>Blood</i> , 2005 , 105, 266-73	2.2	103
95	The engagement of CTLA-4 on primary melanoma cell lines induces antibody-dependent cellular cytotoxicity and TNF- β production. <i>Journal of Translational Medicine</i> , 2013 , 11, 108	8.5	101
94	Cross-Talks between Natural Killer Cells and Distinct Subsets of Dendritic Cells. <i>Frontiers in Immunology</i> , 2014 , 5, 159	8.4	101
93	Human NK cells of mice with reconstituted human immune system components require preactivation to acquire functional competence. <i>Blood</i> , 2010 , 116, 4158-67	2.2	88
92	Distinct gut-derived lactic acid bacteria elicit divergent dendritic cell-mediated NK cell responses. <i>International Immunology</i> , 2007 , 19, 1319-27	4.9	84
91	Mucosal immunology and probiotics. <i>Current Allergy and Asthma Reports</i> , 2013 , 13, 19-26	5.6	79
90	Dendritic cell editing by activated natural killer cells results in a more protective cancer-specific immune response. <i>PLoS ONE</i> , 2012 , 7, e39170	3.7	78
89	CTLA-4 is expressed by human monocyte-derived dendritic cells and regulates their functions. <i>Human Immunology</i> , 2010 , 71, 934-41	2.3	70
88	Role of natural killer and dendritic cell crosstalk in immunomodulation by commensal bacteria probiotics. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 473097		69
87	HLA class I molecule expression is up-regulated during maturation of dendritic cells, protecting them from natural killer cell-mediated lysis. <i>Immunology Letters</i> , 2001 , 76, 37-41	4.1	67
86	Vitamin D and inflammatory bowel disease. <i>BioMed Research International</i> , 2015 , 2015, 470805	3	64
85	Cross-dressing: an alternative mechanism for antigen presentation. <i>Immunology Letters</i> , 2015 , 168, 349-54	4.1	63
84	Molecular Mechanisms Directing Migration and Retention of Natural Killer Cells in Human Tissues. <i>Frontiers in Immunology</i> , 2018 , 9, 2324	8.4	62
83	A non-canonical adenosinergic pathway led by CD38 in human melanoma cells induces suppression of T cell proliferation. <i>Oncotarget</i> , 2015 , 6, 25602-18	3.3	60
82	Dendritic cells generated from CD34+ progenitor cells with flt3 ligand, c-kit ligand, GM-CSF, IL-4, and TNF-alpha are functional antigen-presenting cells resembling mature monocyte-derived dendritic cells. <i>Journal of Immunotherapy</i> , 2000 , 23, 48-58	5	56
81	The immune inhibitory receptor LAIR-1 is highly expressed by plasmacytoid dendritic cells and acts complementary with NKp44 to control IFN β production. <i>PLoS ONE</i> , 2010 , 5, e15080	3.7	54
80	Dendritic cells efficiently cross-prime HLA class I-restricted cytolytic T lymphocytes when pulsed with both apoptotic and necrotic cells but not with soluble cell-derived lysates. <i>International Immunology</i> , 2000 , 12, 1741-7	4.9	51

79	Dendritic cell interactions with NK cells from different tissues. <i>Journal of Clinical Immunology</i> , 2009 , 29, 265-73	5.7	49
78	Engagement of CD33 surface molecules prevents the generation of dendritic cells from both monocytes and CD34+ myeloid precursors. <i>European Journal of Immunology</i> , 2000 , 30, 827-33	6.1	42
77	NK cells provide helper signal for CD8+ T cells by inducing the expression of membrane-bound IL-15 on DCs. <i>International Immunology</i> , 2009 , 21, 599-606	4.9	41
76	Role of natural killer cells in the pathogenesis and progression of multiple sclerosis. <i>Pharmacological Research</i> , 2008 , 57, 1-5	10.2	41
75	Human antigen-presenting cells respond differently to gut-derived probiotic bacteria but mediate similar strain-dependent NK and T cell activation. <i>FEMS Immunology and Medical Microbiology</i> , 2007 , 51, 535-46		40
74	Dendritic cell editing by natural killer cells. <i>Critical Reviews in Oncogenesis</i> , 2014 , 19, 67-75	1.3	39
73	Human NK cells and NK receptors. <i>Immunology Letters</i> , 2014 , 161, 168-73	4.1	38
72	An Historical Overview: The Discovery of How NK Cells Can Kill Enemies, Recruit Defense Troops, and More. <i>Frontiers in Immunology</i> , 2019 , 10, 1415	8.4	37
71	Human natural killer cell function and their interactions with dendritic cells. <i>Vaccine</i> , 2003 , 21 Suppl 2, S38-42	4.1	34
70	Natural killer and dendritic cell liaison: recent insights and open questions. <i>Immunology Letters</i> , 2005 , 101, 12-7	4.1	34
69	Arginase 2 is expressed by human lung cancer, but it neither induces immune suppression, nor affects disease progression. <i>International Journal of Cancer</i> , 2008 , 123, 1108-16	7.5	33
68	Susceptibility of human melanoma cells to autologous natural killer (NK) cell killing: HLA-related effector mechanisms and role of unlicensed NK cells. <i>PLoS ONE</i> , 2009 , 4, e8132	3.7	32
67	Curcumin ameliorates the in vitro efficacy of carfilzomib in human multiple myeloma U266 cells targeting p53 and NF- κ B pathways. <i>Toxicology in Vitro</i> , 2018 , 47, 186-194	3.6	31
66	Membrane transfer from tumor cells overcomes deficient phagocytic ability of plasmacytoid dendritic cells for the acquisition and presentation of tumor antigens. <i>Journal of Immunology</i> , 2014 , 192, 824-32	5.3	30
65	Potential effects of vaccinations on the prevention of COVID-19: rationale, clinical evidence, risks, and public health considerations. <i>Expert Review of Vaccines</i> , 2020 , 19, 919-936	5.2	30
64	T lymphocytes express B7 family molecules following interaction with dendritic cells and acquire bystander costimulatory properties. <i>European Journal of Immunology</i> , 2002 , 32, 3092-101	6.1	28
63	Curcumin potentiates the antitumor activity of Paclitaxel in rat glioma C6 cells. <i>Phytomedicine</i> , 2019 , 55, 23-30	6.5	27
62	Cognate HLA absence in trans diminishes human NK cell education. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3772-3782	15.9	27

61	Klebsiella pneumoniae-triggered DC recruit human NK cells in a CCR5-dependent manner leading to increased CCL19-responsiveness and activation of NK cells. <i>European Journal of Immunology</i> , 2010 , 40, 3138-49	6.1	25
60	Seroma fluid subsequent to axillary lymph node dissection for breast cancer derives from an accumulation of afferent lymph. <i>Immunology Letters</i> , 2010 , 131, 67-72	4.1	25
59	Natural killer cells in the innate immunity network of atherosclerosis. <i>Immunology Letters</i> , 2015 , 168, 51-7	4.1	24
58	The Yin and Yang of Innate Lymphoid Cells in Cancer. <i>Immunology Letters</i> , 2016 , 179, 29-35	4.1	24
57	Interleukins 12 and 15 induce cytotoxicity and early NK-cell differentiation in type 3 innate lymphoid cells. <i>Blood Advances</i> , 2017 , 1, 2679-2691	7.8	24
56	Novel perspectives on dendritic cell-based immunotherapy of cancer. <i>Immunology Letters</i> , 2013 , 155, 6-10	4.1	23
55	Distinctive lack of CD48 expression in subsets of human dendritic cells tunes NK cell activation. <i>Journal of Immunology</i> , 2005 , 175, 3690-7	5.3	23
54	Association Between Response to Nivolumab Treatment and Peripheral Blood Lymphocyte Subsets in Patients With Non-small Cell Lung Cancer. <i>Frontiers in Immunology</i> , 2020 , 11, 125	8.4	22
53	Natural Killers Are Made Not Born: How to Exploit NK Cells in Lung Malignancies. <i>Frontiers in Immunology</i> , 2017 , 8, 277	8.4	22
52	A mixture of bacterial mechanical lysates is more efficient than single strain lysate and of bacterial-derived soluble products for the induction of an activating phenotype in human dendritic cells. <i>Immunology Letters</i> , 2011 , 138, 86-91	4.1	21
51	The anti-tumor activity of bacillus Calmette-Guerin in bladder cancer is associated with an increase in the circulating level of interleukin-2. <i>Immunology Letters</i> , 2002 , 81, 235-8	4.1	20
50	Divergent signaling pathways regulate IL-12 production induced by different species of Lactobacilli in human dendritic cells. <i>Immunology Letters</i> , 2015 , 166, 6-12	4.1	19
49	Flavonoid profile, antioxidant and cytotoxic activity of different extracts from Algerian Rhamnus alaternus L. bark. <i>Pharmacognosy Magazine</i> , 2015 , 11, S102-9	0.8	19
48	Mechanical bacterial lysate administration prevents exacerbation in allergic asthmatic children-The EOLIA study. <i>Pediatric Allergy and Immunology</i> , 2018 , 29, 394-401	4.2	18
47	Symptomatic Carotid Atherosclerotic Plaques Are Associated With Increased Infiltration of Natural Killer (NK) Cells and Higher Serum Levels of NK Activating Receptor Ligands. <i>Frontiers in Immunology</i> , 2019 , 10, 1503	8.4	18
46	T cell polarizing properties of probiotic bacteria. <i>Immunology Letters</i> , 2015 , 168, 337-42	4.1	18
45	Characterization of human afferent lymph dendritic cells from seroma fluids. <i>Journal of Immunology</i> , 2013 , 191, 4858-66	5.3	18
44	A phase I study of intravesical continuous perfusion of recombinant interleukin-2 in patients with superficial bladder cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 1995 , 18, 100-4	2.7	18

43	Attenuated immune control of Epstein-Barr virus in humanized mice is associated with the multiple sclerosis risk factor HLA-DR15. <i>European Journal of Immunology</i> , 2021 , 51, 64-75	6.1	18
42	MiRNA expression profiling in human gliomas: upregulated miR-363 increases cell survival and proliferation. <i>Tumor Biology</i> , 2016 , 37, 14035-14048	2.9	17
41	Intralesional sonographically guided injections of lymphokine-activated killer cells and recombinant interleukin-2 for the treatment of liver tumors: a pilot study. <i>Journal of Immunotherapy</i> , 1997 , 20, 158-63 ⁵		13
40	Adherent neoplastic cells grown at confluence downregulate HLA class I expression and enhance their susceptibility to lysis mediated by natural killer cells. <i>Tissue Antigens</i> , 1997 , 50, 459-65		13
39	Phenotypic, functional and molecular analysis of lymphocytes associated with bladder cancer. <i>Cancer Immunology, Immunotherapy</i> , 1996 , 42, 47-54	7.4	13
38	IFN-alpha mediates the up-regulation of HLA class I on melanoma cells without switching proteasome to immunoproteasome. <i>International Immunology</i> , 2003 , 15, 1415-21	4.9	11
37	In vitro VLA-4 blockade results in an impaired NK cell-mediated immune surveillance against melanoma. <i>Immunology Letters</i> , 2017 , 181, 109-115	4.1	10
36	Expansion of natural killer cells in patients with head and neck cancer: detection of "noninhibitory" (activating) killer Ig-like receptors on circulating natural killer cells. <i>Head and Neck</i> , 2003 , 25, 297-305	4.2	9
35	Myeloma cells induce the accumulation of activated CD94 ^{low} NK cells by cell-to-cell contacts involving CD56 molecules. <i>Blood Advances</i> , 2020 , 4, 2297-2307	7.8	9
34	Acquisition and Presentation of Tumor Antigens by Dendritic Cells. <i>Critical Reviews in Immunology</i> , 2015 , 35, 349-64	1.8	8
33	cells in immunity: Plasmacytoid DCs dress up as cancer cells. <i>Oncolimmunology</i> , 2014 , 3, e28184	7.2	7
32	Therapeutic Implications of Tumor Microenvironment in Lung Cancer: Focus on Immune Checkpoint Blockade.. <i>Frontiers in Immunology</i> , 2021 , 12, 799455	8.4	7
31	Isolation and analysis of human natural killer cell subsets. <i>Methods in Molecular Biology</i> , 2008 , 415, 197-213	2.1	7
30	Changes in plasma 5-HT levels and equine leukocyte SERT expression in response to treadmill exercise. <i>Research in Veterinary Science</i> , 2018 , 118, 184-190	2.5	6
29	In vivo evidence for dendritic cell lysis by NK cells: Hints on improving cancer vaccines by targeting NK cell activation. <i>Oncolimmunology</i> , 2012 , 1, 1635-1636	7.2	6
28	Human Hepatitis B Virus Negatively Impacts the Protective Immune Crosstalk Between Natural Killer and Dendritic Cells. <i>Hepatology</i> , 2021 , 74, 550-565	11.2	5
27	Monocyte to HDL ratio: a novel marker of resistant hypertension in CKD patients. <i>International Urology and Nephrology</i> , 2021 , 1	2.3	5
26	HLA-C*17 in COVID-19 patients: Hints for associations with severe clinical outcome and cardiovascular risk. <i>Immunology Letters</i> , 2021 , 234, 44-46	4.1	5

25	ILC in chronic inflammation, cancer and targeting with biologicals. <i>Molecular Aspects of Medicine</i> , 2021 , 80, 100963	16.7	5
24	Influence of Vitamin D in Advanced Non-Small Cell Lung Cancer Patients Treated with Nivolumab. <i>Cancers</i> , 2019 , 11,	6.6	4
23	Dendritic cell recognition by group 3 innate lymphoid cells through DNAX accessory molecule 1 triggers proinflammatory reciprocal cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1118-1122.e6	11.5	4
22	Principles of NK Cell/DC Crosstalk: The Importance of Cell Dialogue for a Protective Immune Response. <i>Transfusion Medicine and Hemotherapy</i> , 2006 , 33, 50-57	4.2	4
21	Cytotoxic properties of CD4(+) T-cell clones which lyse HLA class II negative autologous non-small-cell lung cancer cells. <i>Cellular Immunology</i> , 1999 , 196, 87-94	4.4	4
20	Cytotoxic Effects of High Energy Shock Waves on Cancer Cells Linked to Metallic Beads Vehicled by Monoclonal Antibodies. <i>Journal of Urology</i> , 1997 , 157, 366-370	2.5	3
19	Update on natural killer cells: cross-talk with dendritic cells and role in the cure of acute myeloid leukemias. <i>Cancer Journal (Sudbury, Mass)</i> , 2003 , 9, 232-7	2.2	3
18	Analysis of HLA-class-I specific natural killer cell receptors expressed on T lymphocytes infiltrating non-small-cell lung cancer. <i>Lung Cancer</i> , 2001 , 34, 395-405	5.9	3
17	Th17 skewing in the GALT of a Crohn disease patient upon Lactobacillus rhamnosus GG consumption. <i>Immunology Letters</i> , 2016 , 170, 95-7	4.1	2
16	Detection of MAGE-1, -2, and -3 messenger RNA in tissue samples derived from lung and mammary tumors. <i>Annals of the New York Academy of Sciences</i> , 1996 , 784, 448-52	6.5	2
15	Circulating ILC precursors expressing CD62L exhibit a type 2 signature distinctly decreased in psoriatic patients. <i>European Journal of Immunology</i> , 2021 , 51, 1792-1798	6.1	2
14	A multivariate analysis of Multiple Myeloma subtype plasma cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 258, 119813	4.4	2
13	FITC-Labelled Clone from Phage Display for Direct Detection of Leukemia Cells in Blood. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 165-172	0.2	1
12	Clinical drug response to thiopurines is associated to a lower interferon- γ production by IBD patient's T lymphocytes. <i>Journal of Crohns and Colitis</i> , 2013 , 7, e497-8	1.5	1
11	Natural killer cells and cross-talk with dendritic cells. <i>Clinical and Experimental Allergy Reviews</i> , 2004 , 4, 135-139		1
10	Correlation between Hyperkalemia and the Duration of Several Hospitalizations in Patients with Chronic Kidney Disease.. <i>Journal of Clinical Medicine</i> , 2022 , 11,	5.1	1
9	Safety profile of immune checkpoint inhibitors: An analysis of the Italian spontaneous reporting system database. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 527-541	3.8	1
8	Chitosan-Hyaluronan Nanoparticles for Vinblastine Sulfate Delivery: Characterization and Internalization Studies on K-562 Cells. <i>Pharmaceutics</i> , 2022 , 14, 942	6.4	1

- 7 Identification of natural killer cells in tissues and their isolation **2010**, 417-431
- 6 Interactions Between NK Cells and Dendritic Cells **2010**, 299-313
- 5 Interactions between natural killer and dendritic cells during bacterial infections 119-138
- 4 Biological parameters in breast cancer. *Annals of the New York Academy of Sciences*, **1996**, 784, 521-4 6.5
- 3 On immunostimulants and dendritic cell activation. *Immunology Letters*, **2021**, 232, 45-47 4.1
- 2 REPLY. *Hepatology*, **2021**, 74, 2326-2327 11.2
- 1 Phage-Phenotype Imaging of Myeloma Plasma Cells by Phage Display. *Applied Sciences (Switzerland)*, **2021**, 11, 7910 2.6