

# Guido Ferlazzo

## List of Publications by Year in descending order

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117  
papers

9,145  
citations

57758

44  
h-index

40979

93  
g-index

118  
all docs

118  
docs citations

118  
times ranked

11801  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 343-351.	8.5	877
2	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, 1-13.	6.3	649
3	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, 1455-1462.	0.8	523
4	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, 16606-16611.	7.1	508
5	CD56 <sup>bright</sup> CD16 <sup>low</sup> Killer Ig-Like Receptor <sup>+</sup> NK Cells Display Longer Telomeres and Acquire Features of CD56 <sup>dim</sup> NK Cells upon Activation. <i>Journal of Immunology</i> , 2007, 178, 4947-4955.	0.8	430
6	Natural killer cells infiltrating human nonsmall-cell lung cancer are enriched in CD56 <sup>bright</sup> CD16 <sup>low</sup> cells and display an impaired capability to kill tumor cells. <i>Cancer</i> , 2008, 112, 863-875.	4.1	321
7	NK cells at the interface between innate and adaptive immunity. <i>Cell Death and Differentiation</i> , 2008, 15, 226-233.	11.2	291
8	NK Cell Compartments and Their Activation by Dendritic Cells. <i>Journal of Immunology</i> , 2004, 172, 1333-1339.	0.8	271
9	Effector and regulatory events during natural killer-dendritic cell interactions. <i>Immunological Reviews</i> , 2006, 214, 219-228.	6.0	261
10	CD62L expression identifies a unique subset of polyfunctional CD56 <sup>dim</sup> NK cells. <i>Blood</i> , 2010, 116, 1299-1307.	1.4	249
11	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, 1657-1666.	2.9	229
12	NCR+ILC3 concentrate in human lung cancer and associate with intratumoral lymphoid structures. <i>Nature Communications</i> , 2015, 6, 8280.	12.8	203
13	CD56 <sup>bright</sup> Perforin <sup>low</sup> 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, 3805-3815.	0.8	197
14	The Proangiogenic Phenotype of Natural Killer Cells in Patients with Non-Small Cell Lung Cancer. <i>Neoplasia</i> , 2013, 15, 133-IN7.	5.3	196
15	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, 306-313.	2.9	195
16	Multipotent mesenchymal stromal cells from amniotic fluid: solid perspectives for clinical application. <i>Haematologica</i> , 2008, 93, 339-346.	3.5	159
17	Natural killer cell distribution and trafficking in human tissues. <i>Frontiers in Immunology</i> , 2012, 3, 347.	4.8	150
18	Cross-Talks between Natural Killer Cells and Distinct Subsets of Dendritic Cells. <i>Frontiers in Immunology</i> , 2014, 5, 159.	4.8	144

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19	The engagement of CTLA-4 on primary melanoma cell lines induces antibody-dependent cellular cytotoxicity and TNF- $\beta$ production. <i>Journal of Translational Medicine</i> , 2013, 11, 108.	4.4	136
20	NK cells of human secondary lymphoid tissues enhance T cell polarization via IFN- $\beta$ secretion. <i>European Journal of Immunology</i> , 2006, 36, 2394-2400.	2.9	131
21	Mature myeloid dendritic cell subsets have distinct roles for activation and viability of circulating human natural killer cells. <i>Blood</i> , 2005, 105, 266-273.	1.4	110
22	Distinct gut-derived lactic acid bacteria elicit divergent dendritic cell-mediated NK cell responses. <i>International Immunology</i> , 2007, 19, 1319-1327.	4.0	104
23	Human NK cells of mice with reconstituted human immune system components require preactivation to acquire functional competence. <i>Blood</i> , 2010, 116, 4158-4167.	1.4	102
24	Molecular Mechanisms Directing Migration and Retention of Natural Killer Cells in Human Tissues. <i>Frontiers in Immunology</i> , 2018, 9, 2324.	4.8	96
25	Dendritic Cell Editing by Activated Natural Killer Cells Results in a More Protective Cancer-Specific Immune Response. <i>PLoS ONE</i> , 2012, 7, e39170.	2.5	95
26	Mucosal Immunology and Probiotics. <i>Current Allergy and Asthma Reports</i> , 2013, 13, 19-26.	5.3	95
27	CTLA-4 is expressed by human monocyte-derived dendritic cells and regulates their functions. <i>Human Immunology</i> , 2010, 71, 934-941.	2.4	92
28	Role of Natural Killer and Dendritic Cell Crosstalk in Immunomodulation by Commensal Bacteria Probiotics. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-10.	3.0	88
29	Cross-dressing: an alternative mechanism for antigen presentation. <i>Immunology Letters</i> , 2015, 168, 349-354.	2.5	86
30	A non-canonical adenosinergic pathway led by CD38 in human melanoma cells induces suppression of T cell proliferation. <i>Oncotarget</i> , 2015, 6, 25602-25618.	1.8	79
31	Vitamin D and Inflammatory Bowel Disease. <i>BioMed Research International</i> , 2015, 2015, 1-16.	1.9	77
32	Therapeutic Implications of Tumor Microenvironment in Lung Cancer: Focus on Immune Checkpoint Blockade. <i>Frontiers in Immunology</i> , 2021, 12, 799455.	4.8	76
33	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.	4.4	72
34	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.	2.5	69
35	The Immune Inhibitory Receptor LAIR-1 Is Highly Expressed by Plasmacytoid Dendritic Cells and Acts Complementary with NKp44 to Control IFN- $\beta$ Production. <i>PLoS ONE</i> , 2010, 5, e15080.	2.5	64
36	Role of natural killer cells in the pathogenesis and progression of multiple sclerosis. <i>Pharmacological Research</i> , 2008, 57, 1-5.	7.1	63

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37	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.	2.4	62
38	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.	4.8	57
39	Dendritic Cell Interactions with NK Cells from Different Tissues. <i>Journal of Clinical Immunology</i> , 2009, 29, 265-273.	3.8	55
40	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.	4.8	53
41	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.	2.9	53
42	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, 1741-1747.	4.0	52
43	Human NK cells and NK receptors. <i>Immunology Letters</i> , 2014, 161, 168-173.	2.5	51
44	Dendritic Cell Editing by Natural Killer Cells. <i>Critical Reviews in Oncogenesis</i> , 2014, 19, 67-75.	0.4	49
45	Curcumin ameliorates the in vitro efficacy of carfilzomib in human multiple myeloma U266 cells targeting p53 and NF- $\kappa$ B pathways. <i>Toxicology in Vitro</i> , 2018, 47, 186-194.	2.4	49
46	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.	4.0	46
47	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, 827-833.	2.9	45
48	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, 535-546.	2.7	42
49	Human natural killer cell function and their interactions with dendritic cells. <i>Vaccine</i> , 2003, 21, S38-S42.	3.8	41
50	Curcumin potentiates the antitumor activity of Paclitaxel in rat glioma C6 cells. <i>Phytomedicine</i> , 2019, 55, 23-30.	5.3	40
51	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.	5.2	38
52	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, 1108-1116.	5.1	37
53	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.	2.5	36
54	Natural killer and dendritic cell liaison: Recent insights and open questions. <i>Immunology Letters</i> , 2005, 101, 12-17.	2.5	35

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55	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.	2.5	35
56	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, 824-832.	0.8	35
57	Cognate HLA absence in trans diminishes human NK cell education. <i>Journal of Clinical Investigation</i> , 2016, 126, 3772-3782.	8.2	33
58	T $\alpha$ lymphocytes express B7 family molecules following interaction with dendritic cells and acquire bystander costimulatory properties. <i>European Journal of Immunology</i> , 2002, 32, 3092-3101.	2.9	31
59	Natural killer cells in the innate immunity network of atherosclerosis. <i>Immunology Letters</i> , 2015, 168, 51-57.	2.5	31
60	The Yin and Yang of Innate Lymphoid Cells in Cancer. <i>Immunology Letters</i> , 2016, 179, 29-35.	2.5	31
61	Mechanical bacterial lysate administration prevents exacerbation in allergic asthmatic childrenâ€”The <sc>EOLIA</sc> study. <i>Pediatric Allergy and Immunology</i> , 2018, 29, 394-401.	2.6	31
62	<i>Klebsiella pneumoniae</i> triggered DC recruit human NK cells in a CCR5â€”dependent manner leading to increased CCL19â€”responsiveness and activation of NK cells. <i>European Journal of Immunology</i> , 2010, 40, 3138-3149.	2.9	29
63	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.	2.5	29
64	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.	4.8	28
65	Distinctive Lack of CD48 Expression in Subsets of Human Dendritic Cells Tunes NK Cell Activation. <i>Journal of Immunology</i> , 2005, 175, 3690-3697.	0.8	26
66	Novel perspectives on dendritic cell-based immunotherapy of cancer. <i>Immunology Letters</i> , 2013, 155, 6-10.	2.5	26
67	Flavonoid profile, antioxidant and cytotoxic activity of different extracts from Algerian <i>Rhamnus alaternus</i> L. bark. <i>Pharmacognosy Magazine</i> , 2015, 11, 102.	0.6	25
68	MiRNA expression profiling in human gliomas: upregulated miR-363 increases cell survival and proliferation. <i>Tumor Biology</i> , 2016, 37, 14035-14048.	1.8	24
69	Natural Killers Are Made Not Born: How to Exploit NK Cells in Lung Malignancies. <i>Frontiers in Immunology</i> , 2017, 8, 277.	4.8	24
70	T cell polarizing properties of probiotic bacteria. <i>Immunology Letters</i> , 2015, 168, 337-342.	2.5	23
71	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, 235-238.	2.5	22
72	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.	2.5	22

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73	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, 100-104.	1.3	21
74	Characterization of Human Afferent Lymph Dendritic Cells from Seroma Fluids. <i>Journal of Immunology</i> , 2013, 191, 4858-4866.	0.8	19
75	In vitro VLA-4 blockade results in an impaired NK cell-mediated immune surveillance against melanoma. <i>Immunology Letters</i> , 2017, 181, 109-115.	2.5	16
76	Monocyte to HDL ratio: a novel marker of resistant hypertension in CKD patients. <i>International Urology and Nephrology</i> , 2022, 54, 395-403.	1.4	16
77	Phenotypic, functional and molecular analysis of lymphocytes associated with bladder cancer. <i>Cancer Immunology, Immunotherapy</i> , 1996, 42, 47-54.	4.2	15
78	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, 459-465.	1.0	15
79	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.	1.9	15
80	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.	2.5	15
81	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, 158-163.	2.4	14
82	<i>Drag</i> cells in immunity. <i>Oncolimmunology</i> , 2014, 3, e28184.	4.6	14
83	Human Hepatitis B Virus Negatively Impacts the Protective Immune Crosstalk Between Natural Killer and Dendritic Cells. <i>Hepatology</i> , 2021, 74, 550-565.	7.3	12
84	IFN- $\gamma$ mediates the up-regulation of HLA class I on melanoma cells without switching proteasome to immunoproteasome. <i>International Immunology</i> , 2003, 15, 1415-1421.	4.0	11
85	Influence of Vitamin D in Advanced Non-Small Cell Lung Cancer Patients Treated with Nivolumab. <i>Cancers</i> , 2019, 11, 125.	3.7	11
86	Myeloma cells induce the accumulation of activated CD94 <sup>low</sup> NK cells by cell-to-cell contacts involving CD56 molecules. <i>Blood Advances</i> , 2020, 4, 2297-2307.	5.2	11
87	ILC in chronic inflammation, cancer and targeting with biologicals. <i>Molecular Aspects of Medicine</i> , 2021, 80, 100963.	6.4	11
88	Chitosan-Hyaluronan Nanoparticles for Vinblastine Sulfate Delivery: Characterization and Internalization Studies on K-562 Cells. <i>Pharmaceutics</i> , 2022, 14, 942.	4.5	11
89	Acquisition and Presentation of Tumor Antigens by Dendritic Cells. <i>Critical Reviews in Immunology</i> , 2015, 35, 349-364.	0.5	10
90	Expansion of natural killer cells in patients with head and neck cancer: Detection of $\alpha$ noninhibitory $\beta$ (activating) killer Ig-like receptors on circulating natural killer cells. <i>Head and Neck</i> , 2003, 25, 297-305.	2.0	9

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91	Isolation and Analysis of Human Natural Killer Cell Subsets. , 2008, 415, 197-213.		7
92	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.	4.6	6
93	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.	2.9	6
94	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.	2.4	5
95	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.	2.9	5
96	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.	3.0	4
97	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.	1.6	4
98	A multivariate analysis of Multiple Myeloma subtype plasma cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 258, 119813.	3.9	4
99	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.	0.4	3
100	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.	2.0	3
101	Update on Natural Killer Cells. <i>Cancer Journal (Sudbury, Mass )</i> , 2003, 9, 232-237.	2.0	3
102	Phage-Phenotype Imaging of Myeloma Plasma Cells by Phage Display. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7910.	2.5	3
103	Correlation between Hyperkalemia and the Duration of Several Hospitalizations in Patients with Chronic Kidney Disease. <i>Journal of Clinical Medicine</i> , 2022, 11, 244.	2.4	3
104	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, 448-452.	3.8	2
105	Th17 skewing in the GALT of a Crohn disease patient upon <i>Lactobacillus rhamnosus</i> GG consumption. <i>Immunology Letters</i> , 2016, 170, 95-97.	2.5	2
106	Emerging Evidence and Treatment Perspectives from Randomized Clinical Trials in Systemic Sclerosis: Focus on Interstitial Lung Disease. <i>Biomedicines</i> , 2022, 10, 504.	3.2	2
107	Natural killer cells and cross-talk with dendritic cells. <i>Clinical and Experimental Allergy Reviews</i> , 2004, 4, 135-139.	0.3	1
108	Clinical drug response to thiopurines is associated to a lower interferon- $\beta$ production by IBD patient's T lymphocytes. <i>Journal of Crohn's and Colitis</i> , 2013, 7, e497-e498.	1.3	1

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109	FITC-Labelled Clone from Phage Display for Direct Detection of Leukemia Cells in Blood. Lecture Notes in Electrical Engineering, 2019, , 165-172.	0.4	1
110	Biological Parameters in Breast Cancer. Annals of the New York Academy of Sciences, 1996, 784, 521-524.	3.8	0
111	Interactions between natural killer and dendritic cells during bacterial infections. , 2007, , 119-138.		0
112	Identification of natural killer cells in tissues and their isolation. , 2010, , 417-431.		0
113	Interactions Between NK Cells and Dendritic Cells. , 2010, , 299-313.		0
114	Do NK cells play a role in the possible association between natalizumab treatment and the development of melanoma?. Journal of Neuroimmunology, 2014, 275, 218.	2.3	0
115	On immunostimulants and dendritic cell activation. Immunology Letters, 2021, 232, 45-47.	2.5	0
116	REPLY:. Hepatology, 2021, 74, 2326-2327.	7.3	0
117	MO912: Different Immunogenicity of Previous SARS-COV-2 Infection or Comirnaty Vaccine (BNT162B2,) Tj ETQq1 1 0.784314 rgBT / 0.7	1.0	0