

Natalio Garbi

List of Publications by Year in descending order

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81
papers

8,832
citations

57719

44
h-index

71651

76
g-index

83
all docs

83
docs citations

83
times ranked

15784
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Dose Irradiation Programs Macrophage Differentiation to an iNOS+/M1 Phenotype that Orchestrates Effective T Cell Immunotherapy. <i>Cancer Cell</i> , 2013, 24, 589-602.	7.7	835
2	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	1.6	766
3	Tumor-Specific T Cell Dysfunction Is a Dynamic Antigen-Driven Differentiation Program Initiated Early during Tumorigenesis. <i>Immunity</i> , 2016, 45, 389-401.	6.6	496
4	Eosinophils orchestrate cancer rejection by normalizing tumor vessels and enhancing infiltration of CD8+ T cells. <i>Nature Immunology</i> , 2015, 16, 609-617.	7.0	371
5	Sustained effector function of IL-12/15/18-primed NK cells against established tumors. <i>Journal of Experimental Medicine</i> , 2012, 209, 2351-2365.	4.2	326
6	Bone marrow as a priming site for T-cell responses to blood-borne antigen. <i>Nature Medicine</i> , 2003, 9, 1151-1157.	15.2	301
7	Robust Anti-viral Immunity Requires Multiple Distinct T Cell-Dendritic Cell Interactions. <i>Cell</i> , 2015, 162, 1322-1337.	13.5	299
8	CD8+ T Cells Orchestrate pDC-XCR1+ Dendritic Cell Spatial and Functional Cooperativity to Optimize Priming. <i>Immunity</i> , 2017, 46, 205-219.	6.6	278
9	Group 2 innate lymphoid cells license dendritic cells to potentiate memory TH2 cell responses. <i>Nature Immunology</i> , 2016, 17, 57-64.	7.0	257
10	Induced bronchus-associated lymphoid tissue serves as a general priming site for T cells and is maintained by dendritic cells. <i>Journal of Experimental Medicine</i> , 2009, 206, 2593-2601.	4.2	251
11	Lymph node stromal cells acquire peptide-MHCII complexes from dendritic cells and induce antigen-specific CD4+ T cell tolerance. <i>Journal of Experimental Medicine</i> , 2014, 211, 1153-1166.	4.2	210
12	Crosstalk between Sentinel and Helper Macrophages Permits Neutrophil Migration into Infected Uroepithelium. <i>Cell</i> , 2014, 156, 456-468.	13.5	203
13	NK- and CD8+ T Cell-Mediated Eradication of Established Tumors by Peritumoral Injection of CpG-Containing Oligodeoxynucleotides. <i>Journal of Immunology</i> , 2001, 167, 5247-5253.	0.4	202
14	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). <i>European Journal of Immunology</i> , 2021, 51, 2708-3145.	1.6	198
15	Intrahepatic myeloid-cell aggregates enable local proliferation of CD8+ T cells and successful immunotherapy against chronic viral liver infection. <i>Nature Immunology</i> , 2013, 14, 574-583.	7.0	196
16	Impaired assembly of the major histocompatibility complex class I peptide-loading complex in mice deficient in the oxidoreductase ERp57. <i>Nature Immunology</i> , 2006, 7, 93-102.	7.0	195
17	Impaired immune responses and altered peptide repertoire in tapasin-deficient mice. <i>Nature Immunology</i> , 2000, 1, 234-238.	7.0	188
18	ERp57 is essential for efficient folding of glycoproteins sharing common structural domains. <i>EMBO Journal</i> , 2007, 26, 28-40.	3.5	177

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19	RAGE is a nucleic acid receptor that promotes inflammatory responses to DNA. <i>Journal of Experimental Medicine</i> , 2013, 210, 2447-2463.	4.2	177
20	Boosting Regulatory T Cells Limits Neuroinflammation in Permanent Cortical Stroke. <i>Journal of Neuroscience</i> , 2013, 33, 17350-17362.	1.7	171
21	A novel CD11c.DTR transgenic mouse for depletion of dendritic cells reveals their requirement for homeostatic proliferation of natural killer cells. <i>European Journal of Immunology</i> , 2008, 38, 2776-2783.	1.6	158
22	Systemic application of CpG-rich DNA suppresses adaptive T cell immunity via induction of IDO. <i>European Journal of Immunology</i> , 2006, 36, 12-20.	1.6	153
23	Functionally relevant neutrophilia in CD11c diphtheria toxin receptor transgenic mice. <i>Nature Methods</i> , 2012, 9, 385-390.	9.0	128
24	Leukocyte trafficking to the lungs and beyond: lessons from influenza for COVID-19. <i>Nature Reviews Immunology</i> , 2021, 21, 49-64.	10.6	126
25	CpG Motifs as Proinflammatory Factors Render Autochthonous Tumors Permissive for Infiltration and Destruction. <i>Journal of Immunology</i> , 2004, 172, 5861-5869.	0.4	121
26	Dendritic Cells Support Homeostatic Expansion of Foxp3+ Regulatory T Cells in Foxp3.LuciDTR Mice. <i>Journal of Immunology</i> , 2010, 184, 1810-1820.	0.4	121
27	Efficient Treg depletion induces T cell infiltration and rejection of large tumors. <i>European Journal of Immunology</i> , 2010, 40, 3325-3335.	1.6	112
28	Dendritic cells control T cell tonic signaling required for responsiveness to foreign antigen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5931-5936.	3.3	110
29	Consequences of ERp57 Deletion on Oxidative Folding of Obligate and Facultative Clients of the Calnexin Cycle. <i>Journal of Biological Chemistry</i> , 2006, 281, 6219-6226.	1.6	102
30	A major role for tapasin as a stabilizer of the TAP peptide transporter and consequences for MHC class I expression. <i>European Journal of Immunology</i> , 2003, 33, 264-273.	1.6	94
31	Intestinal Cell Calcium Uptake and the Targeted Knockout of the 1,25D3-MARRS (Membrane-associated, Tj ETQq1 1 0.784314 rgBT (MARRS) 31859-31866.	1.6	89
32	BATF3 programs CD8+ T cell memory. <i>Nature Immunology</i> , 2020, 21, 1397-1407.	7.0	80
33	HLA-DM, HLA-DO and tapasin: functional similarities and differences. <i>Current Opinion in Immunology</i> , 2002, 14, 22-29.	2.4	75
34	Inflammasome-Dependent Induction of Adaptive NK Cell Memory. <i>Immunity</i> , 2016, 44, 1406-1421.	6.6	67
35	Location, function, and ontogeny of pulmonary macrophages during the steady state. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 561-572.	1.3	60
36	Type 2 Innate Immunity in Helminth Infection Is Induced Redundantly and Acts Autonomously following CD11c Cell Depletion. <i>Infection and Immunity</i> , 2012, 80, 3481-3489.	1.0	54

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37	Charcotâ€“Leyden Crystals Activate the NLRP3 Inflammasome and Cause IL-1Î² Inflammation in Human Macrophages. <i>Journal of Immunology</i> , 2019, 202, 550-558.	0.4	52
38	A Transporter Associated with Antigen-Processing Independent Vacuolar Pathway for the MHC Class I-Mediated Presentation of Endogenous Transmembrane Proteins. <i>Journal of Immunology</i> , 2007, 178, 7932-7942.	0.4	51
39	Depletion of Dendritic Cells Enhances Innate Anti-Bacterial Host Defense through Modulation of Phagocyte Homeostasis. <i>PLoS Pathogens</i> , 2012, 8, e1002552.	2.1	51
40	RAGE Enhances TLR Responses through Binding and Internalization of RNA. <i>Journal of Immunology</i> , 2016, 197, 4118-4126.	0.4	51
41	Immature Renal Dendritic Cells Recruit Regulatory CXCR6+ Invariant Natural Killer T Cells to Attenuate Crescentic GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1987-2000.	3.0	50
42	Foxp3-Mediated Suppression of CD95L Expression Confers Resistance to Activation-Induced Cell Death in Regulatory T Cells. <i>Journal of Immunology</i> , 2011, 187, 1684-1691.	0.4	49
43	Phosphorylation of ectopically expressed L-plastin enhances invasiveness of human melanoma cells. <i>International Journal of Cancer</i> , 2007, 120, 2590-2599.	2.3	47
44	Dickkopf-3, an immune modulator in peripheral CD8 T-cell tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1631-1636.	3.3	47
45	Macrophage-derived nitric oxide initiates T-cell diapedesis and tumor rejection. <i>Oncotmunology</i> , 2016, 5, e1204506.	2.1	45
46	Interaction of ERp57 and tapasin in the generation of MHC class Iâ€“peptide complexes. <i>Current Opinion in Immunology</i> , 2007, 19, 99-105.	2.4	41
47	Type 1 conventional dendritic cells maintain and guide the differentiation of precursors of exhausted Tâ€“cells in distinct cellular niches. <i>Immunity</i> , 2022, 55, 656-670.e8.	6.6	41
48	CD8+ regulatory T cells generated by neonatal recognition of peripheral self-antigen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15142-15147.	3.3	40
49	Tonic T cell signalling and T cell tolerance as opposite effects of self-recognition on dendritic cells. <i>Current Opinion in Immunology</i> , 2010, 22, 601-608.	2.4	39
50	The induction of human myeloid derived suppressor cells through hepatic stellate cells is dose-dependently inhibited by the tyrosine kinase inhibitors nilotinib, dasatinib and sorafenib, but not sunitinib. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 273-282.	2.0	37
51	Accessory molecules in the assembly of major histocompatibility complex class I/peptide complexes: how essential are they for CD8+ T-cell immune responses?. <i>Immunological Reviews</i> , 2005, 207, 77-88.	2.8	35
52	CD103+ Kidney Dendritic Cells Protect against Crescentic GN by Maintaining IL-10â€“Producing Regulatory T Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3368-3382.	3.0	33
53	Downmodulation of antigen presentation by H2-O in B cell lines and primary B lymphocytes. <i>European Journal of Immunology</i> , 2003, 33, 411-421.	1.6	32
54	Low-Dose Adenovirus Vaccine Encoding Chimeric Hepatitis B Virus Surface Antigen-Human Papillomavirus Type 16 E7 Proteins Induces Enhanced E7-Specific Antibody and Cytotoxic T-Cell Responses. <i>Journal of Virology</i> , 2005, 79, 12807-12817.	1.5	31

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55	Single cell force spectroscopy of T cells recognizing a myelin-derived peptide on antigen presenting cells. <i>Immunology Letters</i> , 2011, 136, 13-20.	1.1	27
56	ER Stress During the Pubertal Growth Spurt Results in Impaired Long-Bone Growth in Chondrocyte-Specific ERp57 Knockout Mice. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1481-1493.	3.1	26
57	RIG-I Activation Protects and Rescues from Lethal Influenza Virus Infection and Bacterial Superinfection. <i>Molecular Therapy</i> , 2017, 25, 2093-2103.	3.7	26
58	Targeting myeloid derived suppressor cells with all-trans retinoic acid is highly time-dependent in therapeutic tumor vaccination. <i>Oncotmunology</i> , 2017, 6, e1338995.	2.1	24
59	Tumor agonist peptides break tolerance and elicit effective CTL responses in an inducible mouse model of hepatocellular carcinoma. <i>Immunology Letters</i> , 2009, 123, 31-37.	1.1	22
60	Prolonged IKK β Inhibition Improves Ongoing CTL Antitumor Responses by Incapacitating Regulatory T Cells. <i>Cell Reports</i> , 2017, 21, 578-586.	2.9	22
61	Splenic Red Pulp Macrophages Cross-Prime Early Effector CTL That Provide Rapid Defense against Viral Infections. <i>Journal of Immunology</i> , 2020, 204, 87-100.	0.4	22
62	Organ-Specific Cellular Requirements for In Vivo Dendritic Cell Generation. <i>Journal of Immunology</i> , 2012, 188, 1125-1135.	0.4	21
63	CD11c.DTR mice develop a fatal fulminant myocarditis after local or systemic treatment with diphtheria toxin. <i>European Journal of Immunology</i> , 2016, 46, 2028-2042.	1.6	20
64	Virus-Like Particles Harboring CCL19, IL-2 and HPV16 E7 Elicit Protective T Cell Responses in HLA-A2 Transgenic Mice. <i>The Open Virology Journal</i> , 2012, 6, 270-276.	1.8	19
65	Independent control of natural killer cell responsiveness and homeostasis at steady-state by CD11c+ dendritic cells. <i>Scientific Reports</i> , 2016, 6, 37996.	1.6	18
66	The 1,25D β 286-1 receptor/PDIA3/ERp57 and lifespan. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 380-385.	1.2	15
67	Inhibitor of NF κ B Kinase Subunit 2 Blockade Hinders the Initiation but Aggravates the Progression of Crescentic GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1917-1924.	3.0	13
68	Dendritic cells enhance the antigen sensitivity of T cells. <i>Frontiers in Immunology</i> , 2012, 3, 389.	2.2	12
69	Co α stimulation by dendritic cells maintains the peripheral pool of Tregs. <i>European Journal of Immunology</i> , 2011, 41, 282-285.	1.6	5
70	Lack of CD24 expression in mice reduces the number of leukocytes in the colon. <i>Immunology Letters</i> , 2014, 161, 140-148.	1.1	4
71	Distinct Expression and Function of Fc γ RII in Human B Cells and Monocytes. <i>Journal of Immunology</i> , 2017, 198, 3033-3044.	0.4	4
72	Flt3 ligand α Cre reporter expression characterizes functionally distinct subpopulations of CD150 $^{+}$ long-term repopulating murine hematopoietic stem cells. <i>European Journal of Immunology</i> , 2017, 47, 1477-1487.	1.6	4

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73	Rescue of T-cell function during persistent pulmonary adenoviral infection by Toll-like receptor 9 activation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 416-419.e10.	1.5	2
74	Infiltration and Clustering of Major Histocompatibility Complex II+ Antigen-Presenting Cells in the Skin of Patients with Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2021, 141, 939-942.	0.3	2
75	The Hierarchy of Antigen Delivery. <i>EBioMedicine</i> , 2016, 5, 7-8.	2.7	1
76	Intestinal Cell Calcium Uptake and the Targeted Knockout Of the 1,25D3â€MARRS Receptor/PDIA3/Erp57. <i>FASEB Journal</i> , 2010, 24, 917.1.	0.2	1
77	223.â€fNUCLEIC ACID RECOGNITION THROUGH SPECIFIC RECEPTORS AGGRAVATES ANCA-ASSOCIATED VASCULITIS IN THE LUNG. <i>Rheumatology</i> , 2019, 58, .	0.9	0
78	The 1,25D3â€MARRS Receptor is Required for Phosphate Uptake in Mouse Intestinal Cells. <i>FASEB Journal</i> , 2011, 25, 218.1.	0.2	0
79	Platelet-Derived ERp57 Mediates Platelet Incorporation Into a Growing Thrombus By Regulation Of The Î±IIbÎ²3 Integrin. <i>Blood</i> , 2013, 122, 3505-3505.	0.6	0
80	The E3 Ubiquitin Ligase Cbl-b Limits Nascent Th9 Differentiation. <i>Blood</i> , 2015, 126, 2222-2222.	0.6	0
81	Tissue Derived Non-Classical Monocyte Derived Host Macrophages Protect Against Murine Intestinal Acute Graft-Versus-Host Disease. <i>Blood</i> , 2018, 132, 3315-3315.	0.6	0