Elena Tomasello

List of Publications by Year
in descending order

47 papers	8,619 citations	87888 38 h-index	206112 48 g-index
50 all docs	50 docs citations	50 times ranked	11794 citing authors

#	Article	IF	Citations
1	The activation trajectory of plasmacytoid dendritic cells in vivo during a viral infection. Nature Immunology, 2020, 21, 983-997.	14.5	58
2	Molecular dissection of plasmacytoid dendritic cell activation inÂvivo during a viral infection. EMBO Journal, 2018, 37, .	7.8	45
3	Broad and Largely Concordant Molecular Changes Characterize Tolerogenic and Immunogenic Dendritic Cell Maturation in Thymus and Periphery. Immunity, 2016, 45, 305-318.	14.3	151
4	Harnessing Mechanistic Knowledge on Beneficial Versus Deleterious IFN-I Effects to Design Innovative Immunotherapies Targeting Cytokine Activity to Specific Cell Types. Frontiers in Immunology, 2014, 5, 526.	4.8	54
5	Intestinal innate immune cells in gut homeostasis and immunosurveillance. Immunology and Cell Biology, 2013, 91, 201-203.	2.3	32
6	Mapping of NKp46+ Cells in Healthy Human Lymphoid and Non-Lymphoid Tissues. Frontiers in Immunology, 2012, 3, 344.	4.8	68
7	Differential Responses of Immune Cells to Type I Interferon Contribute to Host Resistance to Viral Infection. Cell Host and Microbe, 2012, 12, 571-584.	11.0	89
8	Peripheral natural killer cells exhibit qualitative and quantitative changes in patients with psoriasis and atopic dermatitis. British Journal of Dermatology, 2012, 166, 789-796.	1.5	38
9	Fate mapping analysis of lymphoid cells expressing the NKp46 cell surface receptor. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18324-18329.	7.1	297
10	Identity, regulation andin vivofunction of gut NKp46⁺RORÎ³t⁺and NKp46⁺RORÎ³t^{â^'}lymphoid cells. EMBO Journal, 2011, 30, 2934-2947.	7.8	154
11	Influence of the transcription factor RORÎ³t on the development of NKp46+ cell populations in gut and skin. Nature Immunology, 2009, 10, 75-82.	14.5	507
12	A novel mucosal RORgammat+NKp46+ cell subset is a source of interleukin-22. F1000 Biology Reports, 2009, 1, 28.	4.0	1
13	Increased diabetes development and decreased function of CD4⁺CD25⁺ Treg in the absence of a functional DAP12 adaptor protein. European Journal of Immunology, 2008, 38, 3191-3199.	2.9	8
14	Functions of natural killer cells. Nature Immunology, 2008, 9, 503-510.	14.5	3,070
15	Natural killer cells: Detectors of stress. International Journal of Biochemistry and Cell Biology, 2008, 40, 2335-2340.	2.8	18
16	Essential Role of DAP12 Signaling in Macrophage Programming into a Fusion-Competent State. Science Signaling, 2008, 1, ra11.	3.6	92
17	Natural Killer Cells Promote Early CD8 T Cell Responses against Cytomegalovirus. PLoS Pathogens, 2007, 3, e123.	4.7	161
18	Natural killer cell trafficking in vivo requires a dedicated sphingosine 1-phosphate receptor. Nature Immunology, 2007, 8, 1337-1344.	14.5	375

#	Article	IF	Citations
19	The trafficking of natural killer cells. Immunological Reviews, 2007, 220, 169-182.	6.0	460
20	Multiplicity and plasticity of natural killer cell signaling pathways. Blood, 2006, 107, 2364-2372.	1.4	83
21	A novel dendritic cell subset involved in tumor immunosurveillance. Nature Medicine, 2006, 12, 214-219.	30.7	377
22	DAP12 Signaling Regulates Plasmacytoid Dendritic Cell Homeostasis and Down-Modulates Their Function during Viral Infection. Journal of Immunology, 2006, 177, 2908-2916.	0.8	49
23	DAP12 Signaling Directly Augments Proproliferative Cytokine Stimulation of NK Cells during Viral Infections. Journal of Immunology, 2006, 177, 4981-4990.	0.8	68
24	Altered NKG2D function in NK cells induced by chronic exposure to NKG2D ligandâ€“expressing tumor cells. Blood, 2005, 106, 1711-1717.	1.4	200
25	KARAP/DAP12/TYROBP: three names and a multiplicity of biological functions. European Journal of Immunology, 2005, 35, 1670-1677.	2.9	123
26	Enhanced tryptophan catabolism in the absence of the molecular adapter DAP12. European Journal of Immunology, 2005, 35, 3111-3118.	2.9	38
27	Coordination of activating and inhibitory signals in natural killer cells. Molecular Immunology, 2005, 42, 477-484.	2.2	46
28	Brain and Bone Damage in KARAP/DAP12 Loss-of-Function Mice Correlate with Alterations in Microglia and Osteoclast Lineages. American Journal of Pathology, 2005, 166, 275-286.	3.8	70
29	Expansion and Function of CD8+ T Cells Expressing Ly49 Inhibitory Receptors Specific for MHC Class I Molecules. Journal of Immunology, 2004, 173, 3773-3782.	0.8	33
30	Impaired Synaptic Function in the Microglial KARAP/DAP12-Deficient Mouse. Journal of Neuroscience, 2004, 24, 11421-11428.	3.6	189
31	IL-4 Confers NK Stimulatory Capacity to Murine Dendritic Cells: A Signaling Pathway Involving KARAP/DAP12-Triggering Receptor Expressed on Myeloid Cell 2 Molecules. Journal of Immunology, 2004, 172, 5957-5966.	0.8	67
32	Loss or mismatch of MHC classâ€„I is sufficient to trigger NK cell-mediated rejection of resting lymphocytesin vivoâ€“ role of KARAP/DAP12-dependent and -independent pathways. European Journal of Immunology, 2004, 34, 1646-1653.	2.9	75
33	Contrasting roles of DAP10 and KARAP/DAP12 signaling adaptors in activation of the RBL-2H3 leukemic mast cell line. European Journal of Immunology, 2003, 33, 3514-3522.	2.9	18
34	Pivotal Role of KARAP/DAP12 Adaptor Molecule in the Natural Killer Cellâ€“mediated Resistance to Murine Cytomegalovirus Infection. Journal of Experimental Medicine, 2002, 195, 825-834.	8.5	101
35	Massive inflammatory syndrome and lymphocytic immunodeficiency in KARAP/DAP12-transgenic mice. European Journal of Immunology, 2002, 32, 2653-2663.	2.9	43
36	Lymphocyte activation via NKG2D: towards a new paradigm in immune recognition?. Current Opinion in Immunology, 2002, 14, 306-311.	5.5	188

#	Article	IF	Citations
37	Natural cytotoxicity uncoupled from the Syk and ZAP-70 intracellular kinases. Nature Immunology, 2002, 3, 288-294.	14.5	105
38	Selective associations with signaling proteins determine stimulatory versus costimulatory activity of NKG2D. Nature Immunology, 2002, 3, 1142-1149.	14.5	408
39	Association of signal-regulatory proteins Î² with KARAP/DAP-12. European Journal of Immunology, 2000, 30, 2147-2156.	2.9	84
40	Signaling pathways engaged by NK cell receptors: double concerto for activating receptors, inhibitory receptors and NK cells. Seminars in Immunology, 2000, 12, 139-147.	5.6	110
41	Combined Natural Killer Cell and Dendritic Cell Functional Deficiency in KARAP/DAP12 Loss-of-Function Mutant Mice. Immunity, 2000, 13, 355-364.	14.3	150
42	IL-12-induced up-regulation of NKRP1A expression in human NK cells and consequent NKRP1A- mediated down-regulation of NK cell activation. European Journal of Immunology, 1998, 28, 1611-1616.	2.9	58
43	Gene Structure, Expression Pattern, and Biological Activity of Mouse Killer Cell Activating Receptor-associated Protein (KARAP)/DAP-12. Journal of Biological Chemistry, 1998, 273, 34115-34119.	3.4	135
44	p40 molecule regulates NK cell activation mediated by NK receptors for HLA class I antigens and TCR-mediated triggering of T lymphocytes. International Immunology, 1997, 9, 1271-1279.	4.0	41
45	NKRP1A and p40 molecules are involved in regulation of activation and maturation of human NK cells. Research in Immunology, 1997, 148, 179-184.	0.9	5
46	Dissection of lymphocyte function-associated antigen 1-dependent adhesion and signal transduction in human natural killer cells shown by the use of cholera or pertussis toxin. European Journal of Immunology, 1996, 26, 967-975.	2.9	21
47	Expression of human NKRP1A by CD34+ immature thymocytes: NKRP1A-mediated regulation of proliferation and cytolytic activity. European Journal of Immunology, 1996, 26, 1266-1272.	2.9	54