

Elena Tomasello

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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.

46 papers	7,131 citations	36 h-index	50 g-index
50 ext. papers	8,044 ext. citations	10.7 avg, IF	5.28 L-index

#	Paper	IF	Citations
46	Functions of natural killer cells. <i>Nature Immunology</i> , 2008 , 9, 503-10	19.1	2374
45	Influence of the transcription factor RORgammat on the development of NKp46+ cell populations in gut and skin. <i>Nature Immunology</i> , 2009 , 10, 75-82	19.1	456
44	The trafficking of natural killer cells. <i>Immunological Reviews</i> , 2007 , 220, 169-82	11.3	387
43	Selective associations with signaling proteins determine stimulatory versus costimulatory activity of NKG2D. <i>Nature Immunology</i> , 2002 , 3, 1142-9	19.1	364
42	A novel dendritic cell subset involved in tumor immunosurveillance. <i>Nature Medicine</i> , 2006 , 12, 214-9	50.5	340
41	Natural killer cell trafficking in vivo requires a dedicated sphingosine 1-phosphate receptor. <i>Nature Immunology</i> , 2007 , 8, 1337-44	19.1	301
40	Fate mapping analysis of lymphoid cells expressing the NKp46 cell surface receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 18324-9	11.5	238
39	Lymphocyte activation via NKG2D: towards a new paradigm in immune recognition?. <i>Current Opinion in Immunology</i> , 2002 , 14, 306-11	7.8	182
38	Altered NKG2D function in NK cells induced by chronic exposure to NKG2D ligand-expressing tumor cells. <i>Blood</i> , 2005 , 106, 1711-7	2.2	175
37	Impaired synaptic function in the microglial KARAP/DAP12-deficient mouse. <i>Journal of Neuroscience</i> , 2004 , 24, 11421-8	6.6	172
36	Combined natural killer cell and dendritic cell functional deficiency in KARAP/DAP12 loss-of-function mutant mice. <i>Immunity</i> , 2000 , 13, 355-64	32.3	142
35	Identity, regulation and in vivo function of gut NKp46+ROR γ ⁺ and NKp46+ROR γ ⁻ lymphoid cells. <i>EMBO Journal</i> , 2011 , 30, 2934-47	13	139
34	Natural killer cells promote early CD8 T cell responses against cytomegalovirus. <i>PLoS Pathogens</i> , 2007 , 3, e123	7.6	135
33	Gene structure, expression pattern, and biological activity of mouse killer cell activating receptor-associated protein (KARAP)/DAP-12. <i>Journal of Biological Chemistry</i> , 1998 , 273, 34115-9	5.4	119
32	Natural cytotoxicity uncoupled from the Syk and ZAP-70 intracellular kinases. <i>Nature Immunology</i> , 2002 , 3, 288-94	19.1	98
31	KARAP/DAP12/TYROBP: three names and a multiplicity of biological functions. <i>European Journal of Immunology</i> , 2005 , 35, 1670-7	6.1	97
30	Signaling pathways engaged by NK cell receptors: double concerto for activating receptors, inhibitory receptors and NK cells. <i>Seminars in Immunology</i> , 2000 , 12, 139-47	10.7	95

29	Broad and Largely Concordant Molecular Changes Characterize Tolerogenic and Immunogenic Dendritic Cell Maturation in Thymus and Periphery. <i>Immunity</i> , 2016 , 45, 305-18	32.3	93
28	Pivotal role of KARAP/DAP12 adaptor molecule in the natural killer cell-mediated resistance to murine cytomegalovirus infection. <i>Journal of Experimental Medicine</i> , 2002 , 195, 825-34	16.6	92
27	Essential role of DAP12 signaling in macrophage programming into a fusion-competent state. <i>Science Signaling</i> , 2008 , 1, ra11	8.8	82
26	Association of signal-regulatory proteins beta with KARAP/DAP-12. <i>European Journal of Immunology</i> , 2000 , 30, 2147-56	6.1	79
25	Differential responses of immune cells to type I interferon contribute to host resistance to viral infection. <i>Cell Host and Microbe</i> , 2012 , 12, 571-84	23.4	73
24	Multiplicity and plasticity of natural killer cell signaling pathways. <i>Blood</i> , 2006 , 107, 2364-72	2.2	68
23	Loss or mismatch of MHC class I is sufficient to trigger NK cell-mediated rejection of resting lymphocytes in vivo - role of KARAP/DAP12-dependent and -independent pathways. <i>European Journal of Immunology</i> , 2004 , 34, 1646-53	6.1	66
22	DAP12 signaling directly augments proliferative cytokine stimulation of NK cells during viral infections. <i>Journal of Immunology</i> , 2006 , 177, 4981-90	5.3	61
21	Brain and bone damage in KARAP/DAP12 loss-of-function mice correlate with alterations in microglia and osteoclast lineages. <i>American Journal of Pathology</i> , 2005 , 166, 275-86	5.8	59
20	IL-4 confers NK stimulatory capacity to murine dendritic cells: a signaling pathway involving KARAP/DAP12-triggering receptor expressed on myeloid cell 2 molecules. <i>Journal of Immunology</i> , 2004 , 172, 5957-66	5.3	58
19	IL-12-induced up-regulation of NKRP1A expression in human NK cells and consequent NKRP1A-mediated down-regulation of NK cell activation. <i>European Journal of Immunology</i> , 1998 , 28, 1611-6	6.1	53
18	Mapping of NKp46(+) Cells in Healthy Human Lymphoid and Non-Lymphoid Tissues. <i>Frontiers in Immunology</i> , 2012 , 3, 344	8.4	51
17	Expression of human NKRP1A by CD34+ immature thymocytes: NKRP1A-mediated regulation of proliferation and cytolytic activity. <i>European Journal of Immunology</i> , 1996 , 26, 1266-72	6.1	49
16	DAP12 signaling regulates plasmacytoid dendritic cell homeostasis and down-modulates their function during viral infection. <i>Journal of Immunology</i> , 2006 , 177, 2908-16	5.3	45
15	Coordination of activating and inhibitory signals in natural killer cells. <i>Molecular Immunology</i> , 2005 , 42, 477-84	4.3	42
14	Massive inflammatory syndrome and lymphocytic immunodeficiency in KARAP/DAP12-transgenic mice. <i>European Journal of Immunology</i> , 2002 , 32, 2653-63	6.1	38
13	Enhanced tryptophan catabolism in the absence of the molecular adapter DAP12. <i>European Journal of Immunology</i> , 2005 , 35, 3111-8	6.1	38
12	Harnessing Mechanistic Knowledge on Beneficial Versus Deleterious IFN-I Effects to Design Innovative Immunotherapies Targeting Cytokine Activity to Specific Cell Types. <i>Frontiers in Immunology</i> , 2014 , 5, 526	8.4	37

11	p40 molecule regulates NK cell activation mediated by NK receptors for HLA class I antigens and TCR-mediated triggering of T lymphocytes. <i>International Immunology</i> , 1997 , 9, 1271-9	4.9	36
10	Molecular dissection of plasmacytoid dendritic cell activation during a viral infection. <i>EMBO Journal</i> , 2018 , 37,	13	27
9	Peripheral natural killer cells exhibit qualitative and quantitative changes in patients with psoriasis and atopic dermatitis. <i>British Journal of Dermatology</i> , 2012 , 166, 789-96	4	27
8	Expansion and function of CD8+ T cells expressing Ly49 inhibitory receptors specific for MHC class I molecules. <i>Journal of Immunology</i> , 2004 , 173, 3773-82	5.3	26
7	The activation trajectory of plasmacytoid dendritic cells in vivo during a viral infection. <i>Nature Immunology</i> , 2020 , 21, 983-997	19.1	25
6	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. <i>European Journal of Immunology</i> , 1996 , 26, 967-75	6.1	20
5	Contrasting roles of DAP10 and KARAP/DAP12 signaling adaptors in activation of the RBL-2H3 leukemic mast cell line. <i>European Journal of Immunology</i> , 2003 , 33, 3514-22	6.1	17
4	Natural killer cells: detectors of stress. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 2335-40	5.6	14
3	Increased diabetes development and decreased function of CD4+CD25+ Treg in the absence of a functional DAP12 adaptor protein. <i>European Journal of Immunology</i> , 2008 , 38, 3191-9	6.1	6
2	NKRP1A and p40 molecules are involved in regulation of activation and maturation of human NK cells. <i>Research in Immunology</i> , 1997 , 148, 179-84		5
1	A novel mucosal ROR γ NKp46 cell subset is a source of interleukin-22. <i>F1000 Biology Reports</i> , 2009 , 1, 28		