

Elena Tomasello

List of Publications by Year in descending order

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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	Functions of natural killer cells. <i>Nature Immunology</i> , 2008, 9, 503-510.	14.5	3,070
2	Influence of the transcription factor ROR γ t on the development of NKp46+ cell populations in gut and skin. <i>Nature Immunology</i> , 2009, 10, 75-82.	14.5	507
3	The trafficking of natural killer cells. <i>Immunological Reviews</i> , 2007, 220, 169-182.	6.0	460
4	Selective associations with signaling proteins determine stimulatory versus costimulatory activity of NKG2D. <i>Nature Immunology</i> , 2002, 3, 1142-1149.	14.5	408
5	A novel dendritic cell subset involved in tumor immunosurveillance. <i>Nature Medicine</i> , 2006, 12, 214-219.	30.7	377
6	Natural killer cell trafficking in vivo requires a dedicated sphingosine 1-phosphate receptor. <i>Nature Immunology</i> , 2007, 8, 1337-1344.	14.5	375
7	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, 18324-18329.	7.1	297
8	Altered NKG2D function in NK cells induced by chronic exposure to NKG2D ligand-expressing tumor cells. <i>Blood</i> , 2005, 106, 1711-1717.	1.4	200
9	Impaired Synaptic Function in the Microglial KARAP/DAP12-Deficient Mouse. <i>Journal of Neuroscience</i> , 2004, 24, 11421-11428.	3.6	189
10	Lymphocyte activation via NKG2D: towards a new paradigm in immune recognition?. <i>Current Opinion in Immunology</i> , 2002, 14, 306-311.	5.5	188
11	Natural Killer Cells Promote Early CD8 T Cell Responses against Cytomegalovirus. <i>PLoS Pathogens</i> , 2007, 3, e123.	4.7	161
12	Identity, regulation and <i>in vivo</i> function of gut NKp46 ⁺ ROR γ t ⁺ and NKp46 ⁺ ROR γ t ⁻ lymphoid cells. <i>EMBO Journal</i> , 2011, 30, 2934-2947.	7.8	154
13	Broad and Largely Concordant Molecular Changes Characterize Tolerogenic and Immunogenic Dendritic Cell Maturation in Thymus and Periphery. <i>Immunity</i> , 2016, 45, 305-318.	14.3	151
14	Combined Natural Killer Cell and Dendritic Cell Functional Deficiency in KARAP/DAP12 Loss-of-Function Mutant Mice. <i>Immunity</i> , 2000, 13, 355-364.	14.3	150
15	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, 34115-34119.	3.4	135
16	KARAP/DAP12/TYROBP: three names and a multiplicity of biological functions. <i>European Journal of Immunology</i> , 2005, 35, 1670-1677.	2.9	123
17	Signaling pathways engaged by NK cell receptors: double concerto for activating receptors, inhibitory receptors and NK cells. <i>Seminars in Immunology</i> , 2000, 12, 139-147.	5.6	110
18	Natural cytotoxicity uncoupled from the Syk and ZAP-70 intracellular kinases. <i>Nature Immunology</i> , 2002, 3, 288-294.	14.5	105

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19	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, 825-834.	8.5	101
20	Essential Role of DAP12 Signaling in Macrophage Programming into a Fusion-Competent State. <i>Science Signaling</i> , 2008, 1, ra11.	3.6	92
21	Differential Responses of Immune Cells to Type I Interferon Contribute to Host Resistance to Viral Infection. <i>Cell Host and Microbe</i> , 2012, 12, 571-584.	11.0	89
22	Association of signal-regulatory proteins $\hat{1}^2$ with KARAP/DAP-12. <i>European Journal of Immunology</i> , 2000, 30, 2147-2156.	2.9	84
23	Multiplicity and plasticity of natural killer cell signaling pathways. <i>Blood</i> , 2006, 107, 2364-2372.	1.4	83
24	Loss or mismatch of MHC class II 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, 1646-1653.	2.9	75
25	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, 275-286.	3.8	70
26	DAP12 Signaling Directly Augments Proliferative Cytokine Stimulation of NK Cells during Viral Infections. <i>Journal of Immunology</i> , 2006, 177, 4981-4990.	0.8	68
27	Mapping of NKp46+ Cells in Healthy Human Lymphoid and Non-Lymphoid Tissues. <i>Frontiers in Immunology</i> , 2012, 3, 344.	4.8	68
28	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, 5957-5966.	0.8	67
29	IL-12-induced up-regulation of NKR1A expression in human NK cells and consequent NKR1A-mediated down-regulation of NK cell activation. <i>European Journal of Immunology</i> , 1998, 28, 1611-1616.	2.9	58
30	The activation trajectory of plasmacytoid dendritic cells in vivo during a viral infection. <i>Nature Immunology</i> , 2020, 21, 983-997.	14.5	58
31	Expression of human NKR1A by CD34+ immature thymocytes: NKR1A-mediated regulation of proliferation and cytolytic activity. <i>European Journal of Immunology</i> , 1996, 26, 1266-1272.	2.9	54
32	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.	4.8	54
33	DAP12 Signaling Regulates Plasmacytoid Dendritic Cell Homeostasis and Down-Modulates Their Function during Viral Infection. <i>Journal of Immunology</i> , 2006, 177, 2908-2916.	0.8	49
34	Coordination of activating and inhibitory signals in natural killer cells. <i>Molecular Immunology</i> , 2005, 42, 477-484.	2.2	46
35	Molecular dissection of plasmacytoid dendritic cell activation in vivo during a viral infection. <i>EMBO Journal</i> , 2018, 37, .	7.8	45
36	Massive inflammatory syndrome and lymphocytic immunodeficiency in KARAP/DAP12-transgenic mice. <i>European Journal of Immunology</i> , 2002, 32, 2653-2663.	2.9	43

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37	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, 1271-1279.	4.0	41
38	Enhanced tryptophan catabolism in the absence of the molecular adapter DAP12. <i>European Journal of Immunology</i> , 2005, 35, 3111-3118.	2.9	38
39	Peripheral natural killer cells exhibit qualitative and quantitative changes in patients with psoriasis and atopic dermatitis. <i>British Journal of Dermatology</i> , 2012, 166, 789-796.	1.5	38
40	Expansion and Function of CD8+ T Cells Expressing Ly49 Inhibitory Receptors Specific for MHC Class I Molecules. <i>Journal of Immunology</i> , 2004, 173, 3773-3782.	0.8	33
41	Intestinal innate immune cells in gut homeostasis and immunosurveillance. <i>Immunology and Cell Biology</i> , 2013, 91, 201-203.	2.3	32
42	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, 967-975.	2.9	21
43	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, 3514-3522.	2.9	18
44	Natural killer cells: Detectors of stress. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2335-2340.	2.8	18
45	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, 3191-3199.	2.9	8
46	NKRP1A and p40 molecules are involved in regulation of activation and maturation of human NK cells. <i>Research in Immunology</i> , 1997, 148, 179-184.	0.9	5
47	A novel mucosal ROR γ mat+NKp46+ cell subset is a source of interleukin-22. <i>F1000 Biology Reports</i> , 2009, 1, 28.	4.0	1