Loredana Saveanu

List of Publications by Year in descending order

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42	3,060	186265	289244
papers	citations	28 h-index	40 g-index

44	44	44	3865
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ERâ€“phagosome fusion defines an MHC class I cross-presentation compartment in dendritic cells. Nature, 2003, 425, 397-402.	27.8	669
2	Concerted peptide trimming by human ERAP1 and ERAP2 aminopeptidase complexes in the endoplasmic reticulum. Nature Immunology, 2005, 6, 689-697.	14.5	420
3	Pancreatic Î²-Cells Limit Autoimmune Diabetes via an Immunoregulatory Antimicrobial Peptide Expressed under the Influence of the Gut Microbiota. Immunity, 2015, 43, 304-317.	14.3	247
4	IRAP Identifies an Endosomal Compartment Required for MHC Class I Cross-Presentation. Science, 2009, 325, 213-217.	12.6	226
5	Cross-presentation of cell-associated antigens by MHC class I in dendritic cell subsets. Frontiers in Immunology, 2015, 6, 363.	4.8	126
6	Ex Vivo Characterization of Multiepitopic Tumor-Specific CD8 T Cells in Patients with Chronic Myeloid Leukemia: Implications for Vaccine Development and Adoptive Cellular Immunotherapy. Journal of Immunology, 2005, 174, 8210-8218.	0.8	101
7	The Role of Endoplasmic Reticulum-Associated Aminopeptidase 1 in Immunity to Infection and in Cross-Presentation. Journal of Immunology, 2007, 178, 2241-2248.	0.8	93
8	Altered expression of endoplasmic reticulum aminopeptidases ERAP1 and ERAP2 in transformed nonâ€lymphoid human tissues. Journal of Cellular Physiology, 2008, 216, 742-749.	4.1	85
9	ERAP1â€“ERAP2 Dimerization Increases Peptide-Trimming Efficiency. Journal of Immunology, 2014, 193, 901-908.	0.8	83
10	Peptidases trimming MHC class I ligands. Current Opinion in Immunology, 2013, 25, 90-96.	5.5	76
11	Beyond the proteasome: trimming, degradation and generation of MHC class I ligands by auxiliary proteases. Molecular Immunology, 2002, 39, 203-215.	2.2	66
12	A proteasomeâ€dependent, TAPâ€independent pathway for crossâ€presentation of phagocytosed antigen. EMBO Reports, 2011, 12, 1257-1264.	4.5	66
13	Conventional Dendritic Cells Require IRAP-Rab14 Endosomes for Efficient Cross-Presentation. Journal of Immunology, 2012, 188, 1840-1846.	0.8	57
14	Powering the peptide pump: TAP crosstalk with energetic nucleotides. Trends in Biochemical Sciences, 2002, 27, 454-461.	7.5	50
15	Quantifying Recruitment of Cytosolic Peptides for HLA Class I Presentation: Impact of TAP Transport. Journal of Immunology, 2003, 170, 2977-2984.	0.8	49
16	Intracellular Transport Routes for MHC I and Their Relevance for Antigen Cross-Presentation. Frontiers in Immunology, 2015, 6, 335.	4.8	49
17	LC3-associated phagocytosis protects against inflammation and liver fibrosis via immunoreceptor inhibitory signaling. Science Translational Medicine, 2020, 12, .	12.4	48
18	The proteasome immunosubunits, PA28 and ERâ€aminopeptidase 1 protect melanoma cells from efficient MARTâ€1_{26â€35}â€specific Tâ€cell recognition. European Journal of Immunology, 2015, 45, 3257-3268.	2.9	47

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19	Complexity, contradictions, and conundrums: studying post-proteasomal proteolysis in HLA class I antigen presentation. Immunological Reviews, 2005, 207, 42-59.	6.0	46
20	Distinct Functions of the ATP Binding Cassettes of Transporters Associated with Antigen Processing. Journal of Biological Chemistry, 2001, 276, 22107-22113.	3.4	44
21	The Role of Insulin-Regulated Aminopeptidase in MHC Class I Antigen Presentation. Frontiers in Immunology, 2012, 3, 57.	4.8	41
22	Differential proteasomal processing of hydrophobic and hydrophilic protein regions: Contribution to cytotoxic T lymphocyte epitope clustering in HIV-1-Nef. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7755-7760.	7.1	38
23	A Long N-terminal-extended Nested Set of Abundant and Antigenic Major Histocompatibility Complex Class I Natural Ligands from HIV Envelope Protein. Journal of Biological Chemistry, 2006, 281, 6358-6365.	3.4	36
24	Analysis of Direct and Cross-Presentation of Antigens in TPPII Knockout Mice1. Journal of Immunology, 2007, 179, 8137-8145.	0.8	35
25	A Detailed Analysis of the Murine TAP Transporter Substrate Specificity. PLoS ONE, 2008, 3, e2402.	2.5	35
26	IRAP+ endosomes restrict TLR9 activation and signaling. Nature Immunology, 2017, 18, 509-518.	14.5	33
27	Innate Immune Signals Induce Anterograde Endosome Transport Promoting MHC Class I Cross-Presentation. Cell Reports, 2018, 24, 3568-3581.	6.4	33
28	The Isoform Selective Roles of PI3Ks in Dendritic Cell Biology and Function. Frontiers in Immunology, 2018, 9, 2574.	4.8	29
29	IRAP-dependent endosomal T cell receptor signalling is essential for T cell responses. Nature Communications, 2020, 11, 2779.	12.8	27
30	Novel selective inhibitors of aminopeptidases that generate antigenic peptides. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4832-4836.	2.2	24
31	The Role of Insulin Regulated Aminopeptidase in Endocytic Trafficking and Receptor Signaling in Immune Cells. Frontiers in Molecular Biosciences, 2020, 7, 583556.	3.5	16
32	LC3-associated phagocytosis in myeloid cells, a fireman that restrains inflammation and liver fibrosis, via immunoreceptor inhibitory signaling. Autophagy, 2020, 16, 1526-1528.	9.1	13
33	Impact of the TAP-like transporter in antigen presentation and phagosome maturation. Molecular Immunology, 2019, 113, 75-86.	2.2	11
34	Insulin-regulated aminopeptidase and its compartment in dendritic cells. Molecular Immunology, 2013, 55, 153-155.	2.2	10
35	IRAP Endosomes Control Phagosomal Maturation in Dendritic Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 585713.	3.7	9
36	The role of endocytic trafficking in antigen T cell receptor activation. Biomedical Journal, 2021, , .	3.1	9

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37	Dendritic cells: open for presentation business. Nature Immunology, 2005, 6, 7-8.	14.5	5
38	Preparing Antigens Suitable for Cross-presentation Assays In Vitro and In Vivo. Methods in Molecular Biology, 2013, 960, 389-400.	0.9	3
39	New pieces in the complex puzzle of aberrant vacuolation. Focus on â€œActive vacuolar H⁺ ATPase and functional cycle of Rab5 are required for the vacuolation defect triggered by PtdIns(3,5)P₂ loss under PIKfyve or Vps34 deficiencyâ€. American Journal of Physiology - Cell Physiology, 2016, 311, C363-C365.	4.6	2
40	Control of IFN-I responses by the aminopeptidase IRAP in neonatal C57BL/6 alveolar macrophages during RSV infection. Mucosal Immunology, 2021, 14, 949-962.	6.0	2
41	Endoplasmic Reticulum Aminopeptidase 2. , 2013, , 434-438.		0
42	Regulation of transporters associated with antigen processing (TAPs) by nucleotide binding to, and hydrolysis by, Walker consensus sequences. Advances in Experimental Medicine and Biology, 2001, 495, 79-82.	1.6	0