Evelina Gatti

List of Publications by Year
in descending order

61 papers	13,026 citations	109321 35 h-index	128289 60 g-index
63 all docs	63 docs citations	63 times ranked	25791 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Developmental regulation of MHC class II transport in mouse dendritic cells. Nature, 1997, 388, 787-792.	27.8	707
4	Suppression of eIF2Î± kinases alleviates Alzheimer's diseaseâ€“related plasticity and memory deficits. Nature Neuroscience, 2013, 16, 1299-1305.	14.8	486
5	PLEKHM1 Regulates Autophagosome-Lysosome Fusion through HOPS Complex and LC3/GABARAP Proteins. Molecular Cell, 2015, 57, 39-54.	9.7	448
6	Defective IL-12 production in mitogen-activated protein (MAP) kinase kinase 3(Mkk3)-deficient mice. EMBO Journal, 1999, 18, 1845-1857.	7.8	342
7	A rat brain Sec1 homologue related to Rop and UNC18 interacts with syntaxin.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 2003-2007.	7.1	225
8	MHC class II stabilization at the surface of human dendritic cells is the result of maturation-dependent MARCH I down-regulation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3491-3496.	7.1	214
9	SCENITH: A Flow Cytometry-Based Method to Functionally Profile Energy Metabolism with Single-Cell Resolution. Cell Metabolism, 2020, 32, 1063-1075.e7.	16.2	189
10	Transient aggregation of ubiquitinated proteins during dendritic cell maturation. Nature, 2002, 417, 177-182.	27.8	178
11	Dendritic cell aggresome-like induced structures are dedicated areas for ubiquitination and storage of newly synthesized defective proteins. Journal of Cell Biology, 2004, 164, 667-675.	5.2	139
12	Interleukinâ€10â€induced MARCH1 mediates intracellular sequestration of MHC class II in monocytes. European Journal of Immunology, 2008, 38, 1225-1230.	2.9	135
13	Physiological analysis of mutants indicates involvement of the Saccharomyces cerevisiae GPI-anchored protein gp115 in morphogenesis and cell separation. Journal of Bacteriology, 1993, 175, 1879-1885.	2.2	116
14	Chikungunya Virus Induces IPS-1-Dependent Innate Immune Activation and Protein Kinase R-Independent Translational Shutoff. Journal of Virology, 2011, 85, 606-620.	3.4	113
15	Mapping the crossroads of immune activation and cellular stress response pathways. EMBO Journal, 2013, 32, 1214-1224.	7.8	113
16	Co-expression of B7-1 and ICAM-1 on tumors is required for rejection and the establishment of a memory response. European Journal of Immunology, 1995, 25, 1154-1162.	2.9	111
17	Sleep deprivation impairs memory by attenuating mTORC1-dependent protein synthesis. Science Signaling, 2016, 9, ra41.	3.6	108
18	Specific interactions of Mss4 with members of the Rab GTPase subfamily.. EMBO Journal, 1994, 13, 5547-5558.	7.8	106

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19	Induction of GADD34 Is Necessary for dsRNA-Dependent Interferon-Î² Production and Participates in the Control of Chikungunya Virus Infection. PLoS Pathogens, 2012, 8, e1002708.	4.7	104
20	Large-Scale Culture and Selective Maturation of Human Langerhans Cells from Granulocyte Colony-Stimulating Factor-Mobilized CD34+Progenitors. Journal of Immunology, 2000, 164, 3600-3607.	0.8	102
21	Human cathepsin S, but not cathepsin L, degrades efficiently MHC class II-associated invariant chain in nonprofessional APCs. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6664-6669.	7.1	81
22	Integration of PKRâ€dependent translation inhibition with innate immunity is required for a coordinated antiâ€viral response. FEBS Letters, 2015, 589, 1539-1545.	2.8	68
23	At the crossway of <scp>ER</scp>â€stress and proinflammatory responses. FEBS Journal, 2019, 286, 297-310.	4.7	67
24	Protein synthesis inhibition and GADD34 control IFNâ€Î² heterogeneous expression in response toÂdsRNA. EMBO Journal, 2017, 36, 761-782.	7.8	64
25	Protein phosphatase 1 subunit Ppp1r15a/GADD34 regulates cytokine production in polyinosinic:polycytidylic acid-stimulated dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3006-3011.	7.1	61
26	Autophagy inhibition promotes defective neosynthesized proteins storage in ALIS, and induces redirection toward proteasome processing and MHCI-restricted presentation. Autophagy, 2012, 8, 350-363.	9.1	59
27	RUN and FYVE domainâ€“containing protein 4 enhances autophagy and lysosome tethering in response to Interleukin-4. Journal of Cell Biology, 2015, 210, 1133-1152.	5.2	58
28	Autophagy and MHC-restricted antigen presentation. Molecular Immunology, 2018, 99, 163-170.	2.2	56
29	BAD-LAMP controls TLR9 trafficking and signalling in human plasmacytoid dendritic cells. Nature Communications, 2017, 8, 913.	12.8	52
30	Ribosomal protein mRNAs are translationally-regulated during human dendritic cells activation by LPS. Immunome Research, 2009, 5, 5.	0.1	49
31	Yeast protein translocation complex: Isolation of two genes SEB1 and SEB2 encoding proteins homologous to the Sec61Î² subunit. Yeast, 1996, 12, 425-438.	1.7	47
32	Discovery of a new family of bis-8-hydroxyquinoline substituted benzylamines with pro-apoptotic activity in cancer cells: Synthesis, structureâ€“activity relationship, and action mechanism studies. European Journal of Medicinal Chemistry, 2009, 44, 558-567.	5.5	46
33	Cystatin F is secreted, but artificial modification of its C-terminus can induce its endocytic targeting. Experimental Cell Research, 2004, 297, 607-618.	2.6	42
34	Understanding the cell biology of antigen presentation: the dendritic cell contribution. Current Opinion in Cell Biology, 2003, 15, 468-473.	5.4	39
35	Identification and characterization of homologues of the Exocyst component Sec10p. FEBS Letters, 1997, 404, 135-139.	2.8	38
36	LAMP5 Fine-Tunes GABAergic Synaptic Transmission in Defined Circuits of the Mouse Brain. PLoS ONE, 2016, 11, e0157052.	2.5	36

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37	SunRiSE: measuring translation elongation at single cell resolution by flow cytometry. Journal of Cell Science, 2018, 131, .	2.0	32
38	MARCH9â€mediated ubiquitination regulates MHC I export from the TGN. Immunology and Cell Biology, 2017, 95, 753-764.	2.3	31
39	BAD-LAMP is a novel biomarker of nonactivated human plasmacytoid dendritic cells. Blood, 2011, 118, 609-617.	1.4	30
40	The endosomal proteome of macrophage and dendritic cells. Proteomics, 2011, 11, 854-864.	2.2	30
41	Invariant Chain Controls H2-M Proteolysis in Mouse Splenocytes and Dendritic Cells. Journal of Experimental Medicine, 2000, 191, 1057-1062.	8.5	29
42	BAD-LAMP defines a subset of early endocytic organelles in subpopulations of cortical projection neurons. Journal of Cell Science, 2007, 120, 353-365.	2.0	29
43	DC-ATLAS: a systems biology resource to dissect receptor specific signal transduction in dendritic cells. Immunome Research, 2010, 6, 10.	0.1	23
44	TRNA mutations that affect decoding fidelity deregulate development and the proteostasis network in zebrafish. RNA Biology, 2014, 11, 1199-1213.	3.1	20
45	Regulation of protein synthesis and autophagy in activated dendritic cells: implications for antigen processing and presentation. Immunological Reviews, 2016, 272, 28-38.	6.0	20
46	In vivo imaging of the spatiotemporal activity of the eIF2Î±-ATF4 signaling pathway: Insights into stress and related disorders. Science Signaling, 2015, 8, rs5.	3.6	18
47	RUFY4: Immunity piggybacking on autophagy?. Autophagy, 2016, 12, 598-600.	9.1	18
48	Evolutionary conservation of genomic sequences related to the GGP1 gene encoding a yeast GPI-anchored glycoprotein. Current Genetics, 1993, 23, 19-21.	1.7	15
49	Guanabenz Prevents d-Galactosamine/Lipopolysaccharide-Induced Liver Damage and Mortality. Frontiers in Immunology, 2017, 8, 679.	4.8	15
50	Guanabenz inhibits TLR9 signaling through a pathway that is independent of eIF2Î± dephosphorylation by the GADD34/PP1c complex. Science Signaling, 2018, 11, .	3.6	15
51	Polymerase III transcription is necessary for T cell priming by dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22721-22729.	7.1	15
52	Unfolded protein response gene GADD34 is overexpressed in rheumatoid arthritis and related to the presence of circulating anti-citrullinated protein antibodies. Autoimmunity, 2016, 49, 172-178.	2.6	13
53	Protein synthesis regulation, a pillar of strength for innate immunity?. Current Opinion in Immunology, 2015, 32, 28-35.	5.5	12
54	Detection of a Subset of Posttranscriptional Transfer RNA Modificationsin Vivowith a Restriction Fragment Length Polymorphism-Based Method. Biochemistry, 2017, 56, 4029-4038.	2.5	12

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55	LAMP-5 is an essential inflammatory-signaling regulator and novel immunotherapy target for mixed lineage leukemia-rearranged acute leukemia. Haematologica, 2022, 107, 803-815.	3.5	9
56	Proteostasis in dendritic cells is controlled by the PERK signaling axis independently of ATF4. Life Science Alliance, 2021, 4, e202000865.	2.8	9
57	RUFY4 exists as two translationally regulated isoforms, that localize to the mitochondrion in activated macrophages. Royal Society Open Science, 2021, 8, 202333.	2.4	3
58	Monitoring MHC Ubiquitination by MARCH Ubiquitin Ligases. Methods in Molecular Biology, 2019, 1988, 259-270.	0.9	2
59	MHC-II Ubiquitination. Methods in Molecular Biology, 2013, 960, 517-527.	0.9	2
60	Loss of translation: a stealth weapon against pathogens?. Nature Immunology, 2013, 14, 1203-1205.	14.5	1
61	ZENITH: A Flow Cytometry Based Method for Functional Profiling Energy Metabolism with Single Cell Resolution. SSRN Electronic Journal, 0, , .	0.4	0