Alessandra Mortellaro

List of Publications by Year
in descending order

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57 papers	4,057 citations	172207 29 h-index	155451 55 g-index
59 all docs	59 docs citations	59 times ranked	6638 citing authors

#	Article	IF	Citations
1	T cells and monocytes: A dangerous liaison in adenosine deaminase 2 deficiency. Journal of Leukocyte Biology, 2022, 111, 297-299.	1.5	5
2	Hematopoietic Tumors in a Mouse Model of X-linked Chronic Granulomatous Disease after Lentiviral Vector-Mediated Gene Therapy. Molecular Therapy, 2021, 29, 86-102.	3.7	17
3	Update on Clinical ExÂVivo Hematopoietic Stem Cell Gene Therapy for Inherited Monogenic Diseases. Molecular Therapy, 2021, 29, 489-504.	3.7	46
4	Targeting Glycolysis in Macrophages Confers Protection Against Pancreatic Ductal Adenocarcinoma. International Journal of Molecular Sciences, 2021, 22, 6350.	1.8	15
5	Lentiviral correction of enzymatic activity restrains macrophage inflammation in adenosine deaminase 2 deficiency. Blood Advances, 2021, 5, 3174-3187.	2.5	18
6	The Inflammasome Adaptor ASC Intrinsically Limits CD4+ T-Cell Proliferation to Help Maintain Intestinal Homeostasis. Frontiers in Immunology, 2019, 10, 1566.	2.2	15
7	Tyrosine Dephosphorylation of ASC Modulates the Activation of the NLRP3 and AIM2 Inflammasomes. Frontiers in Immunology, 2019, 10, 1556.	2.2	23
8	Inhibition of NLRP3 inflammasome activation by cell-permeable stapled peptides. Scientific Reports, 2019, 9, 4913.	1.6	14
9	The NLRP3 Inflammasome May Contribute to Pathologic Neovascularization in the Advanced Stages of Diabetic Retinopathy. Scientific Reports, 2018, 8, 2847.	1.6	105
10	Calcineurin-mediated IL-2 production by CD11chighMHCII+ myeloid cells is crucial for intestinal immune homeostasis. Nature Communications, 2018, 9, 1102.	5.8	26
11	NLRP3 inflammasome pathway has a critical role in the host immunity against clinically relevant Acinetobacter baumannii pulmonary infection. Mucosal Immunology, 2018, 11, 257-272.	2.7	47
12	Calcineurin B in CD4+ T Cells Prevents Autoimmune Colitis by Negatively Regulating the JAK/STAT Pathway. Frontiers in Immunology, 2018, 9, 261.	2.2	10
13	The Sykâ€“NFATâ€“IL-2 Pathway in Dendritic Cells Is Required for Optimal Sterile Immunity Elicited by Alum Adjuvants. Journal of Immunology, 2017, 198, 196-204.	0.4	28
14	Salmonella typhimurium-induced IL-1 release from primary human monocytes requires NLRP3 and can occur in the absence of pyroptosis. Scientific Reports, 2017, 7, 6861.	1.6	30
15	Nod2 is required for the early innate immune clearance of Acinetobacter baumannii from the lungs. Scientific Reports, 2017, 7, 17429.	1.6	22
16	E3 Ubiquitin ligase ZNRF4 negatively regulates NOD2 signalling and induces tolerance to MDP. Nature Communications, 2017, 8, 15865.	5.8	26
17	C5a Regulates IL-1Î² Production and Leukocyte Recruitment in a Murine Model of Monosodium Urate Crystal-Induced Peritonitis. Frontiers in Pharmacology, 2017, 8, 10.	1.6	53
18	NLRP10 Enhances CD4+ T-Cell-Mediated IFNÎ³ Response via Regulation of Dendritic Cell-Derived IL-12 Release. Frontiers in Immunology, 2017, 8, 1462.	2.2	21

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19	Continuous time Bayesian networks identify Prdm1 as a negative regulator of TH17 cell differentiation in humans. Scientific Reports, 2016, 6, 23128.	1.6	12
20	Investigating IL-1Î² Secretion Using Real-Time Single-Cell Imaging. Methods in Molecular Biology, 2016, 1417, 75-88.	0.4	0
21	Inflammasome-dependent IL-1Î² release depends upon membrane permeabilisation. Cell Death and Differentiation, 2016, 23, 1219-1231.	5.0	214
22	Novel perspectives on non-canonical inflammasome activation. ImmunoTargets and Therapy, 2015, 4, 131.	2.7	39
23	CD103+ Dendritic Cells Control Th17 Cell Function in the Lung. Cell Reports, 2015, 12, 1789-1801.	2.9	89
24	Human caspase-4 and caspase-5 regulate the one-step non-canonical inflammasome activation in monocytes. Nature Communications, 2015, 6, 8761.	5.8	271
25	Genome-wide analysis of the genetic regulation of gene expression in human neutrophils. Nature Communications, 2015, 6, 7971.	5.8	23
26	A unique role for p53 in the regulation of M2 macrophage polarization. Cell Death and Differentiation, 2015, 22, 1081-1093.	5.0	118
27	Tyrosine kinases: the molecular switch for inflammasome activation. Cellular and Molecular Immunology, 2014, 11, 129-131.	4.8	9
28	A novel human anti-interleukin-1Î² neutralizing monoclonal antibody showing in vivo efficacy. MAbs, 2014, 6, 764-772.	2.6	47
29	The Nod1, Nod2, and Rip2 Axis Contributes to Host Immune Defense against Intracellular Acinetobacter baumannii Infection. Infection and Immunity, 2014, 82, 1112-1122.	1.0	51
30	<scp>NLRPs</scp>, microbiota, and gut homeostasis: unravelling the connection. Journal of Pathology, 2014, 233, 321-330.	2.1	58
31	189. Cytokine, 2014, 70, 73-74.	1.4	1
32	NLRC4 gets out of control. Nature Genetics, 2014, 46, 1048-1049.	9.4	5
33	GM-CSFâ€“Licensed CD11b+ Lung Dendritic Cells Orchestrate Th2 Immunity to Blomia tropicalis. Journal of Immunology, 2014, 193, 496-509.	0.4	63
34	The <scp>NLRP</scp>3 inflammasome affects <scp>DNA</scp> damage responses after oxidative and genotoxic stress in dendritic cells. European Journal of Immunology, 2013, 43, 2126-2137.	1.6	52
35	Caspaseâ€1: The driving factor for noncanonical inflammasomes. European Journal of Immunology, 2013, 43, 2240-2245.	1.6	66
36	Cutting Edge: The NLRP3 Inflammasome Links Complement-Mediated Inflammation and IL-1Î² Release. Journal of Immunology, 2013, 191, 1006-1010.	0.4	173

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37	Synergism between Curdlan and GM-CSF Confers a Strong Inflammatory Signature to Dendritic Cells. Journal of Immunology, 2012, 188, 1789-1798.	0.4	25
38	CD80 and CD86 Differentially Regulate Mechanical Interactions of T-Cells with Antigen-Presenting Dendritic Cells and B-Cells. PLoS ONE, 2012, 7, e45185.	1.1	118
39	Calcineurin/NFAT signalling inhibits myeloid haematopoiesis. EMBO Molecular Medicine, 2012, 4, 269-282.	3.3	35
40	The rhapsody of NLRPs: master players of inflammation â€¦ and a lot more. Immunologic Research, 2012, 53, 78-90.	1.3	62
41	The inflammasomes in health and disease: from genetics to molecular mechanisms of autoinflammation and beyond. Cellular and Molecular Immunology, 2011, 8, 135-145.	4.8	91
42	From vaccine practice to vaccine science: the contribution of human immunology to the prevention of infectious disease. Immunology and Cell Biology, 2011, 89, 332-339.	1.0	20
43	Uric Acid-Driven Th17 Differentiation Requires Inflammasome-Derived IL-1 and IL-18. Journal of Immunology, 2011, 187, 5842-5850.	0.4	75
44	Mechanical Interactions between Dendritic Cells and T Cells Correlate with T Cell Responsiveness. Journal of Immunology, 2011, 187, 258-265.	0.4	49
45	The controversial relationship between NLRP3, alum, danger signals and the nextâ€generation adjuvants. European Journal of Immunology, 2010, 40, 638-642.	1.6	88
46	Synergism of NOD2 and NLRP3 activators promotes a unique transcriptional profile in murine dendritic cells. Journal of Leukocyte Biology, 2010, 88, 1207-1216.	1.5	24
47	The need to identify myeloid dendritic cell progenitors in human blood. Trends in Immunology, 2010, 31, 18-23.	2.9	11
48	Spotlight on mycobacteria and dendritic cells: will novel targets to fight tuberculosis emerge?. EMBO Molecular Medicine, 2009, 1, 19-29.	3.3	22
49	Generation of Murine Growth Factor-Dependent Long-Term Dendritic Cell Lines to Investigate Host-Parasite Interactions. Methods in Molecular Biology, 2009, 531, 17-27.	0.4	9
50	Dendritic cells as sensors of environmental perturbations. Microbes and Infection, 2008, 10, 990-994.	1.0	7
51	Probing Host Pathogen Cross-Talk by Transcriptional Profiling of Both Mycobacterium tuberculosis and Infected Human Dendritic Cells and Macrophages. PLoS ONE, 2008, 3, e1403.	1.1	172
52	Ex vivo gene therapy with lentiviral vectors rescues adenosine deaminase (ADA)â€“deficient mice and corrects their immune and metabolic defects. Blood, 2006, 108, 2979-2988.	0.6	76
53	Correction of ADA-SCID by Stem Cell Gene Therapy Combined with Nonmyeloablative Conditioning. Science, 2002, 296, 2410-2413.	6.0	1,081
54	Assessment of thymic output in common variable immunodeficiency patients by evaluation of T cell receptor excision circles. Clinical and Experimental Immunology, 2002, 129, 346-353.	1.1	59

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55	Immune reconstitution in ADA-SCID after PBL gene therapy and discontinuation of enzyme replacement. Nature Medicine, 2002, 8, 423-425.	15.2	205
56	Dendritic Cells and Their Tissue Microenvironment during Exposure to Pathogens. , 0, , 51-68.		0
57	Gasdermins: New Therapeutic Targets in Host Defense, Inflammatory Diseases, and Cancer. Frontiers in Immunology, 0, 13, .	2.2	15