

# Massimiliano Pagani

## List of Publications by Year in descending order

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74  
papers

6,442  
citations

87843

38  
h-index

82499

72  
g-index

76  
all docs

76  
docs citations

76  
times ranked

14004  
citing authors

#	ARTICLE	IF	CITATIONS
1	A High-Resolution Anatomical Atlas of the Transcriptome in the Mouse Embryo. <i>PLoS Biology</i> , 2011, 9, e1000582.	2.6	552
2	Transcriptional Landscape of Human Tissue Lymphocytes Unveils Uniqueness of Tumor-Infiltrating T Regulatory Cells. <i>Immunity</i> , 2016, 45, 1135-1147.	6.6	510
3	The International Human Epigenome Consortium: A Blueprint for Scientific Collaboration and Discovery. <i>Cell</i> , 2016, 167, 1145-1149.	13.5	404
4	The long intergenic noncoding RNA landscape of human lymphocytes highlights the regulation of T cell differentiation by linc-MAF-4. <i>Nature Immunology</i> , 2015, 16, 318-325.	7.0	300
5	ERO1-L, a Human Protein That Favors Disulfide Bond Formation in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2000, 275, 4827-4833.	1.6	264
6	Endoplasmic Reticulum Oxidoreductin 1-L <sup>1</sup> (ERO1-L <sup>1</sup> ), a Human Gene Induced in the Course of the Unfolded Protein Response. <i>Journal of Biological Chemistry</i> , 2000, 275, 23685-23692.	1.6	239
7	Plasticity of Human CD4 T Cell Subsets. <i>Frontiers in Immunology</i> , 2014, 5, 630.	2.2	234
8	Fatty acid metabolism complements glycolysis in the selective regulatory T cell expansion during tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6546-E6555.	3.3	234
9	Distinct microRNA signatures in human lymphocyte subsets and enforcement of the naive state in CD4+ T cells by the microRNA miR-125b. <i>Nature Immunology</i> , 2011, 12, 796-803.	7.0	222
10	Targeting EZH2 Reprograms Intratumoral Regulatory T Cells to Enhance Cancer Immunity. <i>Cell Reports</i> , 2018, 23, 3262-3274.	2.9	207
11	Preventing Bacterial Infections with Pilus-Based Vaccines: the Group B Streptococcus Paradigm. <i>Journal of Infectious Diseases</i> , 2009, 199, 108-115.	1.9	201
12	Substantial Histone Reduction Modulates Genomewide Nucleosomal Occupancy and Global Transcriptional Output. <i>PLoS Biology</i> , 2011, 9, e1001086.	2.6	193
13	Platelet-derived growth factor- $\alpha$ receptor is the cellular receptor for human cytomegalovirus gHgLgO trimer. <i>Nature Microbiology</i> , 2016, 1, 16082.	5.9	170
14	Single Cell T Cell Receptor Sequencing: Techniques and Future Challenges. <i>Frontiers in Immunology</i> , 2018, 9, 1638.	2.2	143
15	Faulty neuronal determination and cell polarization are reverted by modulating HD early phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E762-E771.	3.3	117
16	The Translational Machinery of Human CD4+ T Cells Is Poised for Activation and Controls the Switch from Quiescence to Metabolic Remodeling. <i>Cell Metabolism</i> , 2018, 28, 895-906.e5.	7.2	116
17	Metabolism of Phosphatidylinositol 4-Kinase III $\alpha$ -Dependent PI4P Is Subverted by HCV and Is Targeted by a 4-Anilino Quinazoline with Antiviral Activity. <i>PLoS Pathogens</i> , 2012, 8, e1002576.	2.1	108
18	LifeTime and improving European healthcare through cell-based interceptive medicine. <i>Nature</i> , 2020, 587, 377-386.	13.7	108

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19	IRF4 instructs effector Treg differentiation and immune suppression in human cancer. <i>Journal of Clinical Investigation</i> , 2020, 130, 3137-3150.	3.9	103
20	The CD4-centered universe of human T cell subsets. <i>Seminars in Immunology</i> , 2013, 25, 252-262.	2.7	96
21	The light and the dark sides of Interleukin-10 in immune-mediated diseases and cancer.. <i>Cytokine and Growth Factor Reviews</i> , 2016, 30, 87-93.	3.2	95
22	Role of microRNA and long non-coding RNA in CD4 <sup>+</sup> T cell differentiation. <i>Immunological Reviews</i> , 2013, 253, 82-96.	2.8	79
23	Intestinal IFN- $\gamma$ -producing type 1 regulatory T cells coexpress CCR5 and programmed cell death protein 1 and downregulate IL-10 in the inflamed guts of patients with inflammatory bowel disease. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1537-1547.e8.	1.5	79
24	Differences in serum and synovial CD4+ T cells and cytokine profiles to stratify patients with inflammatory osteoarthritis and rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2017, 19, 103.	1.6	77
25	Eomesodermin controls a unique differentiation program in human IL-10 and IFN- $\gamma$ coproducing regulatory T cells. <i>European Journal of Immunology</i> , 2019, 49, 96-111.	1.6	72
26	Defects During <i>Mecp2</i> Null Embryonic Cortex Development Precede the Onset of Overt Neurological Symptoms. <i>Cerebral Cortex</i> , 2016, 26, 2517-2529.	1.6	67
27	Intracellular Modulation, Extracellular Disposal and Serum Increase of MiR-150 Mark Lymphocyte Activation. <i>PLoS ONE</i> , 2013, 8, e75348.	1.1	66
28	A Subset of Colorectal Cancers with Cross-Sensitivity to Olaparib and Oxaliplatin. <i>Clinical Cancer Research</i> , 2020, 26, 1372-1384.	3.2	66
29	Extracellular MicroRNA Signature of Human Helper T Cell Subsets in Health and Autoimmunity. <i>Journal of Biological Chemistry</i> , 2017, 292, 2903-2915.	1.6	63
30	Reduction of CD68+ Macrophages and Decreased IL-17 Expression in Intestinal Mucosa of Patients with Inflammatory Bowel Disease Strongly Correlate With Endoscopic Response and Mucosal Healing following Infliximab Therapy. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 729-739.	0.9	62
31	Recognition of viral and self-antigens by T H 1 and T H 1/T H 17 central memory cells in patients with multiple sclerosis reveals distinct roles in immune surveillance and relapses. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 797-808.	1.5	59
32	Circulating Hepatitis B Surface Antigen Particles Carry Hepatocellular microRNAs. <i>PLoS ONE</i> , 2012, 7, e31952.	1.1	58
33	The Enigmatic Role of Viruses in Multiple Sclerosis: Molecular Mimicry or Disturbed Immune Surveillance?. <i>Trends in Immunology</i> , 2017, 38, 498-512.	2.9	56
34	Serum microRNAs as Biomarkers of Human Lymphocyte Activation in Health and Disease. <i>Frontiers in Immunology</i> , 2014, 5, 43.	2.2	50
35	IL-21 Is a Central Memory T Cell-Associated Cytokine That Inhibits the Generation of Pathogenic Th1/17 Effector Cells. <i>Journal of Immunology</i> , 2014, 193, 3322-3331.	0.4	48
36	Human Cortical Organoids Expose a Differential Function of GSK3 on Cortical Neurogenesis. <i>Stem Cell Reports</i> , 2019, 13, 847-861.	2.3	48

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37	The C-terminal domain of yeast Ero1p mediates membrane localization and is essential for function. <i>FEBS Letters</i> , 2001, 508, 117-120.	1.3	46
38	IL-10 promotes homeostatic proliferation of human CD8 <sup>+</sup> memory T cells and, when produced by CD1c <sup>+</sup> DCs, shapes naive CD8 <sup>+</sup> T cell priming. <i>European Journal of Immunology</i> , 2016, 46, 1622-1632.	1.6	45
39	miR-17-1/492 family clusters control iNKT cell ontogenesis via modulation of TGF- $\beta$ signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8286-E8295.	3.3	44
40	Epigenomic landscape of human colorectal cancer unveils an aberrant core of pan-cancer enhancers orchestrated by YAP/TAZ. <i>Nature Communications</i> , 2021, 12, 2340.	5.8	43
41	The coding and long noncoding single-cell atlas of the developing human fetal striatum. <i>Science</i> , 2021, 372, .	6.0	40
42	Identification of New Autoantigens by Protein Array Indicates a Role for IL4 Neutralization in Autoimmune Hepatitis. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1885-1897.	2.5	38
43	IL-10 <sup>-</sup> producing forkhead box protein 3 <sup>-</sup> negative regulatory T cells inhibit B-cell responses and are involved in systemic lupus erythematosus. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 318-321.e5.	1.5	37
44	Clonally expanded EOMES <sup>+</sup> Tr1-like cells in primary and metastatic tumors are associated with disease progression. <i>Nature Immunology</i> , 2021, 22, 735-745.	7.0	36
45	Reverse plasticity: TGF- $\beta$ and IL-6 induce Th1 $\rightarrow$ Th17 cell transdifferentiation in the gut. <i>European Journal of Immunology</i> , 2016, 46, 2306-2310.	1.6	35
46	A cytosolic Ezh1 isoform modulates a PRC2 <sup>-</sup> Ezh1 epigenetic adaptive response in postmitotic cells. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 444-452.	3.6	35
47	Evidence for a pathogenic role of extrafollicular, IL-10 <sup>-</sup> producing CCR6 <sup>+</sup> B helper T cells in systemic lupus erythematosus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7305-7316.	3.3	35
48	De novo transcriptome profiling of highly purified human lymphocytes primary cells. <i>Scientific Data</i> , 2015, 2, 150051.	2.4	33
49	Repression of miR-31 by BCL6 stabilizes the helper function of human follicular helper T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12797-12802.	3.3	31
50	SBDS-Deficient Cells Have an Altered Homeostatic Equilibrium due to Translational Inefficiency Which Explains their Reduced Fitness and Provides a Logical Framework for Intervention. <i>PLoS Genetics</i> , 2017, 13, e1006552.	1.5	31
51	Signal Strength and Metabolic Requirements Control Cytokine-Induced Th17 Differentiation of Uncommitted Human T Cells. <i>Journal of Immunology</i> , 2015, 195, 3617-3627.	0.4	29
52	NS5A Inhibitors Impair NS5A <sup>-</sup> Phosphatidylinositol 4-Kinase III $\pm$ Complex Formation and Cause a Decrease of Phosphatidylinositol 4-Phosphate and Cholesterol Levels in Hepatitis C Virus-Associated Membranes. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7128-7140.	1.4	28
53	Biogem: an effective tool-based approach for scaling up open source software development in bioinformatics. <i>Bioinformatics</i> , 2012, 28, 1035-1037.	1.8	27
54	Lack of Methyl-CpG Binding Protein 2 (MeCP2) Affects Cell Fate Refinement During Embryonic Cortical Development. <i>Cerebral Cortex</i> , 2018, 28, 1846-1856.	1.6	27

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55	Long Intergenic Non-Coding RNAs: Novel Drivers of Human Lymphocyte Differentiation. <i>Frontiers in Immunology</i> , 2015, 6, 175.	2.2	21
56	miRiadne: a web tool for consistent integration of miRNA nomenclature. <i>Nucleic Acids Research</i> , 2015, 43, W487-W492.	6.5	21
57	Analysis RNA-seq and Noncoding RNA. <i>Methods in Molecular Biology</i> , 2016, 1480, 125-135.	0.4	21
58	Next-Generation Sequencing Analysis of Long Noncoding RNAs in CD4+ T Cell Differentiation. <i>Methods in Molecular Biology</i> , 2017, 1514, 173-185.	0.4	20
59	PIP4Ks impact on PI3K, FOXP3, and UHRF1 signaling and modulate human regulatory T cell proliferation and immunosuppressive activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	20
60	Single cell-derived spheroids capture the self-renewing subpopulations of metastatic ovarian cancer. <i>Cell Death and Differentiation</i> , 2022, 29, 614-626.	5.0	20
61	Reference proteome of highly purified human Th1 cells reveals strong effects on metabolism and protein ubiquitination upon differentiation. <i>Proteomics</i> , 2015, 15, 3644-3647.	1.3	14
62	Hepatitis C Virus Deletion Mutants Are Found in Individuals Chronically Infected with Genotype 1 Hepatitis C Virus in Association with Age, High Viral Load and Liver Inflammatory Activity. <i>PLoS ONE</i> , 2015, 10, e0138546.	1.1	14
63	Uncontrolled IL-17 Production by Intraepithelial Lymphocytes in a Case of non-IPEX Autoimmune Enteropathy. <i>Clinical and Translational Gastroenterology</i> , 2016, 7, e182.	1.3	13
64	OligoMinerApp: a web-server application for the design of genome-scale oligonucleotide in situ hybridization probes through the flexible OligoMiner environment. <i>Nucleic Acids Research</i> , 2020, 48, W332-W339.	6.5	13
65	A novel polyclonal antibody library for expression profiling of poorly characterized, membrane and secreted human proteins. <i>Journal of Proteomics</i> , 2011, 75, 532-547.	1.2	11
66	The circulating microRNome demonstrates distinct lymphocyte subset-dependent signatures. <i>European Journal of Immunology</i> , 2016, 46, 725-731.	1.6	11
67	The Association of HIV-1 Tat with Nuclei Is Regulated by Ca <sup>2+</sup> Ions and Cytosolic Factors. <i>Journal of Biological Chemistry</i> , 1997, 272, 11256-11260.	1.6	9
68	Pathologic up-regulation of TNFSF15-TNFRSF25 axis sustains endothelial dysfunction in unprovoked venous thromboembolism. <i>Cardiovascular Research</i> , 2020, 116, 698-707.	1.8	8
69	The enhancement of activity rescues the establishment of <i>Mecp2</i> null neuronal phenotypes. <i>EMBO Molecular Medicine</i> , 2021, 13, e12433.	3.3	8
70	Chromium 10A— Single-Cell mRNA Sequencing of Tumor-Infiltrating Lymphocytes. <i>Methods in Molecular Biology</i> , 2019, 1979, 87-110.	0.4	7
71	Ex vivo microRNA and gene expression profiling of human Tr1-like cells suggests a role for miR-92a and miR-125a in the regulation of EOMES and IL10R. <i>European Journal of Immunology</i> , 2021, 51, 3243-3246.	1.6	2
72	Identification of New Hematopoietic Cell Subsets with a Polyclonal Antibody Library Specific for Neglected Proteins. <i>PLoS ONE</i> , 2012, 7, e34395.	1.1	1

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73	A Simplified Amino Acidic Alphabet to Unveil the T-Cells Receptors Antigens: A Computational Perspective. <i>Frontiers in Chemistry</i> , 2021, 9, 598802.	1.8	0
74	Identification of serum microRNAs in patients with Lymphangiomyomatosis. , 2017, , .		0