

# Silvia Monticelli

## List of Publications by Year in descending order

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48  
papers

2,966  
citations

279487

23  
h-index

214527

47  
g-index

81  
all docs

81  
docs citations

81  
times ranked

6005  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogen-induced human TH17 cells produce IFN- $\gamma$ or IL-10 and are regulated by IL-1 $\beta$ . <i>Nature</i> , 2012, 484, 514-518.	13.7	835
2	MicroRNA profiling of the murine hematopoietic system. <i>Genome Biology</i> , 2005, 6, R71.	13.9	388
3	MiR-146a in Immunity and Disease. <i>Molecular Biology International</i> , 2011, 2011, 1-7.	1.7	177
4	<i>Dnmt3a</i> restrains mast cell inflammatory responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1490-E1499.	3.3	108
5	NFAT1 and NFAT2 are positive regulators of IL-4 gene transcription. <i>European Journal of Immunology</i> , 2002, 32, 2971-2978.	1.6	104
6	Deletion of a conserved Il4 silencer impairs T helper type 1-mediated immunity. <i>Nature Immunology</i> , 2004, 5, 1251-1259.	7.0	103
7	MicroRNA-221/222 Regulate the Cell Cycle in Mast Cells. <i>Journal of Immunology</i> , 2009, 182, 433-445.	0.4	95
8	Chromatin-level Regulation of the IL10 Gene in T Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 46818-46825.	1.6	93
9	Role of NFAT Proteins in IL13 Gene Transcription in Mast Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 36210-36218.	1.6	84
10	MiR-221 Influences Effector Functions and Actin Cytoskeleton in Mast Cells. <i>PLoS ONE</i> , 2011, 6, e26133.	1.1	81
11	Short-term memory of danger signals and environmental stimuli in immune cells. <i>Nature Immunology</i> , 2013, 14, 777-784.	7.0	77
12	Transcriptional determination and functional specificity of myeloid cells: making sense of diversity. <i>Nature Reviews Immunology</i> , 2017, 17, 595-607.	10.6	75
13	TET2 Regulates Mast Cell Differentiation and Proliferation through Catalytic and Non-catalytic Activities. <i>Cell Reports</i> , 2016, 15, 1566-1579.	2.9	73
14	MicroRNAs in hematopoietic development. <i>BMC Immunology</i> , 2014, 15, 14.	0.9	64
15	To E or not to E? Can an IL-4-Induced B Cell Choose between IgE and IgG4?. <i>International Archives of Allergy and Immunology</i> , 1998, 116, 1-4.	0.9	62
16	miR-146a and NF- $\kappa$ B1 Regulate Mast Cell Survival and T Lymphocyte Differentiation. <i>Molecular and Cellular Biology</i> , 2012, 32, 4432-4444.	1.1	56
17	A molecular network regulating the proinflammatory phenotype of human memory T lymphocytes. <i>Nature Immunology</i> , 2020, 21, 388-399.	7.0	56
18	A role for microRNAs in the development of the immune system and in the pathogenesis of cancer. <i>Seminars in Cancer Biology</i> , 2008, 18, 79-88.	4.3	55

#	ARTICLE	IF	CITATIONS
19	The role of miRNA in mast cells and other innate immune cells. <i>Immunological Reviews</i> , 2013, 253, 12-24.	2.8	52
20	MicroRNAs in T helper cell differentiation and plasticity. <i>Seminars in Immunology</i> , 2013, 25, 291-298.	2.7	38
21	ERK phosphorylation and miR-181a expression modulate activation of human memory TH17 cells. <i>Nature Communications</i> , 2015, 6, 6431.	5.8	35
22	Macrophage Activation: Glancing into Diversity. <i>Immunity</i> , 2014, 40, 175-177.	6.6	30
23	Chromatin-based regulation of cytokine transcription in Th2 cells and mast cells. <i>International Immunology</i> , 2005, 17, 1513-1524.	1.8	26
24	Epigenetic and transcriptional control of mast cell responses. <i>F1000Research</i> , 2017, 6, 2064.	0.8	19
25	The contribution of active and passive mechanisms of 5mC and 5hmC removal in human T lymphocytes is differentiation- and activation-dependent. <i>European Journal of Immunology</i> , 2019, 49, 611-625.	1.6	16
26	Stable Overexpression of miRNAs in Bone Marrow-Derived Murine Mast Cells Using Lentiviral Expression Vectors. <i>Methods in Molecular Biology</i> , 2010, 667, 205-214.	0.4	15
27	Epigenetics of T lymphocytes in health and disease. <i>Swiss Medical Weekly</i> , 2015, 145, w14191.	0.8	13
28	Two Functionally Distinct Subsets of Mast Cells Discriminated By IL-2-Independent CD25 Activities. <i>Journal of Immunology</i> , 2014, 193, 2196-2206.	0.4	12
29	Reduced DNA methylation and hydroxymethylation in patients with systemic mastocytosis. <i>European Journal of Haematology</i> , 2015, 95, 566-575.	1.1	11
30	The many faces of CD4 T cells: Roles in immunity and disease. <i>Seminars in Immunology</i> , 2013, 25, 249-251.	2.7	10
31	Myb proteins repress human Ig $\mu$ germline transcription by inhibiting STAT6-dependent promoter activation. <i>Molecular Immunology</i> , 2002, 38, 1129-1138.	1.0	8
32	Genomics and the immune system. <i>Immunology</i> , 2008, 124, 23-32.	2.0	8
33	MicroRNAs as modulators of T cell functions in cancer. <i>Cancer Letters</i> , 2018, 430, 172-178.	3.2	8
34	Vitamin D and IFN- $\gamma$ Modulate the Inflammatory Gene Expression Program of Primary Human T Lymphocytes. <i>Frontiers in Immunology</i> , 2020, 11, 566781.	2.2	8
35	Rebound of disease activity after fingolimod withdrawal: Immunological and gene expression profiling. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 40, 101927.	0.9	8
36	Regulation of Human Epsilon Germline Transcription: Role of B-Cell-Specific Activator Protein. <i>International Archives of Allergy and Immunology</i> , 1997, 113, 35-38.	0.9	7

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37	Regulation of gene expression in mast cells: micro-rNA expression and chromatin structural analysis of cytokine genes. Novartis Foundation Symposium, 2005, 271, 179-87; discussion 187-90, 198-9.	1.2	7
38	DNA (Hydroxy)Methylation in T Helper Lymphocytes. Trends in Biochemical Sciences, 2019, 44, 589-598.	3.7	6
39	An optimized workflow for CRISPR-Cas9 deletion of surface and intracellular factors in primary human T lymphocytes. PLoS ONE, 2021, 16, e0247232.	1.1	6
40	RNA-binding proteins and RNA methylation in myeloid cells. Immunological Reviews, 2021, 304, 51-61.	2.8	6
41	Human Mast Cells and Mastocytosis: Harnessing MicroRNA Expression as a New Approach to Therapy?. Archivum Immunologiae Et Therapiae Experimentalis, 2010, 58, 279-286.	1.0	5
42	Negative regulators take center stage. Nature Immunology, 2012, 13, 719-720.	7.0	5
43	Approaches to Detect microRNA Expression in T Cell Subsets and T Cell Differentiation. Methods in Molecular Biology, 2017, 1514, 153-172.	0.4	5
44	Cell-intrinsic mechanisms to restrain inflammatory responses in T lymphocytes. Immunological Reviews, 2021, 300, 181-193.	2.8	5
45	RFX transcription factors control a miR-150/PDAP1 axis that restrains the proliferation of human T cells. PLoS Biology, 2022, 20, e3001538.	2.6	4
46	Emerging roles for RNA-binding proteins in T lymphocytes. Immunology Letters, 2022, 246, 52-56.	1.1	4
47	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 IL-10R. European Journal of Immunology, 2021, 51, 3243-3246.	1.6	2
48	MicroRNAs in Hematopoietic Development. Molecular Medicine and Medicinal, 2010, , 125-148.	0.4	0