Mark M Chong

List of Publications by Year
in descending order

#	Article	IF	Citations
1	TGF-Î²-induced Foxp3 inhibits TH17 cell differentiation by antagonizing RORÎ³t function. Nature, 2008, 453, 236-240.	27.8	1,649
2	Plasticity of CD4+ T Cell Lineage Differentiation. Immunity, 2009, 30, 646-655.	14.3	1,306
3	A dicer-independent miRNA biogenesis pathway that requires Ago catalysis. Nature, 2010, 465, 584-589.	27.8	929
4	DICER1 deficit induces Alu RNA toxicity in age-related macular degeneration. Nature, 2011, 471, 325-330.	27.8	573
5	The RNAseIII enzyme Drosha is critical in T cells for preventing lethal inflammatory disease. Journal of Experimental Medicine, 2008, 205, 2005-2017.	8.5	343
6	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. Nature Immunology, 2016, 17, 1300-1311.	14.5	288
7	Canonical and alternate functions of the microRNA biogenesis machinery. Genes and Development, 2010, 24, 1951-1960.	5.9	203
8	Transcription factors RUNX1 and RUNX3 in the induction and suppressive function of Foxp3+ inducible regulatory T cells. Journal of Experimental Medicine, 2009, 206, 2701-2715.	8.5	183
9	Runx-CBFÎ² complexes control expression of the transcription factor Foxp3 in regulatory T cells. Nature Immunology, 2009, 10, 1170-1177.	14.5	181
10	Diverse Endonucleolytic Cleavage Sites in the Mammalian Transcriptome Depend upon MicroRNAs, Drosha, and Additional Nucleases. Molecular Cell, 2010, 38, 781-788.	9.7	170
11	Suppressor of Cytokine Signaling-1 Is a Critical Regulator of Interleukin-7-Dependent CD8+ T Cell Differentiation. Immunity, 2003, 18, 475-487.	14.3	155
12	Drosha regulates neurogenesis by controlling Neurogenin 2 expression independent of microRNAs. Nature Neuroscience, 2012, 15, 962-969.	14.8	117
13	Suppressor of Cytokine Signaling-1 Regulates Signaling in Response to Interleukin-2 and Other Î³c-dependent Cytokines in Peripheral T Cells. Journal of Biological Chemistry, 2003, 278, 22755-22761.	3.4	113
14	The inducible deletion of Drosha and microRNAs in mature podocytes results in a collapsing glomerulopathy. Kidney International, 2011, 80, 719-730.	5.2	105
15	Suppressor of Cytokine Signaling-1 Overexpression Protects Pancreatic Î² Cells from CD8+ T Cell-Mediated Autoimmune Destruction. Journal of Immunology, 2004, 172, 5714-5721.	0.8	96
16	Inducible deletion of epidermal <i>Dicer</i> and <i>Drosha</i> reveals multiple functions for miRNAs in postnatal skin. Development (Cambridge), 2012, 139, 1405-1416.	2.5	80
17	Dynamic MicroRNA Gene Transcription and Processing during T Cell Development. Journal of Immunology, 2012, 188, 3257-3267.	0.8	80
18	Suppressor of cytokine signaling-1 in T cells and macrophages is critical for preventing lethal inflammation. Blood, 2005, 106, 1668-1675.	1.4	79

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19	Dicer1-mediated miRNA processing shapes the mRNA profile and function of murine platelets. Blood, 2016, 127, 1743-1751.	1.4	79
20	MicroRNA-independent roles of the RNase III enzymes Drosha and Dicer. Open Biology, 2013, 3, 130144.	3.6	70
21	Suppressor of Cytokine Signaling-1 Regulates the Sensitivity of Pancreatic Î² Cells to Tumor Necrosis Factor. Journal of Biological Chemistry, 2002, 277, 27945-27952.	3.4	68
22	Roquin binds microRNA-146a and Argonaute2 to regulate microRNA homeostasis. Nature Communications, 2015, 6, 6253.	12.8	59
23	Epigenetic propagation of CD4 expression is established by the<i>Cd4</i>proximal enhancer in helper T cells. Genes and Development, 2010, 24, 659-669.	5.9	58
24	Perforin and Fas induced by IFNÎ³ and TNFÎ± mediate beta cell death by OT-I CTL. International Immunology, 2006, 18, 837-846.	4.0	52
25	Â-Interferon Signaling in Pancreatic Â-Cells Is Persistent but Can Be Terminated by Overexpression of Suppressor of Cytokine Signaling-1. Diabetes, 2001, 50, 2744-2751.	0.6	43
26	Fas Is Detectable on Î² Cells in Accelerated, But Not Spontaneous, Diabetes in Nonobese Diabetic Mice. Journal of Immunology, 2003, 170, 6292-6297.	0.8	43
27	MicroRNAs in CD4 + T cell subsets are markers of disease risk and T cell dysfunction in individuals at risk for type 1 diabetes. Journal of Autoimmunity, 2016, 68, 52-61.	6.5	42
28	Socs1 Deficiency Enhances Hepatic Insulin Signaling. Journal of Biological Chemistry, 2005, 280, 31516-31521.	3.4	35
29	miRNAs Are Essential for the Regulation of the PI3K/AKT/FOXO Pathway and Receptor Editing during BÂCell Maturation. Cell Reports, 2016, 17, 2271-2285.	6.4	34
30	RUNX Transcription Factor-Mediated Association of Cd4 and Cd8 Enables Coordinate Gene Regulation. Immunity, 2011, 34, 303-314.	14.3	32
31	The role of microRNAs in lymphopoiesis. International Journal of Hematology, 2014, 100, 246-253.	1.6	32
32	Early postnatal ablation of the microRNA-processing enzyme, Drosha, causes chondrocyte death and impairs the structural integrity of the articular cartilage. Osteoarthritis and Cartilage, 2015, 23, 1214-1220.	1.3	32
33	Drosha controls dendritic cell development by cleaving messenger RNAs encoding inhibitors of myelopoiesis. Nature Immunology, 2015, 16, 1134-1141.	14.5	32
34	Severe Pancreatitis with Exocrine Destruction and Increased Islet Neogenesis in Mice with Suppressor of Cytokine Signaling-1 Deficiency. American Journal of Pathology, 2004, 165, 913-921.	3.8	23
35	The miR-17â¼92a Cluster of MicroRNAs Is Required for the Fitness of Foxp3+ Regulatory T Cells. PLoS ONE, 2014, 9, e88997.	2.5	19
36	Many routes to a micro RNA. IUBMB Life, 2011, 63, 972-978.	3.4	17

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37	Granzyme A Deficiency Breaks Immune Tolerance and Promotes Autoimmune Diabetes Through a Type I Interferonâ€"Dependent Pathway. Diabetes, 2017, 66, 3041-3050.	0.6	17
38	Regulating gene expression in animals through RNA endonucleolytic cleavage. Heliyon, 2018, 4, e00908.	3.2	16
39	The RNAseIII enzyme Drosha is critical in T cells for preventing lethal inflammatory disease. Journal of Experimental Medicine, 2008, 205, 2449-2449.	8.5	12
40	Virus-host interactions: new insights from the small RNA world. Genome Biology, 2005, 6, 238.	9.6	11
41	A Role for the Mitochondrial Protein Mrpl44 in Maintaining OXPHOS Capacity. PLoS ONE, 2015, 10, e0134326.	2.5	11
42	The Role of Cytokines as Effectors of Tissue Destruction in Autoimmunity. Advances in Experimental Medicine and Biology, 2003, 520, 73-86.	1.6	10
43	Perturbed thymopoiesis in vitro in the absence of suppressor of cytokine signalling 1 and 3. Molecular Immunology, 2008, 45, 2888-2896.	2.2	9
44	A microRNA expression atlas of mouse dendritic cell development. Immunology and Cell Biology, 2015, 93, 480-485.	2.3	9
45	A comparison of alternative mRNA splicing in the CD4 and CD8 T cell lineages. Molecular Immunology, 2021, 133, 53-62.	2.2	9
46	Single-Cell RNA Sequencing Approaches for Tracing T Cell Development. Journal of Immunology, 2021, 207, 363-370.	0.8	4
47	DROSHA but not DICER is required for human haematopoietic stem cell function. Clinical and Translational Immunology, 2022, 11, e1361.	3.8	1
48	Inhibition of the antigen-presenting ability of dendritic cells by non-structural protein 2 of influenza A virus. Veterinary Microbiology, 2022, 267, 109392.	1.9	1
49	Expression of the miRâ€17~92a cluster of microRNAs by regulatory T cells controls blood glucose homeostasis. Immunology and Cell Biology, 2022, 100, 101-111.	2.3	0