

Mark M Chong

List of Publications by Year in descending order

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49
papers

7,530
citations

159358

30
h-index

205818

48
g-index

50
all docs

50
docs citations

50
times ranked

11895
citing authors

#	ARTICLE	IF	CITATIONS
1	TGF- β -induced Foxp3 inhibits TH17 cell differentiation by antagonizing ROR γ t function. <i>Nature</i> , 2008, 453, 236-240.	13.7	1,649
2	Plasticity of CD4+ T Cell Lineage Differentiation. <i>Immunity</i> , 2009, 30, 646-655.	6.6	1,306
3	A dicer-independent miRNA biogenesis pathway that requires Ago catalysis. <i>Nature</i> , 2010, 465, 584-589.	13.7	929
4	DICER1 deficit induces Alu RNA toxicity in age-related macular degeneration. <i>Nature</i> , 2011, 471, 325-330.	13.7	573
5	The RNaseIII enzyme Drosha is critical in T cells for preventing lethal inflammatory disease. <i>Journal of Experimental Medicine</i> , 2008, 205, 2005-2017.	4.2	343
6	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. <i>Nature Immunology</i> , 2016, 17, 1300-1311.	7.0	288
7	Canonical and alternate functions of the microRNA biogenesis machinery. <i>Genes and Development</i> , 2010, 24, 1951-1960.	2.7	203
8	Transcription factors RUNX1 and RUNX3 in the induction and suppressive function of Foxp3+ inducible regulatory T cells. <i>Journal of Experimental Medicine</i> , 2009, 206, 2701-2715.	4.2	183
9	Runx-CBF β complexes control expression of the transcription factor Foxp3 in regulatory T cells. <i>Nature Immunology</i> , 2009, 10, 1170-1177.	7.0	181
10	Diverse Endonucleolytic Cleavage Sites in the Mammalian Transcriptome Depend upon MicroRNAs, Drosha, and Additional Nucleases. <i>Molecular Cell</i> , 2010, 38, 781-788.	4.5	170
11	Suppressor of Cytokine Signaling-1 Is a Critical Regulator of Interleukin-7-Dependent CD8+ T Cell Differentiation. <i>Immunity</i> , 2003, 18, 475-487.	6.6	155
12	Drosha regulates neurogenesis by controlling Neurogenin 2 expression independent of microRNAs. <i>Nature Neuroscience</i> , 2012, 15, 962-969.	7.1	117
13	Suppressor of Cytokine Signaling-1 Regulates Signaling in Response to Interleukin-2 and Other β c-dependent Cytokines in Peripheral T Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 22755-22761.	1.6	113
14	The inducible deletion of Drosha and microRNAs in mature podocytes results in a collapsing glomerulopathy. <i>Kidney International</i> , 2011, 80, 719-730.	2.6	105
15	Suppressor of Cytokine Signaling-1 Overexpression Protects Pancreatic β Cells from CD8+ T Cell-Mediated Autoimmune Destruction. <i>Journal of Immunology</i> , 2004, 172, 5714-5721.	0.4	96
16	Inducible deletion of epidermal Dicer and Drosha reveals multiple functions for miRNAs in postnatal skin. <i>Development (Cambridge)</i> , 2012, 139, 1405-1416.	1.2	80
17	Dynamic MicroRNA Gene Transcription and Processing during T Cell Development. <i>Journal of Immunology</i> , 2012, 188, 3257-3267.	0.4	80
18	Suppressor of cytokine signaling-1 in T cells and macrophages is critical for preventing lethal inflammation. <i>Blood</i> , 2005, 106, 1668-1675.	0.6	79

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19	Dicer1-mediated miRNA processing shapes the mRNA profile and function of murine platelets. <i>Blood</i> , 2016, 127, 1743-1751.	0.6	79
20	MicroRNA-independent roles of the RNase III enzymes Drosha and Dicer. <i>Open Biology</i> , 2013, 3, 130144.	1.5	70
21	Suppressor of Cytokine Signaling-1 Regulates the Sensitivity of Pancreatic \hat{I}^2 Cells to Tumor Necrosis Factor. <i>Journal of Biological Chemistry</i> , 2002, 277, 27945-27952.	1.6	68
22	Roquin binds microRNA-146a and Argonaute2 to regulate microRNA homeostasis. <i>Nature Communications</i> , 2015, 6, 6253.	5.8	59
23	Epigenetic propagation of CD4 expression is established by the $\langle i \rangle$ Cd4 $\langle /i \rangle$ proximal enhancer in helper T cells. <i>Genes and Development</i> , 2010, 24, 659-669.	2.7	58
24	Perforin and Fas induced by IFN \hat{I}^3 and TNF \hat{I}^{\pm} mediate beta cell death by OT-I CTL. <i>International Immunology</i> , 2006, 18, 837-846.	1.8	52
25	\hat{A} -Interferon Signaling in Pancreatic \hat{A} -Cells Is Persistent but Can Be Terminated by Overexpression of Suppressor of Cytokine Signaling-1. <i>Diabetes</i> , 2001, 50, 2744-2751.	0.3	43
26	Fas Is Detectable on \hat{I}^2 Cells in Accelerated, But Not Spontaneous, Diabetes in Nonobese Diabetic Mice. <i>Journal of Immunology</i> , 2003, 170, 6292-6297.	0.4	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. <i>Journal of Autoimmunity</i> , 2016, 68, 52-61.	3.0	42
28	Socs1 Deficiency Enhances Hepatic Insulin Signaling. <i>Journal of Biological Chemistry</i> , 2005, 280, 31516-31521.	1.6	35
29	miRNAs Are Essential for the Regulation of the PI3K/AKT/FOXO Pathway and Receptor Editing during B \hat{A} Cell Maturation. <i>Cell Reports</i> , 2016, 17, 2271-2285.	2.9	34
30	RUNX Transcription Factor-Mediated Association of Cd4 and Cd8 Enables Coordinate Gene Regulation. <i>Immunity</i> , 2011, 34, 303-314.	6.6	32
31	The role of microRNAs in lymphopoiesis. <i>International Journal of Hematology</i> , 2014, 100, 246-253.	0.7	32
32	Early postnatal ablation of the microRNA-processing enzyme, Drosha, causes chondrocyte death and impairs the structural integrity of the articular cartilage. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1214-1220.	0.6	32
33	Drosha controls dendritic cell development by cleaving messenger RNAs encoding inhibitors of myelopoiesis. <i>Nature Immunology</i> , 2015, 16, 1134-1141.	7.0	32
34	Severe Pancreatitis with Exocrine Destruction and Increased Islet Neogenesis in Mice with Suppressor of Cytokine Signaling-1 Deficiency. <i>American Journal of Pathology</i> , 2004, 165, 913-921.	1.9	23
35	The miR-17 $\hat{a}^{\frac{1}{4}92a}$ Cluster of MicroRNAs Is Required for the Fitness of Foxp3+ Regulatory T Cells. <i>PLoS ONE</i> , 2014, 9, e88997.	1.1	19
36	Many routes to a micro RNA. <i>IUBMB Life</i> , 2011, 63, 972-978.	1.5	17

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37	Granzyme A Deficiency Breaks Immune Tolerance and Promotes Autoimmune Diabetes Through a Type I Interferon-Dependent Pathway. <i>Diabetes</i> , 2017, 66, 3041-3050.	0.3	17
38	Regulating gene expression in animals through RNA endonucleolytic cleavage. <i>Heliyon</i> , 2018, 4, e00908.	1.4	16
39	The RNaseIII enzyme Drosha is critical in T cells for preventing lethal inflammatory disease. <i>Journal of Experimental Medicine</i> , 2008, 205, 2449-2449.	4.2	12
40	Virus-host interactions: new insights from the small RNA world. <i>Genome Biology</i> , 2005, 6, 238.	13.9	11
41	A Role for the Mitochondrial Protein Mrpl44 in Maintaining OXPHOS Capacity. <i>PLoS ONE</i> , 2015, 10, e0134326.	1.1	11
42	The Role of Cytokines as Effectors of Tissue Destruction in Autoimmunity. <i>Advances in Experimental Medicine and Biology</i> , 2003, 520, 73-86.	0.8	10
43	Perturbed thymopoiesis in vitro in the absence of suppressor of cytokine signalling 1 and 3. <i>Molecular Immunology</i> , 2008, 45, 2888-2896.	1.0	9
44	A microRNA expression atlas of mouse dendritic cell development. <i>Immunology and Cell Biology</i> , 2015, 93, 480-485.	1.0	9
45	A comparison of alternative mRNA splicing in the CD4 and CD8 T cell lineages. <i>Molecular Immunology</i> , 2021, 133, 53-62.	1.0	9
46	Single-Cell RNA Sequencing Approaches for Tracing T Cell Development. <i>Journal of Immunology</i> , 2021, 207, 363-370.	0.4	4
47	DROSHA but not DICER is required for human haematopoietic stem cell function. <i>Clinical and Translational Immunology</i> , 2022, 11, e1361.	1.7	1
48	Inhibition of the antigen-presenting ability of dendritic cells by non-structural protein 2 of influenza A virus. <i>Veterinary Microbiology</i> , 2022, 267, 109392.	0.8	1
49	Expression of the miR-17-92a cluster of microRNAs by regulatory T cells controls blood glucose homeostasis. <i>Immunology and Cell Biology</i> , 2022, 100, 101-111.	1.0	0