

# A Scientific Odyssey: Uncovering the Secrets of Thymus

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nuclear metabolism and the regulation of the epigenome. <i>Nature Metabolism</i> , 2020, 2, 1190-1203.	5.1	66
2	MeCP2 links heterochromatin condensates and neurodevelopmental disease. <i>Nature</i> , 2020, 586, 440-444.	13.7	112
3	Editorial: New Insights Into Thymic Functions During Stress, Aging, and in Disease Settings. <i>Frontiers in Immunology</i> , 2020, 11, 591936.	2.2	2
4	Shaping of the 3D genome by the ATPase machine cohesin. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1891-1897.	3.2	19
5	Combining native and $\sim$ omics $\text{\textsuperscript{TM}}$ mass spectrometry to identify endogenous ligands bound to membrane proteins. <i>Nature Methods</i> , 2020, 17, 505-508.	9.0	111
6	Tara Oceans: towards global ocean ecosystems biology. <i>Nature Reviews Microbiology</i> , 2020, 18, 428-445.	13.6	227
7	Beads on a string $\text{\textsuperscript{TM}}$ nucleosome array arrangements and folding of the chromatin fiber. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 109-118.	3.6	86
8	Deciphering cell $\text{\textsuperscript{C}}$ cell interactions and communication from gene expression. <i>Nature Reviews Genetics</i> , 2021, 22, 71-88.	7.7	575
9	A framework for understanding the functions of biomolecular condensates across scales. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 215-235.	16.1	450
11	Liquid chromatin Hi-C characterizes compartment-dependent chromatin interaction dynamics. <i>Nature Genetics</i> , 2021, 53, 367-378.	9.4	84
13	Genetic and non-genetic clonal diversity in cancer evolution. <i>Nature Reviews Cancer</i> , 2021, 21, 379-392.	12.8	155
16	A biomechanical switch regulates the transition towards homeostasis in oesophageal epithelium. <i>Nature Cell Biology</i> , 2021, 23, 511-525.	4.6	29
17	Single-cell RNA sequencing of blood antigen-presenting cells in severe COVID-19 reveals multi-process defects in antiviral immunity. <i>Nature Cell Biology</i> , 2021, 23, 538-551.	4.6	114
18	Advances in targeting $\sim$ undruggable $\text{\textsuperscript{TM}}$ transcription factors with small molecules. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 669-688.	21.5	152
23	The Osmolyte Ties That Bind: Genomic Insights Into Synthesis and Breakdown of Organic Osmolytes in Marine Microbes. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	17
31	Biomolecular condensates at the nexus of cellular stress, protein aggregation disease and ageing. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 196-213.	16.1	535
46	More Than Two to Tango: Mesenchymal Cells Are Required for Early T Cell Development. <i>Journal of Immunology</i> , 2021, 207, 2203-2204.	0.4	0
51	GPCR activation mechanisms across classes and macro/microscales. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 879-888.	3.6	98

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52	Dynamic CD4+ T cell heterogeneity defines subset-specific suppression and PD-L1-blockade-driven functional restoration in chronic infection. <i>Nature Immunology</i> , 2021, 22, 1524-1537.	7.0	26
53	Modulation of cellular processes by histone and non-histone protein acetylation. <i>Nature Reviews Molecular Cell Biology</i> , 2022, 23, 329-349.	16.1	239
54	SETDB1-like MET-2 promotes transcriptional silencing and development independently of its H3K9me-associated catalytic activity. <i>Nature Structural and Molecular Biology</i> , 2022, 29, 85-96.	3.6	11
56	Phylogenetically and functionally diverse microorganisms reside under the Ross Ice Shelf. <i>Nature Communications</i> , 2022, 13, 117.	5.8	17
58	A multivariate modeling framework to quantify immune checkpoint context-dependent stimulation on T cells. <i>Cell Discovery</i> , 2022, 8, 1.	3.1	14
59	Mechanisms of immune activation and regulation: lessons from melanoma. <i>Nature Reviews Cancer</i> , 2022, 22, 195-207.	12.8	101
61	Liquidâ€“liquid phase separation drives cellular function and dysfunction in cancer. <i>Nature Reviews Cancer</i> , 2022, 22, 239-252.	12.8	115
62	TALPID3/KIAA0586 Regulates Multiple Aspects of Neuromuscular Patterning During Gastrointestinal Development in Animal Models and Human. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 757646.	1.4	3
63	Ciliary Hedgehog signaling patterns the digestive system to generate mechanical forces driving elongation. <i>Nature Communications</i> , 2021, 12, 7186.	5.8	11
65	Histone post-translational modifications â€” cause and consequence of genome function. <i>Nature Reviews Genetics</i> , 2022, 23, 563-580.	7.7	253
66	B cells and tertiary lymphoid structures as determinants of tumour immune contexture and clinical outcome. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 441-457.	12.5	176
67	Microbial metabolites in the marine carbon cycle. <i>Nature Microbiology</i> , 2022, 7, 508-523.	5.9	71
70	Neoantigen-specific CD8 T cell responses in the peripheral blood following PD-L1 blockade might predict therapy outcome in metastatic urothelial carcinoma. <i>Nature Communications</i> , 2022, 13, 1935.	5.8	37
71	Anopheles mosquitoes reveal new principles of 3D genome organization in insects. <i>Nature Communications</i> , 2022, 13, 1960.	5.8	19
74	ARID1A loss derepresses a group of human endogenous retrovirus-H loci to modulate BRD4-dependent transcription. <i>Nature Communications</i> , 2022, 13, .	5.8	7
75	Identification of a novel prognostic signature for HCC and analysis of costimulatory molecule-related lncRNA AC099850.3. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
76	The OceanDNA MAG catalog contains over 50,000 prokaryotic genomes originated from various marine environments. <i>Scientific Data</i> , 2022, 9, .	2.4	29
78	PD-1 directed immunotherapy alters Tfh and humoral immune responses to seasonal influenza vaccine. <i>Nature Immunology</i> , 2022, 23, 1183-1192.	7.0	36

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80	Modulating biomolecular condensates: a novel approach to drug discovery. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 841-862.	21.5	88
81	Triple negative breast cancer: Pitfalls and progress. <i>Npj Breast Cancer</i> , 2022, 8, .	2.3	110
82	Chromatin compaction precedes apoptosis in developing neurons. <i>Communications Biology</i> , 2022, 5, .	2.0	11
83	Untangling the web of intratumour heterogeneity. <i>Nature Cell Biology</i> , 2022, 24, 1192-1201.	4.6	39
84	Capillary forces generated by biomolecular condensates. <i>Nature</i> , 2022, 609, 255-264.	13.7	92
85	Genomic adaptation of the picoeukaryote <i>Pelagomonas calceolata</i> to iron-poor oceans revealed by a chromosome-scale genome sequence. <i>Communications Biology</i> , 2022, 5, .	2.0	6
86	Human centromere repositioning activates transcription and opens chromatin fibre structure. <i>Nature Communications</i> , 2022, 13, .	5.8	11
87	Seasonal bacterial niche structures and chemolithoautotrophic ecotypes in a North Atlantic fjord. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
88	Multi-omic brain and behavioral correlates of cell-free fetal DNA methylation in macaque maternal obesity models. <i>Nature Communications</i> , 2022, 13, .	5.8	4
89	Collaborative study from the Bladder Cancer Advocacy Network for the genomic analysis of metastatic urothelial cancer. <i>Nature Communications</i> , 2022, 13, .	5.8	14
91	Renewal of planktonic foraminifera diversity after the Cretaceous Paleogene mass extinction by benthic colonizers. <i>Nature Communications</i> , 2022, 13, .	5.8	5
93	Structural insights into p300 regulation and acetylation-dependent genome organisation. <i>Nature Communications</i> , 2022, 13, .	5.8	21
96	Metabolites as signalling molecules. <i>Nature Reviews Molecular Cell Biology</i> , 2023, 24, 355-374.	16.1	57
99	Translating transcriptomic findings from cancer model systems to humans through joint dimension reduction. <i>Communications Biology</i> , 2023, 6, .	2.0	1
100	Structure-informed microbial population genetics elucidate selective pressures that shape protein evolution. <i>Science Advances</i> , 2023, 9, .	4.7	8
103	Peptidomics. <i>Nature Reviews Methods Primers</i> , 2023, 3, .	11.8	11
104	Primary cilia as dynamic and diverse signalling hubs in development and disease. <i>Nature Reviews Genetics</i> , 2023, 24, 421-441.	7.7	53