

Tak W Mak

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222
papers

33,386
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232
ext. papers

37,217
ext. citations

17.5
avg, IF

7.06
L-index

#	Paper	IF	Citations
222	Regulation of cancer cell metabolism. <i>Nature Reviews Cancer</i> , 2011 , 11, 85-95	31.3	3403
221	OPGL is a key regulator of osteoclastogenesis, lymphocyte development and lymph-node organogenesis. <i>Nature</i> , 1999 , 397, 315-23	50.4	2789
220	Modulation of oxidative stress as an anticancer strategy. <i>Nature Reviews Drug Discovery</i> , 2013 , 12, 931-47	44.1	2078
219	Negative regulation of PKB/Akt-dependent cell survival by the tumor suppressor PTEN. <i>Cell</i> , 1998 , 95, 29-39	56.2	2072
218	Mice deficient for the 55 kd tumor necrosis factor receptor are resistant to endotoxic shock, yet succumb to <i>L. monocytogenes</i> infection. <i>Cell</i> , 1993 , 73, 457-67	56.2	1498
217	A human T cell-specific cDNA clone encodes a protein having extensive homology to immunoglobulin chains. <i>Nature</i> , 1984 , 308, 145-9	50.4	1103
216	Regulation of oxidative stress by ATM is required for self-renewal of haematopoietic stem cells. <i>Nature</i> , 2004 , 431, 997-1002	50.4	961
215	Acetylcholine-synthesizing T cells relay neural signals in a vagus nerve circuit. <i>Science</i> , 2011 , 334, 98-101	33.3	881
214	Heat-shock protein 70 antagonizes apoptosis-inducing factor. <i>Nature Cell Biology</i> , 2001 , 3, 839-43	23.4	707
213	Two distinct pathways leading to nuclear apoptosis. <i>Journal of Experimental Medicine</i> , 2000 , 192, 571-80	16.6	606
212	The tumor suppressor gene Brca1 is required for embryonic cellular proliferation in the mouse. <i>Cell</i> , 1996 , 85, 1009-23	56.2	574
211	Glutathione and thioredoxin antioxidant pathways synergize to drive cancer initiation and progression. <i>Cancer Cell</i> , 2015 , 27, 211-22	24.3	548
210	Role of the NF-ATc transcription factor in morphogenesis of cardiac valves and septum. <i>Nature</i> , 1998 , 392, 182-6	50.4	548
209	The development of inflammatory T(H)-17 cells requires interferon-regulatory factor 4. <i>Nature Immunology</i> , 2007 , 8, 958-66	19.1	541
208	Regulation of tumour necrosis factor signalling: live or let die. <i>Nature Reviews Immunology</i> , 2015 , 15, 362-74	36.5	533
207	TNF and ROS Crosstalk in Inflammation. <i>Trends in Cell Biology</i> , 2016 , 26, 249-261	18.3	466
206	Deletion of Pten in mouse brain causes seizures, ataxia and defects in soma size resembling Lhermitte-Duclos disease. <i>Nature Genetics</i> , 2001 , 29, 396-403	36.3	400

205	IDH1(R132H) mutation increases murine haematopoietic progenitors and alters epigenetics. <i>Nature</i> , 2012 , 488, 656-9	50.4	395
204	Single-Cell Genomics Unveils Critical Regulators of Th17 Cell Pathogenicity. <i>Cell</i> , 2015 , 163, 1400-12	56.2	369
203	IDH2 mutations are frequent in angioimmunoblastic T-cell lymphoma. <i>Blood</i> , 2012 , 119, 1901-3	2.2	364
202	Sequence and expression of transcripts of the human T-cell receptor beta-chain genes. <i>Nature</i> , 1984 , 312, 521-4	50.4	336
201	TAp73 knockout shows genomic instability with infertility and tumor suppressor functions. <i>Genes and Development</i> , 2008 , 22, 2677-91	12.6	330
200	Recurrent TET2 mutations in peripheral T-cell lymphomas correlate with TFH-like features and adverse clinical parameters. <i>Blood</i> , 2012 , 120, 1466-9	2.2	319
199	Stress-signalling kinase Sek1 protects thymocytes from apoptosis mediated by CD95 and CD3. <i>Nature</i> , 1997 , 385, 350-3	50.4	319
198	Oncogenic isocitrate dehydrogenase mutations: mechanisms, models, and clinical opportunities. <i>Cancer Discovery</i> , 2013 , 3, 730-41	24.4	314
197	Cooperation of the tumour suppressors IRF-1 and p53 in response to DNA damage. <i>Nature</i> , 1996 , 382, 816-8	50.4	301
196	The structure, rearrangement and expression of D beta gene segments of the murine T-cell antigen receptor. <i>Nature</i> , 1984 , 311, 344-50	50.4	282
195	Reconstitution of an active surface T3/T-cell antigen receptor by DNA transfer. <i>Nature</i> , 1985 , 316, 606-9	50.4	271
194	CD28-independent, TRAF2-dependent costimulation of resting T cells by 4-1BB ligand. <i>Journal of Experimental Medicine</i> , 1998 , 187, 1849-62	16.6	266
193	iRhom2 regulation of TACE controls TNF-mediated protection against Listeria and responses to LPS. <i>Science</i> , 2012 , 335, 229-32	33.3	237
192	Bat3 promotes T cell responses and autoimmunity by repressing Tim-3-mediated cell death and exhaustion. <i>Nature Medicine</i> , 2012 , 18, 1394-400	50.5	227
191	Specific ablation of the apoptotic functions of cytochrome C reveals a differential requirement for cytochrome C and Apaf-1 in apoptosis. <i>Cell</i> , 2005 , 121, 579-591	56.2	223
190	D-2-hydroxyglutarate produced by mutant IDH1 perturbs collagen maturation and basement membrane function. <i>Genes and Development</i> , 2012 , 26, 2038-49	12.6	218
189	Regulation of B-lymphocyte negative and positive selection by tyrosine phosphatase CD45. <i>Nature</i> , 1996 , 381, 325-8	50.4	214
188	Sequences and repertoire of the human T cell receptor alpha and beta chain variable region genes in thymocytes. <i>European Journal of Immunology</i> , 1987 , 17, 375-83	6.1	202

187	BRCA1 interacts with Nrf2 to regulate antioxidant signaling and cell survival. <i>Journal of Experimental Medicine</i> , 2013 , 210, 1529-44	16.6	197
186	Organization and sequences of the variable, joining and constant region genes of the human T-cell receptor alpha-chain. <i>Nature</i> , 1985 , 316, 837-40	50.4	194
185	Glutathione Primes T Cell Metabolism for Inflammation. <i>Immunity</i> , 2017 , 46, 675-689	32.3	182
184	Isoform-specific p73 knockout mice reveal a novel role for delta Np73 in the DNA damage response pathway. <i>Genes and Development</i> , 2010 , 24, 549-60	12.6	166
183	Costimulation through the inducible costimulator ligand is essential for both T helper and B cell functions in T cell-dependent B cell responses. <i>Nature Immunology</i> , 2003 , 4, 765-72	19.1	163
182	Fas receptor expression in germinal-center B cells is essential for T and B lymphocyte homeostasis. <i>Immunity</i> , 2008 , 29, 615-27	32.3	158
181	Regulation of the MDM2-P53 pathway and tumor growth by PICT1 via nucleolar RPL11. <i>Nature Medicine</i> , 2011 , 17, 944-51	50.5	140
180	Athymic mice express a high level of functional gamma-chain but greatly reduced levels of alpha- and beta-chain T-cell receptor messages. <i>Nature</i> , 1986 , 324, 482-5	50.4	134
179	Lymphocyte-derived ACh regulates local innate but not adaptive immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 1410-5	11.5	132
178	The tyrosine kinase p56lck is essential in coxsackievirus B3-mediated heart disease. <i>Nature Medicine</i> , 2000 , 6, 429-34	50.5	129
177	Smg1 is required for embryogenesis and regulates diverse genes via alternative splicing coupled to nonsense-mediated mRNA decay. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12186-91	11.5	124
176	Mutant IDH1 Downregulates ATM and Alters DNA Repair and Sensitivity to DNA Damage Independent of TET2. <i>Cancer Cell</i> , 2016 , 30, 337-348	24.3	121
175	Functional characterization of CFI-400945, a Polo-like kinase 4 inhibitor, as a potential anticancer agent. <i>Cancer Cell</i> , 2014 , 26, 163-76	24.3	121
174	iRhom2 controls the substrate selectivity of stimulated ADAM17-dependent ectodomain shedding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11433-8	11.5	119
173	Identification of a diversity segment of human T-cell receptor beta-chain, and comparison with the analogous murine element. <i>Nature</i> , 1984 , 311, 387-9	50.4	114
172	Tumor necrosis factor receptor p55 mediates deletion of peripheral cytotoxic T lymphocytes in vivo. <i>European Journal of Immunology</i> , 1996 , 26, 3055-60	6.1	113
171	iRHOM2 is a critical pathogenic mediator of inflammatory arthritis. <i>Journal of Clinical Investigation</i> , 2013 , 123, 928-32	15.9	112
170	p73 in Cancer. <i>Genes and Cancer</i> , 2011 , 2, 491-502	2.9	109

169	Cancer susceptibility and embryonic lethality in Mob1a/1b double-mutant mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4505-18	15.9	105
168	Transendothelial migration and trafficking of leukocytes in LFA-1-deficient mice. <i>European Journal of Immunology</i> , 1998 , 28, 1959-69	6.1	104
167	TAp73 regulates the spindle assembly checkpoint by modulating BubR1 activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 797-802	11.5	103
166	Mediation of TNF receptor-associated factor effector functions by apoptosis signal-regulating kinase-1 (ASK1). <i>Oncogene</i> , 1999 , 18, 5814-20	9.2	102
165	Rearrangements of T-cell receptor gene YT35 in human DNA from thymic leukaemia T-cell lines and functional T-cell clones. <i>Nature</i> , 1984 , 311, 385-7	50.4	102
164	Cloning and expression of an inducible lymphoid-specific, protein tyrosine phosphatase (HePTPase). <i>European Journal of Immunology</i> , 1992 , 22, 235-9	6.1	96
163	APOBEC3B expression in breast cancer reflects cellular proliferation, while a deletion polymorphism is associated with immune activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2841-6	11.5	95
162	iRhoms 1 and 2 are essential upstream regulators of ADAM17-dependent EGFR signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6080-5	11.5	95
161	An aberrant STAT pathway is central to COVID-19. <i>Cell Death and Differentiation</i> , 2020 , 27, 3209-3225	12.7	95
160	The discovery of Polo-like kinase 4 inhibitors: design and optimization of spiro[cyclopropane-1,3?R3H]indol]-2R1R).ones as orally bioavailable antitumor agents. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 130-46	8.3	94
159	Colorectal carcinomas in mice lacking the catalytic subunit of PI(3)Kgamma. <i>Nature</i> , 2000 , 406, 897-902	50.4	94
158	Mule/Huwe1/Arf-BP1 suppresses Ras-driven tumorigenesis by preventing c-Myc/Miz1-mediated down-regulation of p21 and p15. <i>Genes and Development</i> , 2013 , 27, 1101-14	12.6	93
157	The NF-B regulator MALT1 determines the encephalitogenic potential of Th17 cells. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4698-709	15.9	92
156	Class II major histocompatibility complex-restricted T cell function in CD4-deficient mice. <i>European Journal of Immunology</i> , 1994 , 24, 2213-8	6.1	91
155	Alloreactive cytotoxic T cells can develop and function in mice lacking both CD4 and CD8. <i>European Journal of Immunology</i> , 1993 , 23, 1299-304	6.1	91
154	Signaling for survival and apoptosis in the immune system. <i>Arthritis Research</i> , 2002 , 4 Suppl 3, S243-52		90
153	A human T cell-specific cDNA clone (YT16) encodes a protein with extensive homology to a family of protein-tyrosine kinases. <i>European Journal of Immunology</i> , 1986 , 16, 1643-6	6.1	87
152	Estrogen controls the survival of BRCA1-deficient cells via a PI3K-NRF2-regulated pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4472-7	11.5	86

151	Clonal rearrangements of T-cell receptor and immunoglobulin genes and immunophenotypic antigen expression in different subclasses of Hodgkin's disease. <i>International Journal of Cancer</i> , 1987 , 40, 157-60	7.5	84
150	Beyond tumor necrosis factor receptor: TRADD signaling in toll-like receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 12429-34	11.5	83
149	Breakpoints in the human T-cell antigen receptor alpha-chain locus in two T-cell leukaemia patients with chromosomal translocations. <i>Nature</i> , 1985 , 317, 544-6	50.4	81
148	Mutant IDH is sufficient to initiate enchondromatosis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2829-34	11.5	80
147	Combined deletion of Pten and p53 in mammary epithelium accelerates triple-negative breast cancer with dependency on eEF2K. <i>EMBO Molecular Medicine</i> , 2014 , 6, 1542-60	12	80
146	TAp73 opposes tumor angiogenesis by promoting hypoxia-inducible factor 1 β degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 226-31	11.5	79
145	Reactive oxygen species modulate macrophage immunosuppressive phenotype through the up-regulation of PD-L1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 4326-4335	11.5	78
144	A role for CD4+ T cells in the pathogenesis of skin fibrosis in tight skin mice. <i>European Journal of Immunology</i> , 1994 , 24, 1463-6	6.1	77
143	Molecular analysis of the antigen receptor of virus-specific cytotoxic T cells and identification of a new V alpha family. <i>European Journal of Immunology</i> , 1987 , 17, 1843-6	6.1	74
142	p53 mutants cooperate with HIF-1 in transcriptional regulation of extracellular matrix components to promote tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E10869-E10878	11.5	73
141	The Discovery of Polo-Like Kinase 4 Inhibitors: Design and Optimization of Spiro[cyclopropane-1,3-[3H]indol]-2-(1H)-ones as Orally Bioavailable Antitumor Agents. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 130-146	8.3	72
140	TNF receptor 1 (TNFR1) and CD95 are not required for T cell deletion after virus infection but contribute to peptide-induced deletion under limited conditions. <i>European Journal of Immunology</i> , 2000 , 30, 683-8	6.1	71
139	Brca1 required for T cell lineage development but not TCR loci rearrangement. <i>Nature Immunology</i> , 2000 , 1, 77-82	19.1	69
138	CTLA-4, a negative regulator of T-lymphocyte activation. <i>Immunological Reviews</i> , 1996 , 153, 183-207	11.3	67
137	Normal thymic selection, normal viability and decreased lymphoproliferation in T cell receptor-transgenic CTLA-4-deficient mice. <i>European Journal of Immunology</i> , 1997 , 27, 1887-92	6.1	66
136	Gene targeting in the analysis of mammalian apoptosis and TNF receptor superfamily signaling. <i>Immunological Reviews</i> , 1999 , 169, 283-302	11.3	66
135	Involvement of both T cell receptor V alpha and V beta variable region domains and alpha chain junctional region in viral antigen recognition. <i>European Journal of Immunology</i> , 1991 , 21, 2195-202	6.1	66
134	p53 regulates the cardiac transcriptome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 2331-2336	11.5	64

133	Base transitions dominate the mutational spectrum of a transgenic reporter gene in MSH2 deficient mice. <i>Oncogene</i> , 1997 , 15, 123-9	9.2	63
132	Effective and long-lasting immunity against the parasite <i>Leishmania major</i> in CD8-deficient mice. <i>Infection and Immunity</i> , 1998 , 66, 3968-70	3.7	63
131	Sequence and organization of the human T cell delta chain gene. <i>European Journal of Immunology</i> , 1988 , 18, 283-7	6.1	61
130	The IDH2 R172K mutation associated with angioimmunoblastic T-cell lymphoma produces 2HG in T cells and impacts lymphoid development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 15084-15089	11.5	58
129	Presence of T-cell receptor mRNA in functionally distinct T cells and elevation during intrathymic differentiation. <i>Nature</i> , 1984 , 310, 506-8	50.4	54
128	Noncoding somatic and inherited single-nucleotide variants converge to promote ESR1 expression in breast cancer. <i>Nature Genetics</i> , 2016 , 48, 1260-6	36.3	53
127	The human T cell receptor alpha-delta locus: a physical map of the variable, joining and constant region genes. <i>European Journal of Immunology</i> , 1988 , 18, 641-4	6.1	51
126	iRhom2 promotes lupus nephritis through TNF- α and EGFR signaling. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1397-1412	15.9	51
125	Human CD4 and human major histocompatibility complex class II (DQ6) transgenic mice: supersensitivity to superantigen-induced septic shock. <i>European Journal of Immunology</i> , 1996 , 26, 1074-82	6.1	50
124	The discovery of PLK4 inhibitors: (E)-3-((1H-Indazol-6-yl)methylene)indolin-2-ones as novel antiproliferative agents. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 6069-87	8.3	49
123	T lymphocyte development in p56lck deficient mice: allelic exclusion of the TcR beta locus is incomplete but thymocyte development is not restored by TcR beta or TcR alpha beta transgenes. <i>European Journal of Immunology</i> , 1995 , 25, 1312-8	6.1	49
122	Does the deletion within T cell receptor beta-chain gene of NZW mice contribute to autoimmunity in (NZB X NZW)F1 mice?. <i>European Journal of Immunology</i> , 1986 , 16, 1179-82	6.1	49
121	Polo-like kinase 4 inhibition produces polyploidy and apoptotic death of lung cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1913-1918	11.5	48
120	Pten deletion in RIP-Cre neurons protects against type 2 diabetes by activating the anti-inflammatory reflex. <i>Nature Medicine</i> , 2014 , 20, 484-92	50.5	48
119	Choline acetyltransferase-expressing T cells are required to control chronic viral infection. <i>Science</i> , 2019 , 363, 639-644	33.3	47
118	Blood pressure regulation by CD4 lymphocytes expressing choline acetyltransferase. <i>Nature Biotechnology</i> , 2016 , 34, 1066-1071	44.5	47
117	B7-H3 expression in donor T cells and host cells negatively regulates acute graft-versus-host disease lethality. <i>Blood</i> , 2015 , 125, 3335-46	2.2	46
116	DJ-1/PARK7 Impairs Bacterial Clearance in Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 889-905	10.2	46

115	AhR controls redox homeostasis and shapes the tumor microenvironment in BRCA1-associated breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3604-3613	11.5	45
114	Perforin is a novel immune regulator of obesity-related insulin resistance. <i>Diabetes</i> , 2015 , 64, 90-103	0.9	45
113	Involvement of Toso in activation of monocytes, macrophages, and granulocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 2593-8	11.5	45
112	The E3 ubiquitin ligase Mule acts through the ATM-p53 axis to maintain B lymphocyte homeostasis. <i>Journal of Experimental Medicine</i> , 2012 , 209, 173-86	16.6	45
111	Friend leukaemia virus-transformed cells, unlike normal stem cells, form spleen colonies in Sl/sld mice. <i>Nature</i> , 1980 , 288, 592-4	50.4	45
110	TAp73 suppresses tumor angiogenesis through repression of proangiogenic cytokines and HIF-1 β activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 220-5	11.5	43
109	Glutathione Restricts Serine Metabolism to Preserve Regulatory T Cell Function. <i>Cell Metabolism</i> , 2020 , 31, 920-936.e7	24.6	43
108	Knockout mice: a paradigm shift in modern immunology. <i>Nature Reviews Immunology</i> , 2001 , 1, 11-9	36.5	43
107	Allo-skin graft rejection, tumor rejection and natural killer activity in mice lacking p56lck. <i>European Journal of Immunology</i> , 1995 , 25, 3155-9	6.1	40
106	Loss of in mice results in chondrodysplasia due to YAP1/TAZ-TEAD-dependent repression of SOX9. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	39
105	Beyond immune checkpoint blockade: emerging immunological strategies. <i>Nature Reviews Drug Discovery</i> , 2021 , 20, 899-919	64.1	39
104	Deletions in the cytoplasmic domain of iRhom1 and iRhom2 promote shedding of the TNF receptor by the protease ADAM17. <i>Science Signaling</i> , 2015 , 8, ra109	8.8	38
103	TREM-1 regulates macrophage polarization in ureteral obstruction. <i>Kidney International</i> , 2014 , 86, 1174-86	9.6	38
102	Generation of humanized mice susceptible to peptide-induced inflammatory heart disease. <i>Circulation</i> , 1999 , 99, 1885-91	16.7	38
101	Spontaneous resistance to acute T-cell leukaemias in TCRV gamma 1.1J gamma 4C gamma 4 transgenic mice. <i>Nature</i> , 1995 , 375, 241-4	50.4	37
100	Toso controls encephalitogenic immune responses by dendritic cells and regulatory T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 1060-5	11.5	36
99	Roles of IDH1/2 and TET2 mutations in myeloid disorders. <i>International Journal of Hematology</i> , 2016 , 103, 627-33	2.3	35
98	Executionary pathway for apoptosis: lessons from mutant mice. <i>Cell Research</i> , 2000 , 10, 267-78	24.7	35

97	Genes encoding the human T cell antigen receptor. <i>Immunological Reviews</i> , 1984 , 81, 221-33	11.3	34
96	Signal transduction, mitotic catastrophes, and death in T-cell development. <i>Immunological Reviews</i> , 1994 , 142, 231-72	11.3	33
95	Induction of human malignant T-lymphoblastic cell lines MOLT-3 and jurkat by 12-O-tetradecanoylphorbol-13-acetate: biochemical, physical, and morphological characterization. <i>Journal of Cellular Physiology</i> , 1981 , 109, 181-92	7	33
94	Tumour predisposition and cancer syndromes as models to study gene-environment interactions. <i>Nature Reviews Cancer</i> , 2020 , 20, 533-549	31.3	32
93	Regulation of expression of T cell gamma chain, L3T4 and Ly-2 messages in Abelson/Moloney virus-transformed T cell lines. <i>European Journal of Immunology</i> , 1988 , 18, 295-300	6.1	31
92	YAP1 is a potent driver of the onset and progression of oral squamous cell carcinoma. <i>Science Advances</i> , 2020 , 6, eaay3324	14.3	30
91	B7-H4 expression by nonhematopoietic cells in the tumor microenvironment promotes antitumor immunity. <i>Cancer Immunology Research</i> , 2015 , 3, 184-95	12.5	28
90	Immunogenotyping in Hodgkin's disease. <i>Hematological Oncology</i> , 1988 , 6, 239-45	1.3	28
89	Activated CD8+ T cells induce expansion of Vβ+ regulatory T cells via TNFR2 signaling. <i>Journal of Immunology</i> , 2014 , 193, 2952-60	5.3	27
88	Check point inhibitors as therapies for infectious diseases. <i>Current Opinion in Immunology</i> , 2017 , 48, 61-67.8		27
87	TRADD contributes to tumour suppression by regulating ULF-dependent p19Arf ubiquitylation. <i>Nature Cell Biology</i> , 2012 , 14, 625-33	23.4	27
86	E3 ubiquitin ligase Mule targets β-catenin under conditions of hyperactive Wnt signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E1148-E1157	11.5	25
85	Organization and orientation of a human T cell receptor delta chain V gene segment that suggests an inversion mechanism is utilized in its rearrangement. <i>European Journal of Immunology</i> , 1989 , 19, 571-4	6.1	25
84	Blood-induced bone loss in murine hemophilic arthropathy is prevented by blocking the αRhom2/ADAM17/TNF-β pathway. <i>Blood</i> , 2018 , 132, 1064-1074	2.2	24
83	Human somatic cell mutagenesis creates genetically tractable sarcomas. <i>Nature Genetics</i> , 2014 , 46, 964-76.3	36.3	23
82	Asbestos induces mesothelial cell transformation via HMGB1-driven autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 25543-25552	11.5	23
81	T cell repertoire and clonal deletion of Mtv superantigen-reactive T cells in mice lacking CD4 and CD8 molecules. <i>European Journal of Immunology</i> , 1995 , 25, 2115-8	6.1	22
80	Mutant ACVR1 Arrests Glial Cell Differentiation to Drive Tumorigenesis in Pediatric Gliomas. <i>Cancer Cell</i> , 2020 , 37, 308-323.e12	24.3	21

79	Cardiac-specific ablation of the E3 ubiquitin ligase Mdm2 leads to oxidative stress, broad mitochondrial deficiency and early death. <i>PLoS ONE</i> , 2017 , 12, e0189861	3.7	21
78	Role for polo-like kinase 4 in mediation of cytokinesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 11309-11318	11.5	19
77	Largen: a molecular regulator of mammalian cell size control. <i>Molecular Cell</i> , 2014 , 53, 904-15	17.6	19
76	A host gene controlling early anaemia or polycythaemia induced by Friend erythroleukaemia virus. <i>Nature</i> , 1982 , 296, 577-9	50.4	19
75	The discovery of Polo-like kinase 4 inhibitors: identification of (1R,2S)-2-(3-((E)-4-(((cis)-2,6-dimethylmorpholino)methyl)styryl)-1H-indazol-6-yl)-5-methoxyspiro[cyclopropane-1,3'-indolin]-2-one (CFI-400945) as a potent, orally active antitumor agent. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 147-69	8.3	19
74	Safety and tolerability of CFI-400945, a first-in-class, selective PLK4 inhibitor in advanced solid tumours: a phase 1 dose-escalation trial. <i>British Journal of Cancer</i> , 2019 , 121, 318-324	8.7	18
73	T cell receptor (TcR) beta chain transgenic mice: studies on allelic exclusion and on the TcR+ gamma/delta population. <i>European Journal of Immunology</i> , 1990 , 20, 417-24	6.1	18
72	Targeting PI3K Signaling in Cancer: A Cautionary Tale of Two AKTs. <i>Cancer Cell</i> , 2016 , 29, 429-431	24.3	18
71	Amplification of a calcium channel subunit CACNG4 increases breast cancer metastasis. <i>EBioMedicine</i> , 2020 , 52, 102646	8.8	17
70	T-lymphocyte development and function in gene-targeted mutant mice. <i>Immunological Reviews</i> , 1995 , 148, 115-50	11.3	17
69	Rearrangement and organization of T cell receptor gamma chain genes in human leukemic T cell lines. <i>European Journal of Immunology</i> , 1987 , 17, 1653-6	6.1	17
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67	TREM-1-dependent M1 macrophage polarization restores intestinal epithelium damaged by DSS-induced colitis by activating IL-22-producing innate lymphoid cells. <i>Journal of Biomedical Science</i> , 2019 , 26, 46	13.3	16
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