

# Tasuku Honjo

## List of Publications by Citations

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273  
papers

53,540  
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106  
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231  
g-index

280  
ext. papers

59,061  
ext. citations

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L-index

#	Paper	IF	Citations
273	Engagement of the PD-1 immunoinhibitory receptor by a novel B7 family member leads to negative regulation of lymphocyte activation. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 192, 1027-34	16.6	3501
272	Class switch recombination and hypermutation require activation-induced cytidine deaminase (AID), a potential RNA editing enzyme. <i>Cell</i> , <b>2000</b> , 102, 553-63	56.2	2644
271	Involvement of PD-L1 on tumor cells in the escape from host immune system and tumor immunotherapy by PD-L1 blockade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 12293-7	11.5	2044
270	PD-L2 is a second ligand for PD-1 and inhibits T cell activation. <i>Nature Immunology</i> , <b>2001</b> , 2, 261-8	19.1	2040
269	Development of lupus-like autoimmune diseases by disruption of the PD-1 gene encoding an ITIM motif-carrying immunoreceptor. <i>Immunity</i> , <b>1999</b> , 11, 141-51	32.3	1917
268	Induced expression of PD-1, a novel member of the immunoglobulin gene superfamily, upon programmed cell death.. <i>EMBO Journal</i> , <b>1992</b> , 11, 3887-3895	13	1775
267	Autoimmune dilated cardiomyopathy in PD-1 receptor-deficient mice. <i>Science</i> , <b>2001</b> , 291, 319-22	33.3	1330
266	Activation-induced cytidine deaminase (AID) deficiency causes the autosomal recessive form of the Hyper-IgM syndrome (HIGM2). <i>Cell</i> , <b>2000</b> , 102, 565-75	56.2	1283
265	Programmed cell death 1 ligand 1 and tumor-infiltrating CD8+ T lymphocytes are prognostic factors of human ovarian cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 3360-5	11.5	1081
264	Expression of the PD-1 antigen on the surface of stimulated mouse T and B lymphocytes. <i>International Immunology</i> , <b>1996</b> , 8, 765-72	4.9	1080
263	Induced expression of PD-1, a novel member of the immunoglobulin gene superfamily, upon programmed cell death. <i>EMBO Journal</i> , <b>1992</b> , 11, 3887-95	13	992
262	Specific expression of activation-induced cytidine deaminase (AID), a novel member of the RNA-editing deaminase family in germinal center B cells. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 18470-6	5.4	870
261	PD-1 and PD-1 ligands: from discovery to clinical application. <i>International Immunology</i> , <b>2007</b> , 19, 813-24	4.9	836
260	Safety and Antitumor Activity of Anti-PD-1 Antibody, Nivolumab, in Patients With Platinum-Resistant Ovarian Cancer. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, 4015-22	2.2	691
259	Signal sequence trap: a cloning strategy for secreted proteins and type I membrane proteins. <i>Science</i> , <b>1993</b> , 261, 600-3	33.3	647
258	A rheostat for immune responses: the unique properties of PD-1 and their advantages for clinical application. <i>Nature Immunology</i> , <b>2013</b> , 14, 1212-8	19.1	611
257	PD-1 immunoreceptor inhibits B cell receptor-mediated signaling by recruiting src homology 2-domain-containing tyrosine phosphatase 2 to phosphotyrosine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 13866-71	11.5	600

256	Molecular cloning of cDNA encoding human interleukin-2 receptor. <i>Nature</i> , <b>1984</b> , 311, 631-5	50.4	542
255	Aberrant expansion of segmented filamentous bacteria in IgA-deficient gut. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 1981-6	11.5	531
254	The PD-1-PD-L pathway in immunological tolerance. <i>Trends in Immunology</i> , <b>2006</b> , 27, 195-201	14.4	526
253	PD-1:PD-L inhibitory pathway affects both CD4(+) and CD8(+) T cells and is overcome by IL-2. <i>European Journal of Immunology</i> , <b>2002</b> , 32, 634-43	6.1	523
252	Autoantibodies against cardiac troponin I are responsible for dilated cardiomyopathy in PD-1-deficient mice. <i>Nature Medicine</i> , <b>2003</b> , 9, 1477-83	50.5	495
251	Molecular mechanism of class switch recombination: linkage with somatic hypermutation. <i>Annual Review of Immunology</i> , <b>2002</b> , 20, 165-96	34.7	479
250	Inducible gene knockout of transcription factor recombination signal binding protein-J reveals its essential role in T versus B lineage decision. <i>International Immunology</i> , <b>2002</b> , 14, 637-45	4.9	478
249	Critical roles of activation-induced cytidine deaminase in the homeostasis of gut flora. <i>Science</i> , <b>2002</b> , 298, 1424-7	33.3	477
248	Cloning of cDNA encoding the murine IgG1 induction factor by a novel strategy using SP6 promoter. <i>Nature</i> , <b>1986</b> , 319, 640-6	50.4	473
247	Conservation of the Notch signalling pathway in mammalian neurogenesis. <i>Development (Cambridge)</i> , <b>1997</b> , 124, 1139-1148	6.6	463
246	AID is required to initiate Nbs1/gamma-H2AX focus formation and mutations at sites of class switching. <i>Nature</i> , <b>2001</b> , 414, 660-665	50.4	428
245	Resting dendritic cells induce peripheral CD8+ T cell tolerance through PD-1 and CTLA-4. <i>Nature Immunology</i> , <b>2005</b> , 6, 280-6	19.1	420
244	Physical interaction between a novel domain of the receptor Notch and the transcription factor RBP-J kappa/Su(H). <i>Current Biology</i> , <b>1995</b> , 5, 1416-23	6.3	414
243	Allymphoplasia is caused by a point mutation in the mouse gene encoding Nf-kappa b-inducing kinase. <i>Nature Genetics</i> , <b>1999</b> , 22, 74-7	36.3	402
242	Notch-RBP-J signaling is involved in cell fate determination of marginal zone B cells. <i>Nature Immunology</i> , <b>2002</b> , 3, 443-50	19.1	392
241	Helicobacter pylori infection triggers aberrant expression of activation-induced cytidine deaminase in gastric epithelium. <i>Nature Medicine</i> , <b>2007</b> , 13, 470-6	50.5	388
240	Intestinal IgA synthesis: regulation of front-line body defences. <i>Nature Reviews Immunology</i> , <b>2003</b> , 3, 63-72	36.5	384
239	PD-1: an inhibitory immunoreceptor involved in peripheral tolerance. <i>Trends in Immunology</i> , <b>2001</b> , 22, 265-8	14.4	379

238	AID is required for c-myc/IgH chromosome translocations in vivo. <i>Cell</i> , <b>2004</b> , 118, 431-8	56.2	370
237	Disruption of the mouse RBP-J kappa gene results in early embryonic death. <i>Development (Cambridge)</i> , <b>1995</b> , 121, 3291-3301	6.6	368
236	Constitutive expression of AID leads to tumorigenesis. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 1173-81	6.6	364
235	Cloning of complementary DNA encoding T-cell replacing factor and identity with B-cell growth factor II. <i>Nature</i> , <b>1986</b> , 324, 70-3	50.4	363
234	Immunoglobulin genes. <i>Annual Review of Immunology</i> , <b>1983</b> , 1, 499-528	34.7	355
233	In situ class switching and differentiation to IgA-producing cells in the gut lamina propria. <i>Nature</i> , <b>2001</b> , 413, 639-43	50.4	348
232	Immunological studies on PD-1 deficient mice: implication of PD-1 as a negative regulator for B cell responses. <i>International Immunology</i> , <b>1998</b> , 10, 1563-72	4.9	348
231	Cancer immunotherapies targeting the PD-1 signaling pathway. <i>Journal of Biomedical Science</i> , <b>2017</b> , 24, 26	13.3	332
230	PD-1 blockade inhibits hematogenous spread of poorly immunogenic tumor cells by enhanced recruitment of effector T cells. <i>International Immunology</i> , <b>2005</b> , 17, 133-44	4.9	326
229	T-Independent immune response: new aspects of B cell biology. <i>Science</i> , <b>2000</b> , 290, 89-92	33.3	320
228	AID enzyme-induced hypermutation in an actively transcribed gene in fibroblasts. <i>Science</i> , <b>2002</b> , 296, 2033-6	33.3	318
227	AID is required for germinal center-derived lymphomagenesis. <i>Nature Genetics</i> , <b>2008</b> , 40, 108-12	36.3	309
226	PD-1 inhibits antiviral immunity at the effector phase in the liver. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 198, 39-50	16.6	307
225	Establishment of NOD-Pdcd1 <sup>-/-</sup> mice as an efficient animal model of type I diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 11823-8	11.5	306
224	Organization of the constant-region gene family of the mouse immunoglobulin heavy chain. <i>Cell</i> , <b>1982</b> , 28, 499-506	56.2	301
223	Structure and physical map of 64 variable segments in the 3Q.8-megabase region of the human immunoglobulin heavy-chain locus. <i>Nature Genetics</i> , <b>1993</b> , 3, 88-94	36.3	284
222	AID mutant analyses indicate requirement for class-switch-specific cofactors. <i>Nature Immunology</i> , <b>2003</b> , 4, 843-8	19.1	282
221	Regulation of alphabeta/gammadelta T cell lineage commitment and peripheral T cell responses by Notch/RBP-J signaling. <i>Immunity</i> , <b>2004</b> , 20, 611-22	32.3	271

220	The PD-1/PD-L1 complex resembles the antigen-binding Fv domains of antibodies and T cell receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 3011-6	11.5	264
219	Organization of immunoglobulin heavy chain genes and allelic deletion model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1978</b> , 75, 2140-4	11.5	255
218	Antigen-induced apoptotic death of Ly-1 B cells responsible for autoimmune disease in transgenic mice. <i>Nature</i> , <b>1992</b> , 357, 77-80	50.4	251
217	Recognition sequence of a highly conserved DNA binding protein RBP-J kappa. <i>Nucleic Acids Research</i> , <b>1994</b> , 22, 965-71	20.1	247
216	Activation-induced cytidine deaminase shuttles between nucleus and cytoplasm like apolipoprotein B mRNA editing catalytic polypeptide 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 1975-80	11.5	244
215	Molecular modeling and functional mapping of B7-H1 and B7-DC uncouple costimulatory function from PD-1 interaction. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 1083-91	16.6	233
214	Involvement of RBP-J in biological functions of mouse Notch1 and its derivatives. <i>Development (Cambridge)</i> , <b>1997</b> , 124, 4133-4141	6.6	228
213	IFN- $\gamma$ directly promotes programmed cell death-1 transcription and limits the duration of T cell-mediated immunity. <i>Journal of Immunology</i> , <b>2011</b> , 186, 2772-9	5.3	227
212	Circular DNA is excised by immunoglobulin class switch recombination. <i>Cell</i> , <b>1990</b> , 62, 143-9	56.2	224
211	Regulation of marginal zone B cell development by MINT, a suppressor of Notch/RBP-J signaling pathway. <i>Immunity</i> , <b>2003</b> , 18, 301-12	32.3	222
210	The AID enzyme induces class switch recombination in fibroblasts. <i>Nature</i> , <b>2002</b> , 416, 340-5	50.4	218
209	Differential expression of PD-L1 and PD-L2, ligands for an inhibitory receptor PD-1, in the cells of lymphohematopoietic tissues. <i>Immunology Letters</i> , <b>2002</b> , 84, 57-62	4.1	216
208	A transgenic model of autoimmune hemolytic anemia. <i>Journal of Experimental Medicine</i> , <b>1992</b> , 175, 71-9	16.6	215
207	Structure of human immunoglobulin gamma genes: implications for evolution of a gene family. <i>Cell</i> , <b>1982</b> , 29, 671-9	56.2	214
206	Repetitive sequences in class-switch recombination regions of immunoglobulin heavy chain genes. <i>Cell</i> , <b>1981</b> , 23, 357-68	56.2	213
205	Immunoglobulin class switching. <i>Cell</i> , <b>1984</b> , 36, 801-3	56.2	201
204	Mitochondrial activation chemicals synergize with surface receptor PD-1 blockade for T cell-dependent antitumor activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E761-E770	11.5	192
203	PD-1 and LAG-3 inhibitory co-receptors act synergistically to prevent autoimmunity in mice. <i>Journal of Experimental Medicine</i> , <b>2011</b> , 208, 395-407	16.6	191

202	Developmentally regulated expression of the PD-1 protein on the surface of double-negative (CD4-CD8-) thymocytes. <i>International Immunology</i> , <b>1996</b> , 8, 773-80	4.9	191
201	New regulatory co-receptors: inducible co-stimulator and PD-1. <i>Current Opinion in Immunology</i> , <b>2002</b> , 14, 779-82	7.8	189
200	Mice carrying a knock-in mutation of Aicda resulting in a defect in somatic hypermutation have impaired gut homeostasis and compromised mucosal defense. <i>Nature Immunology</i> , <b>2011</b> , 12, 264-70	19.1	187
199	The shortest path from the surface to the nucleus: RBP-J kappa/Su(H) transcription factor. <i>Genes To Cells</i> , <b>1996</b> , 1, 1-9	2.3	186
198	Conservation of the Notch signalling pathway in mammalian neurogenesis. <i>Development (Cambridge)</i> , <b>1997</b> , 124, 1139-48	6.6	186
197	Functional interaction between the mouse notch1 intracellular region and histone acetyltransferases PCAF and GCN5. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 17211-20	5.4	185
196	Separate domains of AID are required for somatic hypermutation and class-switch recombination. <i>Nature Immunology</i> , <b>2004</b> , 5, 707-12	19.1	181
195	Structure and chromosomal localization of the human PD-1 gene (PDCD1). <i>Genomics</i> , <b>1994</b> , 23, 704-6	4.3	174
194	Switch region of immunoglobulin Cmu gene is composed of simple tandem repetitive sequences. <i>Nature</i> , <b>1981</b> , 292, 845-8	50.4	171
193	Disruption of the mouse RBP-J kappa gene results in early embryonic death. <i>Development (Cambridge)</i> , <b>1995</b> , 121, 3291-301	6.6	167
192	Roles of the ankyrin repeats and C-terminal region of the mouse notch1 intracellular region. <i>Nucleic Acids Research</i> , <b>1998</b> , 26, 5448-55	20.1	166
191	High frequency class switching of an IgM+ B lymphoma clone CH12F3 to IgA+ cells. <i>International Immunology</i> , <b>1996</b> , 8, 193-201	4.9	164
190	AID: how does it aid antibody diversity?. <i>Immunity</i> , <b>2004</b> , 20, 659-68	32.3	162
189	Activation-induced deaminase (AID)-directed hypermutation in the immunoglobulin Smu region: implication of AID involvement in a common step of class switch recombination and somatic hypermutation. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 195, 529-34	16.6	162
188	LIM protein KyoT2 negatively regulates transcription by association with the RBP-J DNA-binding protein. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 644-54	4.8	162
187	Regulation of lymphocyte development by Notch signaling. <i>Nature Immunology</i> , <b>2007</b> , 8, 451-6	19.1	157
186	PD-1 deficiency results in the development of fatal myocarditis in MRL mice. <i>International Immunology</i> , <b>2010</b> , 22, 443-52	4.9	155
185	Epstein-Barr virus nuclear antigen 2 exerts its transactivating function through interaction with recombination signal binding protein RBP-J kappa, the homologue of Drosophila Suppressor of Hairless.. <i>EMBO Journal</i> , <b>1994</b> , 13, 4973-4982	13	154

184	Oral administration of lipopolysaccharides activates B-1 cells in the peritoneal cavity and lamina propria of the gut and induces autoimmune symptoms in an autoantibody transgenic mouse. <i>Journal of Experimental Medicine</i> , <b>1994</b> , 180, 111-21	16.6	151
183	Facilitation of beta selection and modification of positive selection in the thymus of PD-1-deficient mice. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 191, 891-8	16.6	146
182	A hallmark of active class switch recombination: transcripts directed by I promoters on looped-out circular DNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 12620-3	11.5	145
181	Expression of activation-induced cytidine deaminase in human hepatocytes via NF-kappaB signaling. <i>Oncogene</i> , <b>2007</b> , 26, 5587-95	9.2	138
180	Inhibition of Notch/RBP-J signaling induces hair cell formation in neonate mouse cochleas. <i>Journal of Molecular Medicine</i> , <b>2006</b> , 84, 37-45	5.5	131
179	Nucleotide sequences of switch regions of immunoglobulin C epsilon and C gamma genes and their comparison. <i>Journal of Biological Chemistry</i> , <b>1982</b> , 257, 7322-9	5.4	126
178	Notch/RBP-J signaling regulates epidermis/hair fate determination of hair follicular stem cells. <i>Current Biology</i> , <b>2003</b> , 13, 333-8	6.3	119
177	Linking class-switch recombination with somatic hypermutation. <i>Nature Reviews Molecular Cell Biology</i> , <b>2001</b> , 2, 493-503	48.7	119
176	Isolation, tissue distribution, and chromosomal localization of the human activation-induced cytidine deaminase (AID) gene. <i>Genomics</i> , <b>2000</b> , 68, 85-8	4.3	117
175	PD-1-mediated suppression of IL-2 production induces CD8+ T cell anergy in vivo. <i>Journal of Immunology</i> , <b>2009</b> , 182, 6682-9	5.3	115
174	Role of AID in tumorigenesis. <i>Advances in Immunology</i> , <b>2007</b> , 94, 245-73	5.6	112
173	Allymphoplasia (aly)-type nuclear factor kappaB-inducing kinase (NIK) causes defects in secondary lymphoid tissue chemokine receptor signaling and homing of peritoneal cells to the gut-associated lymphatic tissue system. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 191, 1477-86	16.6	112
172	Activation-induced cytidine deaminase links between inflammation and the development of colitis-associated colorectal cancers. <i>Gastroenterology</i> , <b>2008</b> , 135, 889-98, 898.e1-3	13.3	111
171	The bcl-2 gene product inhibits clonal deletion of self-reactive B lymphocytes in the periphery but not in the bone marrow. <i>Journal of Experimental Medicine</i> , <b>1993</b> , 178, 1247-54	16.6	109
170	Cloning of human immunoglobulin mu gene and comparison with mouse mu gene. <i>Nucleic Acids Research</i> , <b>1980</b> , 8, 5983-91	20.1	109
169	The interleukin-4 enhancer CNS-2 is regulated by Notch signals and controls initial expression in NKT cells and memory-type CD4 T cells. <i>Immunity</i> , <b>2006</b> , 24, 689-701	32.3	106
168	Conservation of the biochemical mechanisms of signal transduction among mammalian Notch family members. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 9026-31	11.5	106
167	PPAR-Induced Fatty Acid Oxidation in T Cells Increases the Number of Tumor-Reactive CD8 T Cells and Facilitates Anti-PD-1 Therapy. <i>Cancer Immunology Research</i> , <b>2018</b> , 6, 1375-1387	12.5	105



166	Nonoverlapping roles of PD-1 and FoxP3 in maintaining immune tolerance in a novel autoimmune pancreatitis mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 8490-5	11.5	105
165	Combination therapy strategies for improving PD-1 blockade efficacy: a new era in cancer immunotherapy. <i>Journal of Internal Medicine</i> , <b>2018</b> , 283, 110-120	10.8	104
164	Nucleotide sequences of switch regions of immunoglobulin C epsilon and C gamma genes and their comparison.. <i>Journal of Biological Chemistry</i> , <b>1982</b> , 257, 7322-7329	5.4	100
163	B cell-specific and stimulation-responsive enhancers derepress Aicda by overcoming the effects of silencers. <i>Nature Immunology</i> , <b>2010</b> , 11, 148-54	19.1	99
162	Discovery of activation-induced cytidine deaminase, the engraver of antibody memory. <i>Advances in Immunology</i> , <b>2007</b> , 94, 1-36	5.6	99
161	Uracil DNA glycosylase activity is dispensable for immunoglobulin class switch. <i>Science</i> , <b>2004</b> , 305, 1160-33.3	3.3	99
160	Complete nucleotide sequence of immunoglobulin gamma2b chain gene cloned from newborn mouse DNA. <i>Nature</i> , <b>1980</b> , 283, 786-9	50.4	98
159	De novo protein synthesis is required for the activation-induced cytidine deaminase function in class-switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 2634-8	11.5	96
158	Histone acetylation determines the developmentally regulated accessibility for T cell receptor gamma gene recombination. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 193, 873-80	16.6	94
157	Deletion of immunoglobulin heavy chain genes from expressed allelic chromosome. <i>Nature</i> , <b>1980</b> , 286, 850-3	50.4	93
156	Fractalkine and macrophage-derived chemokine: T cell-attracting chemokines expressed in T cell area dendritic cells. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 1925-32	6.1	91
155	Calumenin, a Ca <sup>2+</sup> -binding protein retained in the endoplasmic reticulum with a novel carboxyl-terminal sequence, HDEF. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 18232-9	5.4	88
154	Absence of programmed death receptor 1 alters thymic development and enhances generation of CD4/CD8 double-negative TCR-transgenic T cells. <i>Journal of Immunology</i> , <b>2003</b> , 171, 4574-81	5.3	88
153	Fatal autoimmune hepatitis induced by concurrent loss of naturally arising regulatory T cells and PD-1-mediated signaling. <i>Gastroenterology</i> , <b>2008</b> , 135, 1333-43	13.3	87
152	Role of PD-1 in Immunity and Diseases. <i>Current Topics in Microbiology and Immunology</i> , <b>2017</b> , 410, 75-97	3.3	85
151	Functional conservation of mouse Notch receptor family members. <i>FEBS Letters</i> , <b>1996</b> , 395, 221-4	3.8	85
150	Negative regulation of activation-induced cytidine deaminase in B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 2752-7	11.5	84
149	Histone3 lysine4 trimethylation regulated by the facilitates chromatin transcription complex is critical for DNA cleavage in class switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 22190-5	11.5	83



148	Multiple roles of Notch signaling in cochlear development. <i>Developmental Biology</i> , <b>2007</b> , 307, 165-78	3.1	83
147	Expression of functional human interleukin-2 receptor in mouse T cells by cDNA transfection. <i>Nature</i> , <b>1986</b> , 320, 75-7	50.4	83
146	AID to overcome the limitations of genomic information. <i>Nature Immunology</i> , <b>2005</b> , 6, 655-61	19.1	82
145	Autoimmune disease of exocrine organs in immunodeficient alymphoplasia mice: a spontaneous model for Sjögren's syndrome. <i>European Journal of Immunology</i> , <b>1996</b> , 26, 2742-8	6.1	81
144	Administration of interleukin-5 or -10 activates peritoneal B-1 cells and induces autoimmune hemolytic anemia in anti-erythrocyte autoantibody-transgenic mice. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 3047-52	6.1	80
143	Effects of breeding environments on generation and activation of autoreactive B-1 cells in anti-red blood cell autoantibody transgenic mice. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 791-4	16.6	77
142	Generation, expansion, migration and activation of mouse B1 cells. <i>Immunological Reviews</i> , <b>2000</b> , 176, 205-15	11.3	77
141	Direct interaction of the mitochondrial membrane protein carnitine palmitoyltransferase I with Bcl-2. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 231, 523-5	3.4	75
140	Production of sterile transcripts of C gamma genes in an IgM-producing human neoplastic B cell line that switches to IgG-producing cells. <i>International Immunology</i> , <b>1989</b> , 1, 631-42	4.9	75
139	Organ-specific profiles of genetic changes in cancers caused by activation-induced cytidine deaminase expression. <i>International Journal of Cancer</i> , <b>2008</b> , 123, 2735-40	7.5	73
138	Target specificity of immunoglobulin class switch recombination is not determined by nucleotide sequences of S regions. <i>Immunity</i> , <b>1998</b> , 9, 849-58	32.3	72
137	Evolution of class switch recombination function in fish activation-induced cytidine deaminase, AID. <i>International Immunology</i> , <b>2006</b> , 18, 41-7	4.9	69
136	Palindromic but not G-rich sequences are targets of class switch recombination. <i>International Immunology</i> , <b>2001</b> , 13, 495-505	4.9	69
135	Unmutated immunoglobulin M can protect mice from death by influenza virus infection. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 1779-85	16.6	67
134	Metabolic shift induced by systemic activation of T cells in PD-1-deficient mice perturbs brain monoamines and emotional behavior. <i>Nature Immunology</i> , <b>2017</b> , 18, 1342-1352	19.1	66
133	Variable deletion and duplication at recombination junction ends: implication for staggered double-strand cleavage in class-switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 13860-5	11.5	66
132	Current issues and perspectives in PD-1 blockade cancer immunotherapy. <i>International Journal of Clinical Oncology</i> , <b>2020</b> , 25, 790-800	4.2	66
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