

David Baltimore

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

165
papers

44,361
citations

87
h-index

178
g-index

178
ext. papers

48,356
ext. citations

23.6
avg, IF

7.57
L-index

#	Paper	IF	Citations
165	NF-kappaB-dependent induction of microRNA miR-146, an inhibitor targeted to signaling proteins of innate immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 12481-6	11.5	3461
164	Multiple nuclear factors interact with the immunoglobulin enhancer sequences. <i>Cell</i> , 1986 , 46, 705-16	56.2	2389
163	An inducible transcription factor activates expression of human immunodeficiency virus in T cells. <i>Nature</i> , 1987 , 326, 711-3	50.4	1896
162	Inducibility of kappa immunoglobulin enhancer-binding protein NF-kappa B by a posttranslational mechanism. <i>Cell</i> , 1986 , 47, 921-8	56.2	1850
161	RNA-dependent DNA polymerase in virions of RNA tumour viruses. <i>Nature</i> , 1970 , 226, 1209-11	50.4	1717
160	MicroRNA-155 is induced during the macrophage inflammatory response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 1604-9	11.5	1495
159	The IkappaB-NF-kappaB signaling module: temporal control and selective gene activation. <i>Science</i> , 2002 , 298, 1241-5	33.3	1458
158	Physiological and pathological roles for microRNAs in the immune system. <i>Nature Reviews Immunology</i> , 2010 , 10, 111-22	36.5	1185
157	A nuclear factor that binds to a conserved sequence motif in transcriptional control elements of immunoglobulin genes. <i>Nature</i> , 1986 , 319, 154-8	50.4	1167
156	Activation of DNA-binding activity in an apparently cytoplasmic precursor of the NF-kappa B transcription factor. <i>Cell</i> , 1988 , 53, 211-7	56.2	1152
155	The V(D)J recombination activating gene, RAG-1. <i>Cell</i> , 1989 , 59, 1035-48	56.2	989
154	30 Years of NF- κ B: A Blossoming of Relevance to Human Pathobiology. <i>Cell</i> , 2017 , 168, 37-57	56.2	952
153	MicroRNAs: new regulators of immune cell development and function. <i>Nature Immunology</i> , 2008 , 9, 839-45	45.1	905
152	Immunoglobulin gene transcription is activated by downstream sequence elements. <i>Cell</i> , 1983 , 33, 741-8	56.2	869
151	HIV-1 Nef protein protects infected primary cells against killing by cytotoxic T lymphocytes. <i>Nature</i> , 1998 , 391, 397-401	50.4	854
150	Function of miR-146a in controlling Treg cell-mediated regulation of Th1 responses. <i>Cell</i> , 2010 , 142, 914-20	39.2	837
149	A lymphoid-specific protein binding to the octamer motif of immunoglobulin genes. <i>Nature</i> , 1986 , 323, 640-3	50.4	728

148	MicroRNA-155 promotes autoimmune inflammation by enhancing inflammatory T cell development. <i>Immunity</i> , 2010 , 33, 607-19	32.3	688
147	microRNA regulation of inflammatory responses. <i>Annual Review of Immunology</i> , 2012 , 30, 295-312	34.7	672
146	miR-146a is a significant brake on autoimmunity, myeloproliferation, and cancer in mice. <i>Journal of Experimental Medicine</i> , 2011 , 208, 1189-201	16.6	658
145	Inositol phosphatase SHIP1 is a primary target of miR-155. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 7113-8	11.5	644
144	Preferential utilization of the most JH-proximal VH gene segments in pre-B-cell lines. <i>Nature</i> , 1984 , 311, 727-33	50.4	615
143	Sustained expression of microRNA-155 in hematopoietic stem cells causes a myeloproliferative disorder. <i>Journal of Experimental Medicine</i> , 2008 , 205, 585-94	16.6	597
142	A detailed model of reverse transcription and tests of crucial aspects. <i>Cell</i> , 1979 , 18, 93-100	56.2	571
141	Defective viral particles and viral disease processes. <i>Nature</i> , 1970 , 226, 325-7	50.4	537
140	Achieving stability of lipopolysaccharide-induced NF-kappaB activation. <i>Science</i> , 2005 , 309, 1854-7	33.3	510
139	Abelson murine leukaemia virus protein is phosphorylated in vitro to form phosphotyrosine. <i>Nature</i> , 1980 , 283, 826-31	50.4	503
138	Activation of apoptosis signal-regulating kinase 1 (ASK1) by the adapter protein Daxx. <i>Science</i> , 1998 , 281, 1860-3	33.3	495
137	Permissive secondary mutations enable the evolution of influenza oseltamivir resistance. <i>Science</i> , 2010 , 328, 1272-5	33.3	478
136	Organization and reorganization of immunoglobulin genes in A-MULV-transformed cells: rearrangement of heavy but not light chain genes. <i>Cell</i> , 1981 , 27, 381-90	56.2	476
135	Antibody-based protection against HIV infection by vectored immunoprophylaxis. <i>Nature</i> , 2011 , 481, 81-4	50.4	407
134	MicroRNAs as regulatory elements in immune system logic. <i>Nature Reviews Immunology</i> , 2016 , 16, 279-94	36.5	402
133	The stability of mRNA influences the temporal order of the induction of genes encoding inflammatory molecules. <i>Nature Immunology</i> , 2009 , 10, 281-8	19.1	380
132	Cell-to-cell spread of HIV permits ongoing replication despite antiretroviral therapy. <i>Nature</i> , 2011 , 477, 95-8	50.4	357
131	One nucleotide in a kappaB site can determine cofactor specificity for NF-kappaB dimers. <i>Cell</i> , 2004 , 118, 453-64	56.2	343

130	NF-kappaB dysregulation in microRNA-146a-deficient mice drives the development of myeloid malignancies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 9184-9	11.5	306
129	MicroRNAs and immunity: tiny players in a big field. <i>Immunity</i> , 2007 , 26, 133-7	32.3	286
128	Continuing kappa-gene rearrangement in a cell line transformed by Abelson murine leukemia virus. <i>Cell</i> , 1982 , 30, 807-16	56.2	280
127	Heme-mediated SPI-C induction promotes monocyte differentiation into iron-recycling macrophages. <i>Cell</i> , 2014 , 156, 1223-1234	56.2	258
126	Modelling T-cell memory by genetic marking of memory T cells in vivo. <i>Nature</i> , 1999 , 399, 593-7	50.4	251
125	Immunoglobulin synthesis by lymphoid cells transformed in vitro by Abelson murine leukemia virus. <i>Cell</i> , 1979 , 16, 389-96	56.2	245
124	MicroRNA-125b potentiates macrophage activation. <i>Journal of Immunology</i> , 2011 , 187, 5062-8	5.3	238
123	MicroRNAs enriched in hematopoietic stem cells differentially regulate long-term hematopoietic output. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 14235-40	11.5	222
122	miR-146a controls the resolution of T cell responses in mice. <i>Journal of Experimental Medicine</i> , 2012 , 209, 1655-70	16.6	219
121	Activity of multiple light chain genes in murine myeloma cells producing a single, functional light chain. <i>Cell</i> , 1980 , 21, 1-12	56.2	216
120	Conversion of danger signals into cytokine signals by hematopoietic stem and progenitor cells for regulation of stress-induced hematopoiesis. <i>Cell Stem Cell</i> , 2014 , 14, 445-459	18	212
119	Phosphotyrosine-containing proteins isolated by affinity chromatography with antibodies to a synthetic hapten. <i>Nature</i> , 1981 , 294, 654-6	50.4	203
118	MicroRNA-34a perturbs B lymphocyte development by repressing the forkhead box transcription factor Foxp1. <i>Immunity</i> , 2010 , 33, 48-59	32.3	190
117	Is terminal deoxynucleotidyl transferase a somatic mutagen in lymphocytes?. <i>Nature</i> , 1974 , 248, 409-11	50.4	187
116	Formation of disulphide-linked mu 2 omega 2 tetramers in pre-B cells by the 18K omega-immunoglobulin light chain. <i>Nature</i> , 1987 , 329, 172-4	50.4	180
115	Distinct factors bind to apparently homologous sequences in the immunoglobulin heavy-chain enhancer. <i>Nature</i> , 1986 , 322, 846-8	50.4	177
114	Immunoglobulin heavy-chain expression and class switching in a murine leukaemia cell line. <i>Nature</i> , 1982 , 296, 325-31	50.4	177
113	MicroRNAs, new effectors and regulators of NF-B. <i>Immunological Reviews</i> , 2012 , 246, 205-20	11.3	176

112	Engineered lentivector targeting of dendritic cells for in vivo immunization. <i>Nature Biotechnology</i> , 2008 , 26, 326-34	44.5	174
111	Vectored immunoprophylaxis protects humanized mice from mucosal HIV transmission. <i>Nature Medicine</i> , 2014 , 20, 296-300	50.5	172
110	In vitro synthesis of DNA complementary to rabbit reticulocyte 10S RNA. <i>Nature: New Biology</i> , 1972 , 235, 163-7		171
109	Regulation of NF-kappaB activity through lysine monomethylation of p65. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 18972-7	11.5	169
108	HIV-1 directly kills CD4+ T cells by a Fas-independent mechanism. <i>Journal of Experimental Medicine</i> , 1998 , 187, 1113-22	16.6	166
107	Adoptive transfer of MART-1 T-cell receptor transgenic lymphocytes and dendritic cell vaccination in patients with metastatic melanoma. <i>Clinical Cancer Research</i> , 2014 , 20, 2457-65	12.9	162
106	Broadly neutralizing antibodies abrogate established hepatitis C virus infection. <i>Science Translational Medicine</i> , 2014 , 6, 254ra129	17.5	161
105	Antigen Identification for Orphan T Cell Receptors Expressed on Tumor-Infiltrating Lymphocytes. <i>Cell</i> , 2018 , 172, 549-563.e16	56.2	160
104	Stable expression of immunoglobulin gene V(D)J recombinase activity by gene transfer into 3T3 fibroblasts. <i>Cell</i> , 1988 , 53, 107-15	56.2	153
103	Interaction of HeLa cell proteins with RNA. <i>Journal of Molecular Biology</i> , 1970 , 47, 263-73	6.5	151
102	Aspects of the synthesis of poliovirus RNA and the formation of virus particles. <i>Virology</i> , 1966 , 29, 179-89.6		151
101	Deletion of the Ig kappa light chain intronic enhancer/matrix attachment region impairs but does not abolish V kappa J kappa rearrangement. <i>Immunity</i> , 1996 , 4, 377-85	32.3	143
100	A normal cell protein cross-reactive to the major Abelson murine leukaemia virus gene product. <i>Nature</i> , 1979 , 281, 396-8	50.4	143
99	Epistasis between microRNAs 155 and 146a during T cell-mediated antitumor immunity. <i>Cell Reports</i> , 2012 , 2, 1697-709	10.6	131
98	Oncomir miR-125b regulates hematopoiesis by targeting the gene Lin28A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 4233-8	11.5	128
97	An NF-B-microRNA regulatory network tunes macrophage inflammatory responses. <i>Nature Communications</i> , 2017 , 8, 851	17.4	127
96	Covalently linked RNA-DNA molecule as initial product of RNA tumour virus DNA polymerase. <i>Nature: New Biology</i> , 1971 , 233, 131-4		123
95	Defective interfering particles of poliovirus. I. Isolation and physical properties. <i>Journal of Virology</i> , 1971 , 7, 478-85	6.6	122

94	NF- κ B is 25. <i>Nature Immunology</i> , 2011 , 12, 683-5	19.1	121
93	ATM and RPA in meiotic chromosome synapsis and recombination. <i>Nature Genetics</i> , 1997 , 17, 457-61	36.3	121
92	Activation of the transcriptional function of the NF- κ B protein c-Rel by O-GlcNAc glycosylation. <i>Science Signaling</i> , 2013 , 6, ra75	8.8	117
91	HIV's evasion of the cellular immune response. <i>Immunological Reviews</i> , 1999 , 168, 65-74	11.3	113
90	Effect of pactamycin on synthesis of poliovirus proteins: a method for genetic mapping. <i>Journal of Virology</i> , 1971 , 8, 395-401	6.6	110
89	Joining of V kappa to J kappa gene segments in a retroviral vector introduced into lymphoid cells. <i>Nature</i> , 1984 , 308, 425-8	50.4	108
88	MicroRNA-146a acts as a guardian of the quality and longevity of hematopoietic stem cells in mice. <i>ELife</i> , 2013 , 2, e00537	8.9	106
87	Regulation of monocyte functional heterogeneity by miR-146a and Relb. <i>Cell Reports</i> , 2012 , 1, 317-24	10.6	98
86	Long-term in vivo provision of antigen-specific T cell immunity by programming hematopoietic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 4518-23	11.5	98
85	Preliminary data on a virus-specific enzyme system responsible for the synthesis of viral RNA. <i>Biochemical and Biophysical Research Communications</i> , 1962 , 9, 388-92	3.4	98
84	Forms of deoxyribonucleic acid produced by virions of the ribonucleic acid tumor viruses. <i>Journal of Virology</i> , 1971 , 7, 106-11	6.6	98
83	DNA polymerase activity from two temperature-sensitive mutants of Rous sarcoma virus is thermolabile. <i>Nature</i> , 1974 , 251, 27-31	50.4	96
82	Essential roles of the kappa light chain intronic enhancer and 3' enhancer in kappa rearrangement and demethylation. <i>Nature Immunology</i> , 2002 , 3, 463-8	19.1	95
81	Generation of mature T cells from human hematopoietic stem and progenitor cells in artificial thymic organoids. <i>Nature Methods</i> , 2017 , 14, 521-530	21.6	91
80	Initiation of polyribosome formation in poliovirus-infected HeLa cells. <i>Journal of Molecular Biology</i> , 1970 , 47, 275-91	6.5	91
79	Broad protection against influenza infection by vectored immunoprophylaxis in mice. <i>Nature Biotechnology</i> , 2013 , 31, 647-52	44.5	88
78	Broadly Neutralizing Human Immunodeficiency Virus Type 1 Antibody Gene Transfer Protects Nonhuman Primates from Mucosal Simian-Human Immunodeficiency Virus Infection. <i>Journal of Virology</i> , 2015 , 89, 8334-45	6.6	81
77	Alternative mRNA splicing in cancer immunotherapy. <i>Nature Reviews Immunology</i> , 2019 , 19, 675-687	36.5	81

76	Virus-like 30S RNA in mouse cells. <i>Journal of Virology</i> , 1979 , 29, 1168-76	6.6	81
75	Antitumor activity from antigen-specific CD8 T cells generated in vivo from genetically engineered human hematopoietic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E1408-16	11.5	80
74	Dual expression of lambda genes in the MOPC-315 plasmacytoma. <i>Nature</i> , 1981 , 290, 65-7	50.4	79
73	Absence of interference during high-multiplicity infection by clonally purified vesicular stomatitis virus. <i>Journal of Virology</i> , 1971 , 7, 409-11	6.6	79
72	In vitro synthesis of infectious DNA of murine leukaemia virus. <i>Nature</i> , 1977 , 269, 122-6	50.4	77
71	Functional TCR T cell screening using single-cell droplet microfluidics. <i>Lab on A Chip</i> , 2018 , 18, 3733-3749	9.2	77
70	Transformation of immature lymphoid cells by Abelson murine leukemia virus. <i>Immunological Reviews</i> , 1979 , 48, 3-22	11.3	76
69	5S Terminal nucleotide sequences of polio virus polyribosomal RNA and virion RNA are identical. <i>Nature</i> , 1977 , 268, 270-2	50.4	71
68	Morphogenesis of poliovirus. II. Demonstration of a new intermediate, the proviron. <i>Journal of Virology</i> , 1973 , 12, 1122-30	6.6	70
67	The MicroRNA-132 and MicroRNA-212 Cluster Regulates Hematopoietic Stem Cell Maintenance and Survival with Age by Buffering FOXO3 Expression. <i>Immunity</i> , 2015 , 42, 1021-32	32.3	69
66	RNA splicing regulates the temporal order of TNF-induced gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11934-9	11.5	66
65	Nomenclature of eukaryotic DNA polymerases. <i>FEBS Journal</i> , 1975 , 59, 1-2		63
64	Heterogeneous Responses of Hematopoietic Stem Cells to Inflammatory Stimuli Are Altered with Age. <i>Cell Reports</i> , 2018 , 25, 2992-3005.e5	10.6	63
63	Sam68 is required for both NF- κ B activation and apoptosis signaling by the TNF receptor. <i>Molecular Cell</i> , 2011 , 43, 167-79	17.6	60
62	Absence of miR-146a in Podocytes Increases Risk of Diabetic Glomerulopathy via Up-regulation of ErbB4 and Notch-1. <i>Journal of Biological Chemistry</i> , 2017 , 292, 732-747	5.4	57
61	T cell antigen discovery via signaling and antigen-presenting bifunctional receptors. <i>Nature Methods</i> , 2019 , 16, 191-198	21.6	55
60	T cell antigen discovery via trogocytosis. <i>Nature Methods</i> , 2019 , 16, 183-190	21.6	53
59	The microRNA-212/132 cluster regulates B cell development by targeting Sox4. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1679-92	16.6	53

58	Generation of functional antigen-specific T cells in defined genetic backgrounds by retrovirus-mediated expression of TCR cDNAs in hematopoietic precursor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 6204-9	11.5	52
57	Let-7 Suppresses B Cell Activation through Restricting the Availability of Necessary Nutrients. <i>Cell Metabolism</i> , 2018 , 27, 393-403.e4	24.6	50
56	MicroRNAs and hematopoietic cell development. <i>Current Topics in Developmental Biology</i> , 2012 , 99, 145-34	3.4	50
55	RNA-binding protein Lin28 in cancer and immunity. <i>Cancer Letters</i> , 2016 , 375, 108-113	9.9	49
54	HIV-1 Gag-specific immunity induced by a lentivector-based vaccine directed to dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20382-7	11.5	45
53	The Yin and Yang of microRNAs: leukemia and immunity. <i>Immunological Reviews</i> , 2013 , 253, 129-45	11.3	44
52	Lentiviral vector delivery of human interleukin-7 (hIL-7) to human immune system (HIS) mice expands T lymphocyte populations. <i>PLoS ONE</i> , 2010 , 5, e12009	3.7	44
51	Sensitive Detection and Analysis of Neoantigen-Specific T Cell Populations from Tumors and Blood. <i>Cell Reports</i> , 2019 , 28, 2728-2738.e7	10.6	42
50	Vectored antibody gene delivery protects against Plasmodium falciparum sporozoite challenge in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12528-32	11.5	42
49	The identification of nucleoside triphosphate ends on RNA formed in the RNA polymerase reaction. <i>Biochemical and Biophysical Research Communications</i> , 1965 , 18, 801-811	3.4	42
48	The Cellular Immunotherapy Revolution: Arming the Immune System for Precision Therapy. <i>Trends in Immunology</i> , 2019 , 40, 292-309	14.4	40
47	Myeloid cell-targeted miR-146a mimic inhibits NF- κ B-driven inflammation and leukemia progression in vivo. <i>Blood</i> , 2020 , 135, 167-180	2.2	40
46	Dual mechanisms by which miR-125b represses IRF4 to induce myeloid and B-cell leukemias. <i>Blood</i> , 2014 , 124, 1502-12	2.2	38
45	A computational-experimental approach identifies mutations that enhance surface expression of an oseltamivir-resistant influenza neuraminidase. <i>PLoS ONE</i> , 2011 , 6, e22201	3.7	38
44	Antibody gene transfer with adeno-associated viral vectors as a method for HIV prevention. <i>Immunological Reviews</i> , 2017 , 275, 324-333	11.3	37
43	Domain-swapped T cell receptors improve the safety of TCR gene therapy. <i>ELife</i> , 2016 , 5,	8.9	37
42	Multi-omic single-cell snapshots reveal multiple independent trajectories to drug tolerance in a melanoma cell line. <i>Nature Communications</i> , 2020 , 11, 2345	17.4	36
41	Allelic exclusion and peripheral reconstitution by TCR transgenic T cells arising from transduced human hematopoietic stem/progenitor cells. <i>Molecular Therapy</i> , 2013 , 21, 1044-54	11.7	36

40	Discovering NF-kappaB. <i>Cold Spring Harbor Perspectives in Biology</i> , 2009 , 1, a000026	10.2	35
39	CD4+CD25- T cells transduced to express MHC class I-restricted epitope-specific TCR synthesize Th1 cytokines and exhibit MHC class I-restricted cytolytic effector function in a human melanoma model. <i>Journal of Immunology</i> , 2008 , 181, 1063-70	5.3	35
38	Isolation and characterization of NY-ESO-1-specific T cell receptors restricted on various MHC molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E10702-E10711	11.5	35
37	MicroRNA-146a provides feedback regulation of lyme arthritis but not carditis during infection with <i>Borrelia burgdorferi</i> . <i>PLoS Pathogens</i> , 2014 , 10, e1004212	7.6	30
36	As good as it gets? The problem of HIV persistence despite antiretroviral drugs. <i>Cell Host and Microbe</i> , 2012 , 12, 132-8	23.4	29
35	Epigenetic silencing of miR-125b is required for normal B-cell development. <i>Blood</i> , 2018 , 131, 1920-1930.	2.2	28
34	Defective interfering particles of poliovirus. IV. Mechanisms of enrichment. <i>Journal of Virology</i> , 1973 , 12, 1414-26	6.6	26
33	EHMT1 protein binds to nuclear factor-B p50 and represses gene expression. <i>Journal of Biological Chemistry</i> , 2012 , 287, 31207-17	5.4	24
32	Sexual preference of apparent gene conversion events in MHC genes of mice. <i>Nature</i> , 1984 , 309, 639-40	50.4	24
31	Dual mechanisms of posttranscriptional regulation of Tet2 by Let-7 microRNA in macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 12416-12421	11.5	22
30	MATE-Seq: microfluidic antigen-TCR engagement sequencing. <i>Lab on A Chip</i> , 2019 , 19, 3011-3021	7.2	19
29	BUD13 Promotes a Type I Interferon Response by Countering Intron Retention in Irf7. <i>Molecular Cell</i> , 2019 , 73, 803-814.e6	17.6	19
28	Single-molecule analysis of RAG-mediated V(D)J DNA cleavage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1715-23	11.5	17
27	Multiple nuclear factors interact with the immunoglobulin enhancer sequences. <i>Cell</i> 1986. 46: 705-716. <i>Journal of Immunology</i> , 2006 , 177, 7485-96	5.3	17
26	Deficiency of Nuclear Factor-B c-Rel Accelerates the Development of Autoimmune Diabetes in NOD Mice. <i>Diabetes</i> , 2016 , 65, 2367-79	0.9	16
25	HIV-1 Conserved Mosaics Delivered by Regimens with Integration-Deficient DC-Targeting Lentiviral Vector Induce Robust T Cells. <i>Molecular Therapy</i> , 2017 , 25, 494-503	11.7	15
24	Preparation of peptide-MHC and T-cell receptor dextramers by biotinylated dextran doping. <i>BioTechniques</i> , 2017 , 62, 123-130	2.5	11
23	Use of mutated self-cleaving 2A peptides as a molecular rheostat to direct simultaneous formation of membrane and secreted anti-HIV immunoglobulins. <i>PLoS ONE</i> , 2012 , 7, e50438	3.7	11

22	T cell receptors for the HIV KK10 epitope from patients with differential immunologic control are functionally indistinguishable. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1877-1882	11.5	10
21	A kinetic investigation of interacting, stimulated T cells identifies conditions for rapid functional enhancement, minimal phenotype differentiation, and improved adoptive cell transfer tumor eradication. <i>PLoS ONE</i> , 2018 , 13, e0191634	3.7	10
20	Photon-Induced Near-Field Electron Microscopy of Eukaryotic Cells. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11498-11501	16.4	10
19	Dendritic cell-targeted lentiviral vector immunization uses pseudotransduction and DNA-mediated STING and cGAS activation. <i>Science Immunology</i> , 2017 , 2,	28	9
18	Temperature-sensitive dna polymerase from rous sarcoma virus mutants. <i>Cancer</i> , 1974 , 34, 1395-1397	6.4	8
17	Alternative splicing coupled with transcript degradation modulates OAS1g antiviral activity. <i>Rna</i> , 2020 , 26, 126-136	5.8	8
16	The impact of the discovery of oncogenes on cancer mortality rates will come slowly. <i>Cancer</i> , 1987 , 59, 1985-6	6.4	7
15	IND-Enabling Studies for a Clinical Trial to Genetically Program a Persistent Cancer-Targeted Immune System. <i>Clinical Cancer Research</i> , 2019 , 25, 1000-1011	12.9	7
14	Dendritic cells efficiently transmit HIV to T Cells in a tenofovir and raltegravir insensitive manner. <i>PLoS ONE</i> , 2018 , 13, e0189945	3.7	5
13	Kinetic Inference Resolves Epigenetic Mechanism of Drug Resistance in Melanoma		4
12	Sequence-dependent dynamics of synthetic and endogenous RSSs in V(D)J recombination. <i>Nucleic Acids Research</i> , 2020 , 48, 6726-6739	20.1	3
11	Characterization of Postinfusion Phenotypic Differences in Fresh Versus Cryopreserved TCR Engineered Adoptive Cell Therapy Products. <i>Journal of Immunotherapy</i> , 2018 , 41, 248-259	5	3
10	The synthesis of protein by mammalian RNA viruses. In: strategy of the viral genome. <i>Novartis Foundation Symposium</i> , 1971 , 101-10		3
9	Retrospective. Renato Dulbecco (1914-2012). <i>Science</i> , 2012 , 335, 1587	33.3	2
8	Kinetic Inference Resolves Epigenetic Mechanism of Drug Resistance in Melanoma. <i>SSRN Electronic Journal</i> ,	1	2
7	Sixty Years of Discovery. <i>Annual Review of Immunology</i> , 2019 , 37, 1-17	34.7	2
6	The Preoccupations of Twenty-First-Century Biology 2008 , 1-5		1
5	Molecular genetics of poliovirus. <i>Clinical Infectious Diseases</i> , 1984 , 6 Suppl 2, S484-6	11.6	1

- 4 A new genetics of poliovirus. *Journal of Cellular Physiology*, **1982**, 2, 23-36 7 1
- 3 The microRNA-212/132 cluster regulates B cell development by targeting Sox4. *Journal of Cell Biology*, **2015**, 210, 2107OIA191 73 1
- 2 Sequence-Dependent Dynamics of Synthetic and Endogenous RSSs in V(D)J Recombination 1
- 1 Photon-Induced Near-Field Electron Microscopy of Eukaryotic Cells. *Angewandte Chemie*, **2017**, 129, 11656-11659 56