

David G Schatz

List of Publications by Year in Descending Order

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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.

152
papers

11,245
citations

56
h-index

104
g-index

171
ext. papers

12,564
ext. citations

18.7
avg, IF

6.33
L-index

#	Paper	IF	Citations
152	Structural insights into the evolution of the RAG recombinase. <i>Nature Reviews Immunology</i> , 2021 ,	36.5	3
151	RAG2 abolishes RAG1 aggregation to facilitate V(D)J recombination. <i>Cell Reports</i> , 2021 , 37, 109824	10.6	1
150	Structural visualization of transcription activated by a multidrug-sensing MerR family regulator. <i>Nature Communications</i> , 2021 , 12, 2702	17.4	5
149	The RAG1 N-terminal region regulates the efficiency and pathways of synapsis for V(D)J recombination. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	5
148	Structural basis of mismatch recognition by a SARS-CoV-2 proofreading enzyme. <i>Science</i> , 2021 , 373, 1142-1146	35.1	19
147	Identification of RAG-like transposons in protostomes suggests their ancient bilaterian origin. <i>Mobile DNA</i> , 2020 , 11, 17	4.4	11
146	A Future Outlook on Molecular Mechanisms of Immunity. <i>Trends in Immunology</i> , 2020 , 41, 549-555	14.4	0
145	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
144	Making ends meet in class switch recombination. <i>Cell Research</i> , 2020 , 30, 711-712	24.7	
143	Nucleolar localization of RAG1 modulates V(D)J recombination activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 4300-4309	11.5	9
142	Disease-associated CTNBL1 mutation impairs somatic hypermutation by decreasing nuclear AID. <i>Journal of Clinical Investigation</i> , 2020 , 130, 4411-4422	15.9	5
141	Structural basis for the activation and suppression of transposition during evolution of the RAG recombinase. <i>EMBO Journal</i> , 2020 , 39, e105857	13	5
140	Transcription factor binding at Ig enhancers is linked to somatic hypermutation targeting. <i>European Journal of Immunology</i> , 2020 , 50, 380-395	6.1	2
139	TET enzymes augment activation-induced deaminase (AID) expression via 5-hydroxymethylcytosine modifications at the superenhancer. <i>Science Immunology</i> , 2019 , 4,	28	40
138	Transposon molecular domestication and the evolution of the RAG recombinase. <i>Nature</i> , 2019 , 569, 79-84	36.4	64
137	Structures of a RAG-like transposase during cut-and-paste transposition. <i>Nature</i> , 2019 , 575, 540-544	50.4	13
136	Intra-V _H Cluster Recombination Shapes the Ig Kappa Locus Repertoire. <i>Cell Reports</i> , 2019 , 29, 4471-4481	16.6	3

135	Topologically Associated Domains Delineate Susceptibility to Somatic Hypermutation. <i>Cell Reports</i> , 2019 , 29, 3902-3915.e8	10.6	12
134	DNA melting initiates the RAG catalytic pathway. <i>Nature Structural and Molecular Biology</i> , 2018 , 25, 732-742	14.6	26
133	Immature Lymphocytes Inhibit and Transcription and V(D)J Recombination in Response to DNA Double-Strand Breaks. <i>Journal of Immunology</i> , 2017 , 198, 2943-2956	5.3	13
132	New insights into the evolutionary origins of the recombination-activating gene proteins and V(D)J recombination. <i>FEBS Journal</i> , 2017 , 284, 1590-1605	5.7	53
131	Modeling altered T-cell development with induced pluripotent stem cells from patients with RAG1-dependent immune deficiencies. <i>Blood</i> , 2016 , 128, 783-93	2.2	32
130	Discovery of an Active RAG Transposon Illuminates the Origins of V(D)J Recombination. <i>Cell</i> , 2016 , 166, 102-14	56.2	117
129	Bcl6 Is Required for Somatic Hypermutation and Gene Conversion in Chicken DT40 Cells. <i>PLoS ONE</i> , 2016 , 11, e0149146	3.7	5
128	The Role of RAG in V(D)J Recombination 2016 , 99-106		
127	RAG1 targeting in the genome is dominated by chromatin interactions mediated by the non-core regions of RAG1 and RAG2. <i>Nucleic Acids Research</i> , 2016 , 44, 9624-9637	20.1	14
126	Collaboration of RAG2 with RAG1-like proteins during the evolution of V(D)J recombination. <i>Genes and Development</i> , 2016 , 30, 909-17	12.6	33
125	RAG Represents a Widespread Threat to the Lymphocyte Genome. <i>Cell</i> , 2015 , 162, 751-65	56.2	72
124	Genomic landscape of cutaneous T cell lymphoma. <i>Nature Genetics</i> , 2015 , 47, 1011-9	36.3	247
123	The architecture of the 12RSS in V(D)J recombination signal and synaptic complexes. <i>Nucleic Acids Research</i> , 2015 , 43, 917-31	20.1	8
122	Recruitment of RAG1 and RAG2 to Chromatinized DNA during V(D)J Recombination. <i>Molecular and Cellular Biology</i> , 2015 , 35, 3701-13	4.8	5
121	Chromosomal Loop Domains Direct the Recombination of Antigen Receptor Genes. <i>Cell</i> , 2015 , 163, 947-50.2	50.2	108
120	Mapping and Quantitation of the Interaction between the Recombination Activating Gene Proteins RAG1 and RAG2. <i>Journal of Biological Chemistry</i> , 2015 , 290, 11802-17	5.4	16
119	Histone reader BRWD1 targets and restricts recombination to the Igk locus. <i>Nature Immunology</i> , 2015 , 16, 1094-103	19.1	24
118	Regulation and Evolution of the RAG Recombinase. <i>Advances in Immunology</i> , 2015 , 128, 1-39	5.6	48

117	Mechanisms of clonal evolution in childhood acute lymphoblastic leukemia. <i>Nature Immunology</i> , 2015 , 16, 766-774	19.1	121
116	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
115	Spatio-temporal regulation of RAG2 following genotoxic stress. <i>DNA Repair</i> , 2015 , 27, 19-27	4.3	8
114	The Mechanism of V(D)J Recombination 2015 , 13-34		8
113	The RAG recombinase dictates functional heterogeneity and cellular fitness in natural killer cells. <i>Cell</i> , 2014 , 159, 94-107	56.2	114
112	Targeting of somatic hypermutation by immunoglobulin enhancer and enhancer-like sequences. <i>PLoS Biology</i> , 2014 , 12, e1001831	9.7	37
111	Super-enhancer transcription converges on AID. <i>Cell</i> , 2014 , 159, 1490-2	56.2	6
110	Synapsis alters RAG-mediated nicking at Tcrb recombination signal sequences: implications for the Beyond 12/23 rule. <i>Molecular and Cellular Biology</i> , 2014 , 34, 2566-80	4.8	15
109	Induction of homologous recombination between sequence repeats by the activation induced cytidine deaminase (AID) protein. <i>ELife</i> , 2014 , 3, e03110	8.9	3
108	Higher-order looping and nuclear organization of Tcra facilitate targeted rag cleavage and regulated rearrangement in recombination centers. <i>Cell Reports</i> , 2013 , 3, 359-70	10.6	31
107	A critical context-dependent role for E boxes in the targeting of somatic hypermutation. <i>Journal of Immunology</i> , 2013 , 191, 1556-66	5.3	11
106	Multiple transcription factor binding sites predict AID targeting in non-Ig genes. <i>Journal of Immunology</i> , 2013 , 190, 3878-88	5.3	29
105	RAG and HMGB1 create a large bend in the 23RSS in the V(D)J recombination synaptic complexes. <i>Nucleic Acids Research</i> , 2013 , 41, 2437-54	20.1	16
104	The ataxia telangiectasia mutated kinase controls Ig β allelic exclusion by inhibiting secondary V β to-J β rearrangements. <i>Journal of Experimental Medicine</i> , 2013 , 210, 233-9	16.6	34
103	Peripheral subnuclear positioning suppresses Tcrb recombination and segregates Tcrb alleles from RAG2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E4628-37	11.5	23
102	Cooperative recruitment of HMGB1 during V(D)J recombination through interactions with RAG1 and DNA. <i>Nucleic Acids Research</i> , 2013 , 41, 3289-301	20.1	26
101	Dendritic cell-mediated activation-induced cytidine deaminase (AID)-dependent induction of genomic instability in human myeloma. <i>Blood</i> , 2012 , 119, 2302-9	2.2	35
100	Localized epigenetic changes induced by DH recombination restricts recombinase to DJH junctions. <i>Nature Immunology</i> , 2012 , 13, 1205-12	19.1	32

99	AID-targeting and hypermutation of non-immunoglobulin genes does not correlate with proximity to immunoglobulin genes in germinal center B cells. <i>PLoS ONE</i> , 2012 , 7, e39601	3.7	5
98	Identification of core DNA elements that target somatic hypermutation. <i>Journal of Immunology</i> , 2012 , 189, 5314-26	5.3	19
97	A dual interaction between the DNA damage response protein MDC1 and the RAG1 subunit of the V(D)J recombinase. <i>Journal of Biological Chemistry</i> , 2012 , 287, 36488-98	5.4	20
96	A role for cohesin in T-cell-receptor rearrangement and thymocyte differentiation. <i>Nature</i> , 2011 , 476, 467-71	50.4	178
95	V(D)J recombination: mechanisms of initiation. <i>Annual Review of Genetics</i> , 2011 , 45, 167-202	14.5	353
94	Uracil residues dependent on the deaminase AID in immunoglobulin gene variable and switch regions. <i>Nature Immunology</i> , 2011 , 12, 70-6	19.1	94
93	Recombination centres and the orchestration of V(D)J recombination. <i>Nature Reviews Immunology</i> , 2011 , 11, 251-63	36.5	361
92	Promoters, enhancers, and transcription target RAG1 binding during V(D)J recombination. <i>Journal of Experimental Medicine</i> , 2010 , 207, 2809-16	16.6	57
91	Sin1-mTORC2 suppresses rag and il7r gene expression through Akt2 in B cells. <i>Molecular Cell</i> , 2010 , 39, 433-43	17.6	60
90	The in vivo pattern of binding of RAG1 and RAG2 to antigen receptor loci. <i>Cell</i> , 2010 , 141, 419-31	56.2	218
89	Imatinib resistance and progression of CML to blast crisis: somatic hypermutation AIDing the way. <i>Cancer Cell</i> , 2009 , 16, 174-6	24.3	10
88	RAG-1 and ATM coordinate monoallelic recombination and nuclear positioning of immunoglobulin loci. <i>Nature Immunology</i> , 2009 , 10, 655-64	19.1	114
87	Structure of the RAG1 nonamer binding domain with DNA reveals a dimer that mediates DNA synapsis. <i>Nature Structural and Molecular Biology</i> , 2009 , 16, 499-508	17.6	68
86	Ebf1-dependent control of the osteoblast and adipocyte lineages. <i>Bone</i> , 2009 , 44, 537-46	4.7	65
85	Balancing AID and DNA repair during somatic hypermutation. <i>Trends in Immunology</i> , 2009 , 30, 173-81	14.4	155
84	Leaky severe combined immunodeficiency and aberrant DNA rearrangements due to a hypomorphic RAG1 mutation. <i>Blood</i> , 2009 , 113, 2965-75	2.2	38
83	Negative Regulation of Activation-Induced Cytidine Deaminase Protein Prevents Aberrant Somatic Hypermutation and Lymphomagenesis.. <i>Blood</i> , 2009 , 114, 94-94	2.2	
82	Two levels of protection for the B cell genome during somatic hypermutation. <i>Nature</i> , 2008 , 451, 841-5	50.4	453

81	A Role for Small RNA Molecules during the DNA Repair Phase of Somatic Hypermutation. <i>Blood</i> , 2008 , 112, 785-785	2.2	1
80	Understanding the spread of mutations during somatic hypermutation. <i>FASEB Journal</i> , 2008 , 22, 849.3	0.9	
79	Activation-induced cytidine deaminase-mediated sequence diversification is transiently targeted to newly integrated DNA substrates. <i>Journal of Biological Chemistry</i> , 2007 , 282, 25308-13	5.4	6
78	Targeting of AID-mediated sequence diversification by cis-acting determinants. <i>Advances in Immunology</i> , 2007 , 94, 109-25	5.6	24
77	The beyond 12/23 restriction is imposed at the nicking and pairing steps of DNA cleavage during V(D)J recombination. <i>Molecular and Cellular Biology</i> , 2007 , 27, 6288-99	4.8	22
76	Fluorescence resonance energy transfer analysis of recombination signal sequence configuration in the RAG1/2 synaptic complex. <i>Molecular and Cellular Biology</i> , 2007 , 27, 4745-58	4.8	15
75	Role of activation-induced deaminase protein kinase A phosphorylation sites in Ig gene conversion and somatic hypermutation. <i>Journal of Immunology</i> , 2007 , 179, 5274-80	5.3	27
74	Strand-biased spreading of mutations during somatic hypermutation. <i>Science</i> , 2007 , 317, 1227-30	33.3	49
73	Control of gene conversion and somatic hypermutation by immunoglobulin promoter and enhancer sequences. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2919-28	16.6	49
72	Mobilization of RAG-generated signal ends by transposition and insertion in vivo. <i>Molecular and Cellular Biology</i> , 2006 , 26, 1558-68	4.8	43
71	Roles of the Ig kappa light chain intronic and 3' enhancers in Igk somatic hypermutation. <i>Journal of Immunology</i> , 2006 , 177, 1146-51	5.3	38
70	AID and Igh switch region-Myc chromosomal translocations. <i>DNA Repair</i> , 2006 , 5, 1259-64	4.3	18
69	Origins of peripheral B cells in IL-7 receptor-deficient mice. <i>Molecular Immunology</i> , 2006 , 43, 326-34	4.3	21
68	Targeting of somatic hypermutation. <i>Nature Reviews Immunology</i> , 2006 , 6, 573-83	36.5	242
67	Histone modifications associated with somatic hypermutation. <i>Immunity</i> , 2005 , 23, 101-10	32.3	64
66	Biochemistry of V(D)J recombination. <i>Current Topics in Microbiology and Immunology</i> , 2005 , 290, 49-85	3.3	56
65	Response to 'Amplifying Igh translocations'. <i>Nature Immunology</i> , 2005 , 6, 118-118	19.1	2
64	B cells and osteoblast and osteoclast development. <i>Immunological Reviews</i> , 2005 , 208, 141-53	11.3	56

63	Radiosensitization of MDA-MB-231 breast tumor cells by adenovirus-mediated overexpression of a fragment of the XRCC4 protein. <i>Molecular Cancer Therapeutics</i> , 2005 , 4, 1541-7	6.1	22
62	Expression of activation-induced cytidine deaminase is regulated by cell division, providing a mechanistic basis for division-linked class switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13242-7	11.5	68
61	Immunology. UNGstoppable switching. <i>Science</i> , 2004 , 305, 1113-4	33.3	8
60	Synapsis of recombination signal sequences located in cis and DNA underwinding in V(D)J recombination. <i>Molecular and Cellular Biology</i> , 2004 , 24, 8727-44	4.8	14
59	Mutational analysis of terminal deoxynucleotidyltransferase-mediated N-nucleotide addition in V(D)J recombination. <i>Journal of Immunology</i> , 2004 , 172, 5478-88	5.3	23
58	Up-regulation of Hlx in immature Th cells induces IFN-gamma expression. <i>Journal of Immunology</i> , 2004 , 172, 114-22	5.3	42
57	Staggered AID-dependent DNA double strand breaks are the predominant DNA lesions targeted to S mu in Ig class switch recombination. <i>International Immunology</i> , 2004 , 16, 549-57	4.9	78
56	New concepts in the regulation of an ancient reaction: transposition by RAG1/RAG2. <i>Immunological Reviews</i> , 2004 , 200, 261-71	11.3	20
55	V(D)J recombination. <i>Immunological Reviews</i> , 2004 , 200, 5-11	11.3	99
54	B cell-specific loss of histone 3 lysine 9 methylation in the V(H) locus depends on Pax5. <i>Nature Immunology</i> , 2004 , 5, 853-61	19.1	93
53	Identification of an AID-independent pathway for chromosomal translocations between the Igh switch region and Myc. <i>Nature Immunology</i> , 2004 , 5, 1117-23	19.1	62
52	Non-redundancy of cytidine deaminases in class switch recombination. <i>European Journal of Immunology</i> , 2004 , 34, 844-849	6.1	16
51	Antigen receptor genes and the evolution of a recombinase. <i>Seminars in Immunology</i> , 2004 , 16, 245-56	10.7	61
50	Partial reconstitution of V(D)J rearrangement and lymphocyte development in RAG-deficient mice expressing inducible, tetracycline-regulated RAG transgenes. <i>Molecular Immunology</i> , 2004 , 40, 813-29	4.3	4
49	Uncovering the V(D)J recombinase. <i>Cell</i> , 2004 , 116, S103-6, 2 p following S106	56.2	25
48	Pax5-deficient mice exhibit early onset osteopenia with increased osteoclast progenitors. <i>Journal of Immunology</i> , 2004 , 173, 6583-91	5.3	52
47	RAG1-DNA binding in V(D)J recombination. Specificity and DNA-induced conformational changes revealed by fluorescence and CD spectroscopy. <i>Journal of Biological Chemistry</i> , 2003 , 278, 5584-96	5.4	27
46	Pax5 is required for recombination of transcribed, acetylated, 5' IgH V gene segments. <i>Genes and Development</i> , 2003 , 17, 37-42	12.6	127

45	A functional analysis of the spacer of V(D)J recombination signal sequences. <i>PLoS Biology</i> , 2003 , 1, E1	9.7	58
44	Regulation of RAG1/RAG2-mediated transposition by GTP and the C-terminal region of RAG2. <i>EMBO Journal</i> , 2003 , 22, 1922-30	13	60
43	Charles A. Janeway, Jr. (1943-2003). <i>Cell</i> , 2003 , 113, 433-434	56.2	2
42	Extrachromosomal recombination substrates recapitulate beyond 12/23 restricted VDJ recombination in nonlymphoid cells. <i>Immunity</i> , 2003 , 18, 65-74	32.3	58
41	Defective DNA repair and increased genomic instability in Artemis-deficient murine cells. <i>Journal of Experimental Medicine</i> , 2003 , 197, 553-65	16.6	161
40	DNA mismatches and GC-rich motifs target transposition by the RAG1/RAG2 transposase. <i>Nucleic Acids Research</i> , 2003 , 31, 6180-90	20.1	27
39	Inducible, reversible hair loss in transgenic mice. <i>Transgenic Research</i> , 2002 , 11, 241-7	3.3	3
38	The activation-induced deaminase functions in a postcleavage step of the somatic hypermutation process. <i>Journal of Experimental Medicine</i> , 2002 , 195, 1193-8	16.6	94
37	Immunology. One AID to unite them all. <i>Science</i> , 2002 , 295, 1244-5	33.3	21
36	Evidence of a critical architectural function for the RAG proteins in end processing, protection, and joining in V(D)J recombination. <i>Genes and Development</i> , 2002 , 16, 1934-49	12.6	66
35	Somatic hypermutation of immunoglobulin genes: merging mechanisms for genetic diversity. <i>Cell</i> , 2002 , 109 Suppl, S35-44	56.2	157
34	Factors and forces controlling V(D)J recombination. <i>Advances in Immunology</i> , 2001 , 78, 169-232	5.6	137
33	Identification of basic residues in RAG2 critical for DNA binding by the RAG1-RAG2 complex. <i>Molecular Cell</i> , 2001 , 8, 899-910	17.6	45
32	Cell-cycle-regulated DNA double-stranded breaks in somatic hypermutation of immunoglobulin genes. <i>Nature</i> , 2000 , 408, 216-21	50.4	222
31	Genetic modulation of T cell receptor gene segment usage during somatic recombination. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1191-6	16.6	46
30	Intermolecular V(D)J recombination. <i>Journal of Biological Chemistry</i> , 2000 , 275, 8341-8	5.4	16
29	Identification of two catalytic residues in RAG1 that define a single active site within the RAG1/RAG2 protein complex. <i>Molecular Cell</i> , 2000 , 5, 97-107	17.6	140
28	The RAG proteins and V(D)J recombination: complexes, ends, and transposition. <i>Annual Review of Immunology</i> , 2000 , 18, 495-527	34.7	498

27	cDNA representational difference analysis: a sensitive and flexible method for identification of differentially expressed genes. <i>Methods in Enzymology</i> , 1999 , 303, 325-49	1.7	85
26	Transposition mediated by RAG1 and RAG2 and the evolution of the adaptive immune system. <i>Immunologic Research</i> , 1999 , 19, 169-82	4.3	13
25	Developmental neurobiology: Alternative ends for a familiar story?. <i>Current Biology</i> , 1999 , 9, R251-3	6.3	25
24	Rearranging views on neurogenesis: neuronal death in the absence of DNA end-joining proteins. <i>Neuron</i> , 1999 , 22, 7-10	13.9	70
23	Detection of RAG protein-V(D)J recombination signal interactions near the site of DNA cleavage by UV cross-linking. <i>Molecular and Cellular Biology</i> , 1999 , 19, 3788-97	4.8	69
22	DNA hairpin opening mediated by the RAG1 and RAG2 proteins. <i>Molecular and Cellular Biology</i> , 1999 , 19, 4159-66	4.8	100
21	Transposition mediated by RAG1 and RAG2 and its implications for the evolution of the immune system. <i>Nature</i> , 1998 , 394, 744-51	50.4	633
20	Identification of V(D)J recombination coding end intermediates in normal thymocytes. <i>Journal of Molecular Biology</i> , 1997 , 267, 1-9	6.5	36
19	V(D)J recombination moves in vitro. <i>Seminars in Immunology</i> , 1997 , 9, 149-59	10.7	39
18	Coding joint formation in a cell-free V(D)J recombination system. <i>Immunity</i> , 1997 , 7, 303-14	32.3	55
17	RAG1 and RAG2 form a stable postcleavage synaptic complex with DNA containing signal ends in V(D)J recombination. <i>Cell</i> , 1997 , 89, 43-53	56.2	257
16	Crystal structure of the RAG1 dimerization domain reveals multiple zinc-binding motifs including a novel zinc binuclear cluster. <i>Nature Structural Biology</i> , 1997 , 4, 586-91		121
15	Alpha beta lineage-committed thymocytes can be rescued by the gamma delta T cell receptor (TCR) in the absence of TCR beta chain. <i>European Journal of Immunology</i> , 1997 , 27, 2948-58	6.1	47
14	A zinc-binding domain involved in the dimerization of RAG1. <i>Journal of Molecular Biology</i> , 1996 , 260, 70-84	6.5	95
13	RAG1 mediates signal sequence recognition and recruitment of RAG2 in V(D)J recombination. <i>Cell</i> , 1996 , 87, 253-62	56.2	178
12	Initiation of V(D)J recombination in vitro obeying the 12/23 rule. <i>Nature</i> , 1996 , 380, 85-8	50.4	206
11	rag-1 and rag-2: biochemistry and protein interactions. <i>Current Topics in Microbiology and Immunology</i> , 1996 , 217, 11-29	3.3	3
10	In-frame TCR delta gene rearrangements play a critical role in the alpha beta/gamma delta T cell lineage decision. <i>Immunity</i> , 1995 , 2, 617-27	32.3	107

9	Down-regulation of RAG1 and RAG2 gene expression in preB cells after functional immunoglobulin heavy chain rearrangement. <i>Immunity</i> , 1995 , 3, 601-8	32.3	307
8	Recombination activating gene-1 (RAG-1) transcription in the mammalian CNS 1993 , 283-295		2
7	The recombination activating gene-1 (RAG-1) transcript is present in the murine central nervous system. <i>Cell</i> , 1991 , 64, 189-200	56.2	253
6	Selective expression of RAG-2 in chicken B cells undergoing immunoglobulin gene conversion. <i>Cell</i> , 1991 , 64, 201-8	56.2	124
5	The V(D)J recombination activating gene, RAG-1. <i>Cell</i> , 1989 , 59, 1035-48	56.2	989
4	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
3	Direct observation of RAG recombinase recruitment to chromatin and the IgH locus in live pro-B cells		2
2	TET enzymes augment AID expression via 5hmC modifications at the Aicda superenhancer		1
1	Sequence-Dependent Dynamics of Synthetic and Endogenous RSSs in V(D)J Recombination		1