

# Dmitriy Chudakov

## List of Publications by Citations

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140  
papers

12,564  
citations

58  
h-index

111  
g-index

159  
ext. papers

15,920  
ext. citations

11.9  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
140	Fluorescent proteins and their applications in imaging living cells and tissues. <i>Physiological Reviews</i> , <b>2010</b> , 90, 1103-63	47.9	956
139	MiXCR: software for comprehensive adaptive immunity profiling. <i>Nature Methods</i> , <b>2015</b> , 12, 380-1	21.6	696
138	Bright far-red fluorescent protein for whole-body imaging. <i>Nature Methods</i> , <b>2007</b> , 4, 741-6	21.6	508
137	Bright monomeric red fluorescent protein with an extended fluorescence lifetime. <i>Nature Methods</i> , <b>2007</b> , 4, 555-7	21.6	486
136	A genetically encoded photosensitizer. <i>Nature Biotechnology</i> , <b>2006</b> , 24, 95-9	44.5	439
135	Innovation: Photoactivatable fluorescent proteins. <i>Nature Reviews Molecular Cell Biology</i> , <b>2005</b> , 6, 885-91	18.7	411
134	Far-red fluorescent tags for protein imaging in living tissues. <i>Biochemical Journal</i> , <b>2009</b> , 418, 567-74	3.8	401
133	Fluorescent proteins as a toolkit for in vivo imaging. <i>Trends in Biotechnology</i> , <b>2005</b> , 23, 605-13	15.1	384
132	Regulatory T Cells Exhibit Distinct Features in Human Breast Cancer. <i>Immunity</i> , <b>2016</b> , 45, 1122-1134	32.3	329
131	Photoswitchable cyan fluorescent protein for protein tracking. <i>Nature Biotechnology</i> , <b>2004</b> , 22, 1435-9	44.5	309
130	VDJtools: Unifying Post-analysis of T Cell Receptor Repertoires. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004503	5	282
129	Kindling fluorescent proteins for precise in vivo photolabeling. <i>Nature Biotechnology</i> , <b>2003</b> , 21, 191-4	44.5	278
128	Towards error-free profiling of immune repertoires. <i>Nature Methods</i> , <b>2014</b> , 11, 653-5	21.6	267
127	Age-related decrease in TCR repertoire diversity measured with deep and normalized sequence profiling. <i>Journal of Immunology</i> , <b>2014</b> , 192, 2689-98	5.3	249
126	Tracking intracellular protein movements using photoswitchable fluorescent proteins PS-CFP2 and Dendra2. <i>Nature Protocols</i> , <b>2007</b> , 2, 2024-32	18.8	214
125	Conversion of red fluorescent protein into a bright blue probe. <i>Chemistry and Biology</i> , <b>2008</b> , 15, 1116-24		208
124	Stability and function of regulatory T cells expressing the transcription factor T-bet. <i>Nature</i> , <b>2017</b> , 546, 421-425	50.4	189

123	Near-infrared fluorescent proteins. <i>Nature Methods</i> , <b>2010</b> , 7, 827-9	21.6	184
122	VDJdb: a curated database of T-cell receptor sequences with known antigen specificity. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, D419-D427	20.1	183
121	tcR: an R package for T cell receptor repertoire advanced data analysis. <i>BMC Bioinformatics</i> , <b>2015</b> , 16, 175	3.6	156
120	Green fluorescent proteins are light-induced electron donors. <i>Nature Chemical Biology</i> , <b>2009</b> , 5, 459-61	11.7	156
119	Chromophore-assisted light inactivation (CALI) using the phototoxic fluorescent protein KillerRed. <i>Nature Protocols</i> , <b>2006</b> , 1, 947-53	18.8	154
118	B cells, plasma cells and antibody repertoires in the tumour microenvironment. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 294-307	36.5	149
117	Kindling fluorescent protein from <i>Anemonia sulcata</i> : dark-state structure at 1.38 Å resolution. <i>Biochemistry</i> , <b>2005</b> , 44, 5774-87	3.2	141
116	A monomeric red fluorescent protein with low cytotoxicity. <i>Nature Communications</i> , <b>2012</b> , 3, 1204	17.4	139
115	MiTCR: software for T-cell receptor sequencing data analysis. <i>Nature Methods</i> , <b>2013</b> , 10, 813-4	21.6	138
114	Clonal selection in the human V $\alpha$ T cell repertoire indicates TCR-dependent adaptive immune surveillance. <i>Nature Communications</i> , <b>2017</b> , 8, 14760	17.4	137
113	High-throughput identification of antigen-specific TCRs by TCR gene capture. <i>Nature Medicine</i> , <b>2013</b> , 19, 1534-41	50.5	127
112	Antigen receptor repertoire profiling from RNA-seq data. <i>Nature Biotechnology</i> , <b>2017</b> , 35, 908-911	44.5	125
111	Chromophore environment provides clue to "kindling fluorescent protein" riddle. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 7215-9	5.4	122
110	Next generation sequencing for TCR repertoire profiling: platform-specific features and correction algorithms. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 3073-83	6.1	121
109	Targeting cancer cells by using an antireceptor antibody-photosensitizer fusion protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 9221-5	11.5	118
108	High-quality full-length immunoglobulin profiling with unique molecular barcoding. <i>Nature Protocols</i> , <b>2016</b> , 11, 1599-616	18.8	109
107	VDJdb in 2019: database extension, new analysis infrastructure and a T-cell receptor motif compendium. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, D1057-D1062	20.1	107
106	The human V $\alpha$ T-cell compartment comprises distinct innate-like V $\alpha$ and adaptive V $\alpha$ subsets. <i>Nature Communications</i> , <b>2018</b> , 9, 1760	17.4	106

105	Preparing unbiased T-cell receptor and antibody cDNA libraries for the deep next generation sequencing profiling. <i>Frontiers in Immunology</i> , <b>2013</b> , 4, 456	8.4	104
104	Structural basis for phototoxicity of the genetically encoded photosensitizer KillerRed. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 32028-39	5.4	102
103	A mechanism for expansion of regulatory T-cell repertoire and its role in self-tolerance. <i>Nature</i> , <b>2015</b> , 528, 132-136	50.4	96
102	Pairing of T-cell receptor chains via emulsion PCR. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 2507-15	6.1	95
101	Using photoactivatable fluorescent protein Dendra2 to track protein movement. <i>BioTechniques</i> , <b>2007</b> , 42, 553, 555, 557 passim	2.5	94
100	Dynamics of Individual T Cell Repertoires: From Cord Blood to Centenarians. <i>Journal of Immunology</i> , <b>2016</b> , 196, 5005-13	5.3	94
99	Common pathway for the red chromophore formation in fluorescent proteins and chromoproteins. <i>Chemistry and Biology</i> , <b>2004</b> , 11, 845-54		91
98	Single fluorescent protein-based Ca <sup>2+</sup> sensors with increased dynamic range. <i>BMC Biotechnology</i> , <b>2007</b> , 7, 37	3.5	89
97	HRES-1/Rab4-mediated depletion of Drp1 impairs mitochondrial homeostasis and represents a target for treatment in SLE. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 1888-97	2.4	88
96	Distinctive properties of identical twins RTCR repertoires revealed by high-throughput sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 5980-5	11.5	86
95	A crystallographic study of bright far-red fluorescent protein mKate reveals pH-induced cis-trans isomerization of the chromophore. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 28980-7	5.4	84
94	Structural basis for the fast maturation of Arthropoda green fluorescent protein. <i>EMBO Reports</i> , <b>2006</b> , 7, 1006-12	6.5	84
93	Practical and reliable FRET/FLIM pair of fluorescent proteins. <i>BMC Biotechnology</i> , <b>2009</b> , 9, 24	3.5	78
92	Memory CD4 T cells are generated in the human fetal intestine. <i>Nature Immunology</i> , <b>2019</b> , 20, 301-312	19.1	77
91	Optogenetic in vivo cell manipulation in KillerRed-expressing zebrafish transgenics. <i>BMC Developmental Biology</i> , <b>2010</b> , 10, 110	3.1	75
90	Far-red fluorescent proteins evolved from a blue chromoprotein from <i>Actinia equina</i> . <i>Biochemical Journal</i> , <b>2005</b> , 392, 649-54	3.8	73
89	Human liver infiltrating $\gamma\delta$ T cells are composed of clonally expanded circulating and tissue-resident populations. <i>Journal of Hepatology</i> , <b>2018</b> , 69, 654-665	13.4	71
88	Optogenetic experimentation on astrocytes. <i>Experimental Physiology</i> , <b>2011</b> , 96, 40-50	2.4	64

87	Spectrally-resolved response properties of the three most advanced FRET based fluorescent protein voltage probes. <i>PLoS ONE</i> , <b>2009</b> , 4, e4555	3.7	64
86	In vivo imaging of ligand receptor binding with Gaussia luciferase complementation. <i>Nature Medicine</i> , <b>2011</b> , 18, 172-7	50.5	61
85	Cell culture medium affects GFP photostability: a solution. <i>Nature Methods</i> , <b>2009</b> , 6, 859-60	21.6	61
84	Quantitative profiling of immune repertoires for minor lymphocyte counts using unique molecular identifiers. <i>Journal of Immunology</i> , <b>2015</b> , 194, 6155-63	5.3	58
83	The Changing Landscape of Naive T Cell Receptor Repertoire With Human Aging. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1618	8.4	58
82	Precise tracking of vaccine-responding T cell clones reveals convergent and personalized response in identical twins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 12704-12709	11.5	58
81	Human Mitons associate with mitochondria and induce microtubule-dependent remodeling of mitochondrial networks. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2010</b> , 1803, 564-74	4.9	57
80	Two subsets of stem-like CD8 memory T cell progenitors with distinct fate commitments in humans. <i>Nature Immunology</i> , <b>2020</b> , 21, 1552-1562	19.1	57
79	Persisting fetal clonotypes influence the structure and overlap of adult human T cell receptor repertoires. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005572	5	56
78	Detecting T cell receptors involved in immune responses from single repertoire snapshots. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000314	9.7	53
77	Quantitative tracking of T cell clones after haematopoietic stem cell transplantation. <i>EMBO Molecular Medicine</i> , <b>2011</b> , 3, 201-7	12	53
76	CD4 T Follicular Helper Cells in Human Tonsils and Blood Are Clonally Convergent but Divergent from Non-Tfh CD4 Cells. <i>Cell Reports</i> , <b>2020</b> , 30, 137-152.e5	10.6	46
75	Longitudinal high-throughput TCR repertoire profiling reveals the dynamics of T-cell memory formation after mild COVID-19 infection. <i>ELife</i> , <b>2021</b> , 10,	8.9	44
74	The Interplay between CD27 and CD27 B Cells Ensures the Flexibility, Stability, and Resilience of Human B Cell Memory. <i>Cell Reports</i> , <b>2020</b> , 30, 2963-2977.e6	10.6	43
73	Astroglia are a possible cellular substrate of angiotensin(1-7) effects in the rostral ventrolateral medulla. <i>Cardiovascular Research</i> , <b>2010</b> , 87, 578-84	9.9	39
72	Light-induced blockage of cell division with a chromatin-targeted phototoxic fluorescent protein. <i>Biochemical Journal</i> , <b>2011</b> , 435, 65-71	3.8	37
71	Fluorescent proteins as light-inducible photochemical partners. <i>Photochemical and Photobiological Sciences</i> , <b>2010</b> , 9, 1301-6	4.2	37
70	Mother and child T cell receptor repertoires: deep profiling study. <i>Frontiers in Immunology</i> , <b>2013</b> , 4, 463	8.4	36

69	Benchmarking of T cell receptor repertoire profiling methods reveals large systematic biases. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 236-245	44.5	35
68	Tracking T-cell immune reconstitution after TCR/CD19-depleted hematopoietic cells transplantation in children. <i>Leukemia</i> , <b>2017</b> , 31, 1145-1153	10.7	34
67	Optimized Peptide-MHC Multimer Protocols for Detection and Isolation of Autoimmune T-Cells. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1378	8.4	33
66	Method for identification of condition-associated public antigen receptor sequences. <i>ELife</i> , <b>2018</b> , 7,	8.9	33
65	HRES-1/Rab4 promotes the formation of LC3(+) autophagosomes and the accumulation of mitochondria during autophagy. <i>PLoS ONE</i> , <b>2014</b> , 9, e84392	3.7	33
64	Huge Overlap of Individual TCR Beta Repertoires. <i>Frontiers in Immunology</i> , <b>2013</b> , 4, 466	8.4	32
63	Contribution of functional KIR3DL1 to ankylosing spondylitis. <i>Cellular and Molecular Immunology</i> , <b>2010</b> , 7, 471-6	15.4	30
62	Comparative analysis of murine T-cell receptor repertoires. <i>Immunology</i> , <b>2018</b> , 153, 133-144	7.8	29
61	Circular permutation of red fluorescent proteins. <i>PLoS ONE</i> , <b>2011</b> , 6, e20505	3.7	29
60	Intratumoral immunoglobulin isotypes predict survival in lung adenocarcinoma subtypes <b>2019</b> , 7, 279		28
59	Comparative study reveals better far-red fluorescent protein for whole body imaging. <i>Scientific Reports</i> , <b>2015</b> , 5, 10332	4.9	28
58	Hetero-oligomeric tagging diminishes non-specific aggregation of target proteins fused with Anthozoa fluorescent proteins. <i>Biochemical Journal</i> , <b>2003</b> , 371, 109-14	3.8	27
57	Extracellular calcium depletion transiently elevates oxygen consumption in neurosecretory PC12 cells through activation of mitochondrial Na <sup>+</sup> /Ca <sup>2+</sup> exchange. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2010</b> , 1797, 1627-37	4.6	26
56	PiggyBac transposon tools for recessive screening identify B-cell lymphoma drivers in mice. <i>Nature Communications</i> , <b>2019</b> , 10, 1415	17.4	25
55	Crystallographic study of red fluorescent protein eqFP578 and its far-red variant Katushka reveals opposite pH-induced isomerization of chromophore. <i>Protein Science</i> , <b>2011</b> , 20, 1265-74	6.3	25
54	Primary and secondary anti-viral response captured by the dynamics and phenotype of individual T cell clones. <i>ELife</i> , <b>2020</b> , 9,	8.9	25
53	Fast and precise protein tracking using repeated reversible photoactivation. <i>Traffic</i> , <b>2006</b> , 7, 1304-10	5.7	23
52	MAGERI: Computational pipeline for molecular-barcoded targeted resequencing. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005480	5	23

51	CD8+ T cells with characteristic T cell receptor beta motif are detected in blood and expanded in synovial fluid of ankylosing spondylitis patients. <i>Rheumatology</i> , <b>2018</b> , 57, 1097-1104	3.9	22
50	Single-cell analysis of glandular T cell receptors in Sjögren's syndrome. <i>JCI Insight</i> , <b>2016</b> , 1,	9.9	22
49	CXCR3 Identifies Human Naive CD8 T Cells with Enhanced Effector Differentiation Potential. <i>Journal of Immunology</i> , <b>2019</b> , 203, 3179-3189	5.3	21
48	First autologous hematopoietic SCT for ankylosing spondylitis: a case report and clues to understanding the therapy. <i>Bone Marrow Transplantation</i> , <b>2012</b> , 47, 1479-81	4.4	20
47	VDJviz: a versatile browser for immunogenomics data. <i>BMC Genomics</i> , <b>2016</b> , 17, 453	4.5	19
46	CD49b defines functionally mature Treg cells that survey skin and vascular tissues. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 2796-2814	16.6	19
45	T-cell Receptors Derived from Breast Cancer-Infiltrating T Lymphocytes Mediate Antitumor Reactivity. <i>Cancer Immunology Research</i> , <b>2020</b> , 8, 530-543	12.5	18
44	Structural basis for bathochromic shift of fluorescence in far-red fluorescent proteins eqFP650 and eqFP670. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2012</b> , 68, 1088-97		17
43	Visualizing compound transgenic zebrafish in development: a tale of green fluorescent protein and KillerRed. <i>Zebrafish</i> , <b>2011</b> , 8, 23-9	2	17
42	Substrate recognition of anthrax lethal factor examined by combinatorial and pre-steady-state kinetic approaches. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 17902-13	5.4	17
41	Wnt/ $\beta$ Catenin Signaling Induces Integrin $\alpha$ 11 in T Cells and Promotes a Progressive Neuroinflammatory Disease in Mice. <i>Journal of Immunology</i> , <b>2017</b> , 199, 3031-3041	5.3	16
40	A high-throughput assay for quantitative measurement of PCR errors. <i>Scientific Reports</i> , <b>2017</b> , 7, 2718	4.9	16
39	The structure of Ca <sup>2+</sup> sensor Case16 reveals the mechanism of reaction to low Ca <sup>2+</sup> concentrations. <i>Sensors</i> , <b>2010</b> , 10, 8143-60	3.8	16
38	TCR usage, gene expression and function of two distinct FOXP3(+)Treg subsets within CD4(+)CD25(hi) T cells identified by expression of CD39 and CD45RO. <i>Immunology and Cell Biology</i> , <b>2016</b> , 94, 293-305	5	15
37	Yellow fluorescent protein phiYFPv (Phialidium): structure and structure-based mutagenesis. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2013</b> , 69, 1005-12		15
36	Genetically encoded intracellular sensors based on fluorescent proteins. <i>Biochemistry (Moscow)</i> , <b>2007</b> , 72, 683-97	2.9	14
35	Structure of the red fluorescent protein from a lancelet ( <i>Branchiostoma lanceolatum</i> ): a novel GYG chromophore covalently bound to a nearby tyrosine. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2013</b> , 69, 1850-60		13
34	Individual characterization of stably expanded T cell clones in ankylosing spondylitis patients. <i>Autoimmunity</i> , <b>2009</b> , 42, 525-36	3	13

33	New class of blue animal pigments based on Frizzled and Kringle protein domains. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 43367-70	5.4	13
32	MHC-II alleles shape the CDR3 repertoires of conventional and regulatory naïve CD4 T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 13659-13669 <sup>11.5</sup>	11.5	11
31	Comparative Analysis of B-Cell Receptor Repertoires Induced by Live Yellow Fever Vaccine in Young and Middle-Age Donors. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2309	8.4	11
30	Experimental models of arthritis in which pathogenesis is dependent on TNF expression. <i>Biochemistry (Moscow)</i> , <b>2014</b> , 79, 1349-57	2.9	10
29	Photoswitchable cyan fluorescent protein as a FRET donor. <i>Microscopy Research and Technique</i> , <b>2006</b> , 69, 207-9	2.8	10
28	Use of green fluorescent protein (GFP) and its homologs for in vivo protein motility studies. <i>Biochemistry (Moscow)</i> , <b>2003</b> , 68, 952-7	2.9	9
27	Quantitative profiling reveals minor changes of T cell receptor repertoire in response to subunit inactivated influenza vaccine. <i>Vaccine</i> , <b>2018</b> , 36, 1599-1605	4.1	8
26	Molecular mechanism of a green-shifted, pH-dependent red fluorescent protein mKate variant. <i>PLoS ONE</i> , <b>2011</b> , 6, e23513	3.7	8
25	TCRs with segment TRAV9-2 or a CDR3 histidine are overrepresented among nickel-specific CD4+ T cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 75, 2574-2586	9.3	8
24	Adoptive Immunotherapy Based on Chain-Centric TCRs in Treatment of Infectious Diseases. <i>IScience</i> , <b>2020</b> , 23, 101854	6.1	7
23	Discovery and Properties of GFP-Like Proteins from Nonbioluminescent Anthozoa. <i>Methods of Biochemical Analysis</i> , <b>2005</b> , 121-138		6
22	Longitudinal high-throughput TCR repertoire profiling reveals the dynamics of T cell memory formation after mild COVID-19 infection		6
21	Reliability of immune receptor rearrangements as genetic markers for minimal residual disease monitoring. <i>Bone Marrow Transplantation</i> , <b>2016</b> , 51, 1408-1410	4.4	5
20	High-throughput sequencing of T-cell receptor alpha chain clonal rearrangements at the DNA level in lymphoid malignancies. <i>British Journal of Haematology</i> , <b>2020</b> , 188, 723-731	4.5	5
19	Measuring Intratumoral Heterogeneity of Immune Repertoires. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 512	5.3	4
18	RNA-Seq-Based TCR Profiling Reveals Persistently Increased Intratumoral Clonality in Responders to Anti-PD-1 Therapy. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 385	5.3	4
17	Reply to "Evaluation of immune repertoire inference methods from RNA-seq data". <i>Nature Biotechnology</i> , <b>2018</b> , 36, 1035-1036	44.5	4
16	Single high-dose treatment with glucosaminyl-muramyl dipeptide is ineffective in treating ankylosing spondylitis. <i>Rheumatology International</i> , <b>2011</b> , 31, 1101-3	3.6	3



15	Functionally specialized human CD4 T-cell subsets express physicochemically distinct TCRs. <i>ELife</i> , <b>2020</b> , 9,	8.9	3
14	SARS-CoV-2 escape from cytotoxic T cells during long-term COVID-19		3
13	Application of nonsense-mediated primer exclusion (NOPE) for preparation of unique molecular barcoded libraries. <i>BMC Genomics</i> , <b>2017</b> , 18, 440	4.5	2
12	Substrate specificity of the anthrax lethal factor. <i>Doklady Biochemistry and Biophysics</i> , <b>2008</b> , 418, 14-7	0.8	2
11	Deep cfDNA fragment end profiling enables cancer detection.. <i>Molecular Cancer</i> , <b>2022</b> , 21, 26	42.1	2
10	Natural Flt3Lg-Based Chimeric Antigen Receptor (Flt3-CAR) T Cells Successfully Target Flt3 on AML Cell Lines. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	2
9	Comprehensive analysis of antiviral adaptive immunity formation and reactivation down to single-cell level		2
8	Author response: Longitudinal high-throughput TCR repertoire profiling reveals the dynamics of T-cell memory formation after mild COVID-19 infection <b>2020</b> ,		2
7	Bimolecular fluorescence complementation based on the red fluorescent protein FusionRed. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2016</b> , 42, 619-623	1	2
6	T-cell tracking, safety, and effect of low-dose donor memory T-cell infusions after $\mathbb{T}$ cell-depleted hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , <b>2021</b> , 56, 900-908	4.4	2
5	Precise tracking of vaccine-responding T-cell clones reveals convergent and personalized response in identical twins		1
4	Detecting T-cell receptors involved in immune responses from single repertoire snapshots		1
3	Distinct organization of adaptive immunity in the long-lived rodent <i>Spalax galili</i> . <i>Nature Aging</i> , <b>2021</b> , 1, 179-189		1
2	Naïve Regulatory T Cell Subset Is Altered in X-Linked Agammaglobulinemia. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 697307	8.4	1
1	Correlated dynamics of serum IGE and IGE+ clonotype count with allergen air level in seasonal allergic rhinitis. <i>Bulletin of Russian State Medical University</i> , <b>2019</b> , 13-22	0.4	