Dmitriy A Bolotin

List of Publications by Year
in descending order

27	5,197	331259	500791
papers	citations	21 h-index	28 g-index

28	28	28	8206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MiXCR: software for comprehensive adaptive immunity profiling. Nature Methods, 2015, 12, 380-381.	9.0	1,323
2	VDJtools: Unifying Post-analysis of T Cell Receptor Repertoires. PLoS Computational Biology, 2015, 11, e1004503.	1.5	528
3	Local fitness landscape of the green fluorescent protein. Nature, 2016, 533, 397-401.	13.7	438
4	Towards error-free profiling of immune repertoires. Nature Methods, 2014, 11, 653-655.	9.0	411
5	Age-Related Decrease in TCR Repertoire Diversity Measured with Deep and Normalized Sequence Profiling. Journal of Immunology, 2014, 192, 2689-2698.	0.4	396
6	Antigen receptor repertoire profiling from RNA-seq data. Nature Biotechnology, 2017, 35, 908-911.	9.4	243
7	tcR: an R package for T cell receptor repertoire advanced data analysis. BMC Bioinformatics, 2015, 16, 175.	1.2	240
8	High-quality full-length immunoglobulin profiling with unique molecular barcoding. Nature Protocols, 2016, 11, 1599-1616.	5.5	179
9	MiTCR: software for T-cell receptor sequencing data analysis. Nature Methods, 2013, 10, 813-814.	9.0	176
10	High-throughput identification of antigen-specific TCRs by TCR gene capture. Nature Medicine, 2013, 19, 1534-1541.	15.2	166
11	Dynamics of Individual T Cell Repertoires: From Cord Blood to Centenarians. Journal of Immunology, 2016, 196, 5005-5013.	0.4	160
12	Preparing Unbiased T-Cell Receptor and Antibody cDNA Libraries for the Deep Next Generation Sequencing Profiling. Frontiers in Immunology, 2013, 4, 456.	2.2	157
13	Next generation sequencing for <scp>TCR</scp> repertoire profiling: Platformâ€specific features and correction algorithms. European Journal of Immunology, 2012, 42, 3073-3083.	1.6	150
14	Pairing of <scp>T</scp>â€cell receptor chains via emulsion <scp>PCR</scp>. European Journal of Immunology, 2013, 43, 2507-2515.	1.6	126
15	Distinctive properties of identical twins' TCR repertoires revealed by high-throughput sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5980-5985.	3.3	106
16	Quantitative Profiling of Immune Repertoires for Minor Lymphocyte Counts Using Unique Molecular Identifiers. Journal of Immunology, 2015, 194, 6155-6163.	0.4	90
17	Comparative analysis of murine Tâ€cell receptor repertoires. Immunology, 2018, 153, 133-144.	2.0	72
18	Quantitative tracking of T cell clones after haematopoietic stem cell transplantation. EMBO Molecular Medicine, 2011, 3, 201-207.	3.3	63

#	Article	IF	Citations
19	Huge Overlap of Individual TCR Beta Repertoires. Frontiers in Immunology, 2013, 4, 466.	2.2	56
20	Mother and Childâ€‰T Cell Receptor Repertoires: Deep Profiling Study. Frontiers in Immunology, 2013, 4, 463.	2.2	41
21	First autologous hematopoietic SCT for ankylosing spondylitis: a case report and clues to understanding the therapy. Bone Marrow Transplantation, 2012, 47, 1479-1481.	1.3	24
22	Can We See PIP3 and Hydrogen Peroxide with a Single Probe?. Antioxidants and Redox Signaling, 2012, 17, 505-512.	2.5	20
23	Redberry: a computer algebra system designed for tensor manipulation. Journal of Physics: Conference Series, 2015, 608, 012060.	0.3	10
24	Reply to "Evaluation of immune repertoire inference methods from RNA-seq data". Nature Biotechnology, 2018, 36, 1035-1036.	9.4	7
25	Rhodobase, a meta-analytical tool for reconstructing gene regulatory networks in a model photosynthetic bacterium. BioSystems, 2011, 103, 125-131.	0.9	5
26	Distinct organization of adaptive immunity in the long-lived rodent Spalax galili. Nature Aging, 2021, 1, 179-189.	5.3	5
27	Application of nonsense-mediated primer exclusion (NOPE) for preparation of unique molecular barcoded libraries. BMC Genomics, 2017, 18, 440.	1.2	2