Andrey A Gorchakov

List of Publications by Year
in descending order

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46 papers	4,019 citations	361296 20 h-index	265120 42 g-index
52 all docs	52 docs citations	52 times ranked	5363 citing authors

#	Article	IF	Citations
1	Memory B Cells Induced by Sputnik V Vaccination Produce SARS-CoV-2 Neutralizing Antibodies Upon Ex Vivo Restimulation. Frontiers in Immunology, 2022, 13, 840707.	2.2	11
2	VH3-53/66-Class RBD-Specific Human Monoclonal Antibody iB20 Displays Cross-Neutralizing Activity against Emerging SARS-CoV-2 Lineages. Journal of Personalized Medicine, 2022, 12, 895.	1.1	2
3	Functional Profiling of In Vitro Reactivated Memory B Cells Following Natural SARS-CoV-2 Infection and Gam-COVID-Vac Vaccination. Cells, 2022, 11, 1991.	1.8	5
4	Isolation of a panel of ultra-potent human antibodies neutralizing SARS-CoV-2 and viral variants of concern. Cell Discovery, 2021, 7, 96.	3.1	21
5	Horses for Courses in the Era of CARs: Advancing CAR T and CAR NK Cell Therapies. Journal of Personalized Medicine, 2021, 11, 1182.	1.1	2
6	Challenges and Prospects of Chimeric Antigen Receptor T-cell Therapy for Metastatic Prostate Cancer. European Urology, 2020, 77, 299-308.	0.9	38
7	VAV1â€overexpressing YT cells display improved cytotoxicity against malignant cells. Biotechnology and Applied Biochemistry, 2020, 68, 849-855.	1.4	2
8	<i>shp-2</i> gene knockout upregulates CAR-driven cytotoxicity of YT NK cells. Vavilovskii Zhurnal Genetiki I Selektsii, 2020, 24, 80-86.	0.4	10
9	A simple way to increase recovery of the expressed VH and VL genes in single-sorted human B cells. BioTechniques, 2019, 67, 184-187.	0.8	2
10	Design and analysis of stably integrated reporters for inducible transgene expression in human T cells and CAR NK-cell lines. BMC Medical Genomics, 2019, 12, 44.	0.7	17
11	Prostate cancer surface targets for CAR T cell therapy or metastatic prostate cancer in the CAR T cell era: My kingdom for the target!. Cellular Therapy and Transplantation, 2019, 8, 19-28.	0.2	0
12	CAR-modified natural killer cell line expressing CD47/SIRPa blockers as a combined approach for solid cancer therapy. Annals of Oncology, 2018, 29, x12.	0.6	0
13	Sex-specific phenotypes of histone H4 point mutants establish dosage compensation as the critical function of H4K16 acetylation in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13336-13341.	3.3	26
14	Analysis of in vitro activity of PSCA-specific CARs in the context of human NK cell line YT. Cellular Therapy and Transplantation, 2018, 7, 70-77.	0.2	3
15	VEGFR2-specific FnCAR effectively redirects the cytotoxic activity of T cells and YT NK cells. Oncotarget, 2018, 9, 9021-9029.	0.8	20
16	CAR T-cell therapy: Balance of efficacy and safety. Molecular Biology, 2017, 51, 237-250.	0.4	4
17	Modular lentiviral vector system for chimeric antigen receptor design optimization. Russian Journal of Bioorganic Chemistry, 2017, 43, 107-114.	0.3	4
18	NK-cell based delivery of anticancer therapeutics. Annals of Oncology, 2017, 28, xi20.	0.6	0

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19	Engineering Chimeric Antigen Receptors. Acta Naturae, 2017, 9, 6-14.	1.7	16
20	Comparative analysis ofÂlactaptin activity whenÂproduced in bacterial orÂeukaryotic expression systems. Vavilovskii Zhurnal Genetiki I Selektsii, 2017, 21, 764-769.	0.4	0
21	Reciprocal interactions of human C10orf12 and C17orf96 with PRC2 revealed by BioTAP-XL cross-linking and affinity purification. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2488-2493.	3.3	88
22	Heterochromatin-associated interactions of Drosophila HP1a with dADD1, HIPP1, and repetitive RNAs. Genes and Development, 2014, 28, 1445-1460.	2.7	82
23	Conservation and de novo acquisition of dosage compensation on newly evolved sex chromosomes in Drosophila. Genes and Development, 2013, 27, 853-858.	2.7	59
24	Chromatin proteins captured by ChIPâ€“mass spectrometry are linked to dosage compensation in Drosophila. Nature Structural and Molecular Biology, 2013, 20, 202-209.	3.6	100
25	The Epigenome of Evolving Drosophila Neo-Sex Chromosomes: Dosage Compensation and Heterochromatin Formation. PLoS Biology, 2013, 11, e1001711.	2.6	82
26	Sequence-Specific Targeting of Dosage Compensation in Drosophila Favors an Active Chromatin Context. PLoS Genetics, 2012, 8, e1002646.	1.5	48
27	Nature and function of insulator protein binding sites in the Drosophila genome. Genome Research, 2012, 22, 2188-2198.	2.4	168
28	An assessment of histone-modification antibody quality. Nature Structural and Molecular Biology, 2011, 18, 91-93.	3.6	369
29	Comprehensive analysis of the chromatin landscape in Drosophila melanogaster. Nature, 2011, 471, 480-485.	13.7	781
30	Plasticity in patterns of histone modifications and chromosomal proteins in Drosophila heterochromatin. Genome Research, 2011, 21, 147-163.	2.4	230
31	Dosage compensation in drosophila: Sequence-specific initiation and sequence-independent spreading of MSL complex to the active genes on the male X chromosome. Russian Journal of Genetics, 2010, 46, 1263-1266.	0.2	0
32	Identification of Functional Elements and Regulatory Circuits by Drosophila modENCODE. Science, 2010, 330, 1787-1797.	6.0	1,124
33	Long-range spreading of dosage compensation in Drosophila captures transcribed autosomal genes inserted on X. Genes and Development, 2009, 23, 2266-2271.	2.7	38
34	Interbands behave as decompacted autonomous units in Drosophila melanogaster polytene chromosomes. Genetica, 2008, 132, 267-279.	0.5	11
35	A Sequence Motif within Chromatin Entry Sites Directs MSL Establishment on the Drosophila X Chromosome. Cell, 2008, 134, 599-609.	13.5	256
36	Interaction between theDrosophilaheterochromatin proteins SUUR and HP1. Journal of Cell Science, 2008, 121, 1693-1703.	1.2	26

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37	MSL Complex Is Attracted to Genes Marked by H3K36 Trimethylation Using a Sequence-Independent Mechanism. Molecular Cell, 2007, 28, 121-133.	4.5	195
38	Chriz, a chromodomain protein specific for the interbands of Drosophila melanogaster polytene chromosomes. Chromosoma, 2005, 114, 54-66.	1.0	52
39	Identification of the Drosophila interband-specific protein Z4 as a DNA-binding zinc-finger protein determining chromosomal structure. Journal of Cell Science, 2004, 117, 4253-4264.	1.2	57
40	A New Construct for Cloning DNA and Modeling the Structure of Drosophila melanogaster Polytene Chromosomes. Molecular Biology, 2004, 38, 205-209.	0.4	4
41	Construction of pMH, a Convenient Escherichia coli Protein Expression Vector. Molecular Biology, 2004, 38, 600-602.	0.4	1
42	Molecular and genetic organization of Drosophila melanogasterpolytene chromosomes: evidence for two types of interband regions. Genetica, 2004, 122, 311-324.	0.5	13
43	Construction of pFRT, a Convenient Drosophila Transformation Vector with Functional FRT Sites. Molecular Biology, 2003, 37, 695-698.	0.4	1
44	Title is missing!. Russian Journal of Genetics, 2001, 37, 1247-1256.	0.2	2
45	Comparative Analysis of SARS-CoV-2-Specific B Cell and Humoral Responses Elicited by Sputnik V in NaÃ¯ve and COVID-19-Recovered Vaccine Recipients. SSRN Electronic Journal, 0, , .	0.4	0
46	COVID-19. Etiology, pathogenesis, diagnosis and treatment. Journal of Clinical Practice, 0, , .	0.2	32