

# Andrey A Gorchakov

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Identification of Functional Elements and Regulatory Circuits by <i>Drosophila</i> modENCODE. Science, 2010, 330, 1787-1797.	6.0	1,124
2	Comprehensive analysis of the chromatin landscape in <i>Drosophila melanogaster</i> . Nature, 2011, 471, 480-485.	13.7	781
3	An assessment of histone-modification antibody quality. Nature Structural and Molecular Biology, 2011, 18, 91-93.	3.6	369
4	A Sequence Motif within Chromatin Entry Sites Directs MSL Establishment on the <i>Drosophila</i> X Chromosome. Cell, 2008, 134, 599-609.	13.5	256
5	Plasticity in patterns of histone modifications and chromosomal proteins in <i>Drosophila</i> heterochromatin. Genome Research, 2011, 21, 147-163.	2.4	230
6	MSL Complex Is Attracted to Genes Marked by H3K36 Trimethylation Using a Sequence-Independent Mechanism. Molecular Cell, 2007, 28, 121-133.	4.5	195
7	Nature and function of insulator protein binding sites in the <i>Drosophila</i> genome. Genome Research, 2012, 22, 2188-2198.	2.4	168
8	Chromatin proteins captured by ChIP-mass spectrometry are linked to dosage compensation in <i>Drosophila</i> . Nature Structural and Molecular Biology, 2013, 20, 202-209.	3.6	100
9	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
10	The Epigenome of Evolving <i>Drosophila</i> Neo-Sex Chromosomes: Dosage Compensation and Heterochromatin Formation. PLoS Biology, 2013, 11, e1001711.	2.6	82
11	Heterochromatin-associated interactions of <i>Drosophila</i> HP1a with dADD1, HIP1, and repetitive RNAs. Genes and Development, 2014, 28, 1445-1460.	2.7	82
12	Conservation and de novo acquisition of dosage compensation on newly evolved sex chromosomes in <i>Drosophila</i> . Genes and Development, 2013, 27, 853-858.	2.7	59
13	Identification of the <i>Drosophila</i> 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
14	Chriz, a chromodomain protein specific for the interbands of <i>Drosophila melanogaster</i> polytene chromosomes. Chromosoma, 2005, 114, 54-66.	1.0	52
15	Sequence-Specific Targeting of Dosage Compensation in <i>Drosophila</i> Favors an Active Chromatin Context. PLoS Genetics, 2012, 8, e1002646.	1.5	48
16	Long-range spreading of dosage compensation in <i>Drosophila</i> captures transcribed autosomal genes inserted on X. Genes and Development, 2009, 23, 2266-2271.	2.7	38
17	Challenges and Prospects of Chimeric Antigen Receptor T-cell Therapy for Metastatic Prostate Cancer. European Urology, 2020, 77, 299-308.	0.9	38
18	COVID-19. Etiology, pathogenesis, diagnosis and treatment. Journal of Clinical Practice, 0, , .	0.2	32

#	ARTICLE	IF	CITATIONS
19	Interaction between the <i>Drosophila</i> heterochromatin proteins SUUR and HP1. <i>Journal of Cell Science</i> , 2008, 121, 1693-1703.	1.2	26
20	Sex-specific phenotypes of histone H4 point mutants establish dosage compensation as the critical function of H4K16 acetylation in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13336-13341.	3.3	26
21	Isolation of a panel of ultra-potent human antibodies neutralizing SARS-CoV-2 and viral variants of concern. <i>Cell Discovery</i> , 2021, 7, 96.	3.1	21
22	VEGFR2-specific FnCAR effectively redirects the cytotoxic activity of T cells and YT NK cells. <i>Oncotarget</i> , 2018, 9, 9021-9029.	0.8	20
23	Design and analysis of stably integrated reporters for inducible transgene expression in human T cells and CAR NK-cell lines. <i>BMC Medical Genomics</i> , 2019, 12, 44.	0.7	17
24	Engineering Chimeric Antigen Receptors. <i>Acta Naturae</i> , 2017, 9, 6-14.	1.7	16
25	Molecular and genetic organization of <i>Drosophila melanogaster</i> polytene chromosomes: evidence for two types of interband regions. <i>Genetica</i> , 2004, 122, 311-324.	0.5	13
26	Interbands behave as decompacted autonomous units in <i>Drosophila melanogaster</i> polytene chromosomes. <i>Genetica</i> , 2008, 132, 267-279.	0.5	11
27	Memory B Cells Induced by Sputnik V Vaccination Produce SARS-CoV-2 Neutralizing Antibodies Upon Ex Vivo Restimulation. <i>Frontiers in Immunology</i> , 2022, 13, 840707.	2.2	11
28	&lt;i>shp-2&lt;/i> gene knockout upregulates CAR-driven cytotoxicity of YT NK cells. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2020, 24, 80-86.	0.4	10
29	Functional Profiling of In Vitro Reactivated Memory B Cells Following Natural SARS-CoV-2 Infection and Gam-COVID-Vac Vaccination. <i>Cells</i> , 2022, 11, 1991.	1.8	5
30	A New Construct for Cloning DNA and Modeling the Structure of <i>Drosophila melanogaster</i> Polytene Chromosomes. <i>Molecular Biology</i> , 2004, 38, 205-209.	0.4	4
31	CAR T-cell therapy: Balance of efficacy and safety. <i>Molecular Biology</i> , 2017, 51, 237-250.	0.4	4
32	Modular lentiviral vector system for chimeric antigen receptor design optimization. <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 107-114.	0.3	4
33	Analysis of in vitro activity of PSCA-specific CARs in the context of human NK cell line YT. <i>Cellular Therapy and Transplantation</i> , 2018, 7, 70-77.	0.2	3
34	Title is missing!. <i>Russian Journal of Genetics</i> , 2001, 37, 1247-1256.	0.2	2
35	A simple way to increase recovery of the expressed VH and VL genes in single-sorted human B cells. <i>BioTechniques</i> , 2019, 67, 184-187.	0.8	2
36	VAV1 overexpressing YT cells display improved cytotoxicity against malignant cells. <i>Biotechnology and Applied Biochemistry</i> , 2020, 68, 849-855.	1.4	2

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37	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
38	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
39	Construction of pFRT, a Convenient Drosophila Transformation Vector with Functional FRT Sites. Molecular Biology, 2003, 37, 695-698.	0.4	1
40	Construction of pMH, a Convenient Escherichia coli Protein Expression Vector. Molecular Biology, 2004, 38, 600-602.	0.4	1
41	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
42	NK-cell based delivery of anticancer therapeutics. Annals of Oncology, 2017, 28, xi20.	0.6	0
43	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
44	Comparative Analysis of SARS-CoV-2-Specific B Cell and Humoral Responses Elicited by Sputnik V in Na <sup>+</sup> ve and COVID-19-Recovered Vaccine Recipients. SSRN Electronic Journal, 0, , .	0.4	0
45	Comparative analysis of lactaptin activity when produced in bacterial or eukaryotic expression systems. Vavilovskii Zhurnal Genetiki I Seleksii, 2017, 21, 764-769.	0.4	0
46	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