

# Yegor S Vassetzky

## List of Publications by Year in descending order

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147  
papers

3,507  
citations

109321

35  
h-index

182427

51  
g-index

154  
all docs

154  
docs citations

154  
times ranked

4267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitotic Remodeling of the Replicon and Chromosome Structure. <i>Cell</i> , 2005, 123, 787-801.	28.9	175
2	Nucleolus: A Central Hub for Nuclear Functions. <i>Trends in Cell Biology</i> , 2019, 29, 647-659.	7.9	119
3	Myoblasts from affected and non-affected FSHD muscles exhibit morphological differentiation defects. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 275-289.	3.6	112
4	Functional muscle impairment in facioscapulohumeral muscular dystrophy is correlated with oxidative stress and mitochondrial dysfunction. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1068-1079.	2.9	106
5	Increased levels of adenine nucleotide translocator 1 protein and response to oxidative stress are early events in facioscapulohumeral muscular dystrophy muscle. <i>Journal of Molecular Medicine</i> , 2005, 83, 216-224.	3.9	98
6	mTORC1 pathway in DNA damage response. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1293-1311.	4.1	97
7	The Epigenetic Landscape of Mammary Gland Development and Functional Differentiation. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2010, 15, 85-100.	2.7	88
8	Chromatin loop domain organization within the 4q35 locus in facioscapulohumeral dystrophy patients versus normal human myoblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6982-6987.	7.1	82
9	Simultaneous miRNA and mRNA transcriptome profiling of human myoblasts reveals a novel set of myogenic differentiation-associated miRNAs and their target genes. <i>BMC Genomics</i> , 2013, 14, 265.	2.8	75
10	DUX4-induced constitutive DNA damage and oxidative stress contribute to aberrant differentiation of myoblasts from FSHD patients. <i>Free Radical Biology and Medicine</i> , 2016, 99, 244-258.	2.9	73
11	DNA topoisomerase II mutations and resistance to anti-tumor drugs. <i>BioEssays</i> , 1995, 17, 767-774.	2.5	70
12	Chromosome Conformation Capture (from 3C to 5C) and Its ChIP-Based Modification. <i>Methods in Molecular Biology</i> , 2009, 567, 171-188.	0.9	70
13	Chromatin Domains and Regulation of Transcription. <i>Journal of Molecular Biology</i> , 2007, 369, 597-607.	4.2	69
14	Characterization of DNA pattern in the site of permanent attachment to the nuclear matrix located in the vicinity of replication origin. <i>Biochemical and Biophysical Research Communications</i> , 1990, 168, 9-15.	2.1	68
15	HIV-1 Tat protein induces DNA damage in human peripheral blood B-lymphocytes via mitochondrial ROS production. <i>Redox Biology</i> , 2018, 15, 97-108.	9.0	62
16	A nuclear matrix attachment site in the 4q35 locus has an enhancer-blocking activity in vivo: Implications for the facio-scapulo-humeral dystrophy. <i>Genome Research</i> , 2008, 18, 39-45.	5.5	61
17	Defective Regulation of MicroRNA Target Genes in Myoblasts from Facioscapulohumeral Dystrophy Patients. <i>Journal of Biological Chemistry</i> , 2013, 288, 34989-35002.	3.4	61
18	High Resolution Genome-Wide Analysis of Chromosomal Alterations in Burkitt's Lymphoma. <i>PLoS ONE</i> , 2009, 4, e7089.	2.5	60

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19	Chromatin remodelling and DNA replication: from nucleosomes to loop domains. <i>Oncogene</i> , 2001, 20, 3086-3093.	5.9	57
20	Transcription factories in the context of the nuclear and genome organization. <i>Nucleic Acids Research</i> , 2011, 39, 9085-9092.	14.5	53
21	Rearrangement of chromatin domains during development in <i>Xenopus</i> . <i>Genes and Development</i> , 2000, 14, 1541-1552.	5.9	53
22	Topoisomerase II forms multimers in vitro: effects of metals, beta-glycerophosphate, and phosphorylation of its C-terminal domain.. <i>Molecular and Cellular Biology</i> , 1994, 14, 6962-6974.	2.3	51
23	Antagonistic functional duality of cancer genes. <i>Gene</i> , 2013, 529, 199-207.	2.2	51
24	Nuclear matrix attachment regions and topoisomerase II binding and reaction sites in the vicinity of a chicken DNA replication origin. <i>Biochemical and Biophysical Research Communications</i> , 1991, 177, 265-270.	2.1	50
25	Order and stochasticity in the folding of individual <i>Drosophila</i> genomes. <i>Nature Communications</i> , 2021, 12, 41.	12.8	49
26	A requiem to the nuclear matrix: from a controversial concept to 3D organization of the nucleus. <i>Chromosoma</i> , 2014, 123, 217-224.	2.2	47
27	Nuclear skeleton, DNA domains and control of replication and transcription. <i>FEBS Journal</i> , 1991, 200, 613-624.	0.2	45
28	MiR-34a is up-regulated in response to low dose, low energy X-ray induced DNA damage in breast cells. <i>Radiation Oncology</i> , 2013, 8, 231.	2.7	45
29	A Functional Role for 4qA/B in the Structural Rearrangement of the 4q35 Region and in the Regulation of FRG1 and ANT1 in Facioscapulohumeral Dystrophy. <i>PLoS ONE</i> , 2008, 3, e3389.	2.5	44
30	HIV Tat induces a prolonged MYC relocalization next to IGH in circulating B-cells. <i>Leukemia</i> , 2017, 31, 2515-2522.	7.2	44
31	Oncogenic Properties of the EBV ZEBRA Protein. <i>Cancers</i> , 2020, 12, 1479.	3.7	43
32	Dynamics of double strand breaks and chromosomal translocations. <i>Molecular Cancer</i> , 2014, 13, 249.	19.2	42
33	Temozolomide promotes genomic and phenotypic changes in glioblastoma cells. <i>Cancer Cell International</i> , 2016, 16, 36.	4.1	40
34	Eukaryotic enhancers: common features, regulation, and participation in diseases. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 2361-2375.	5.4	39
35	A Comparison of Techniques to Evaluate the Effectiveness of Genome Editing. <i>Trends in Biotechnology</i> , 2018, 36, 147-159.	9.3	38
36	DNA replication initiates at domains overlapping with nuclear matrix attachment regions in the xenopus and mouse c-myc promoter. <i>Gene</i> , 2004, 332, 129-138.	2.2	37

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37	Perinucleolar relocalization and nucleolin as crucial events in the transcriptional activation of key genes in mantle cell lymphoma. <i>Blood</i> , 2014, 123, 2044-2053.	1.4	37
38	HIV-1, HAART and cancer: A complex relationship. <i>International Journal of Cancer</i> , 2020, 146, 2666-2679.	5.1	37
39	Expression of SARS-CoV-2 entry factors in lung epithelial stem cells and its potential implications for COVID-19. <i>Scientific Reports</i> , 2020, 10, 17772.	3.3	37
40	Pearls in the junk: Dissecting the molecular pathogenesis of facioscapulohumeral muscular dystrophy. <i>Neuromuscular Disorders</i> , 2009, 19, 17-20.	0.6	30
41	Bradykinin antagonists and thiazolidinone derivatives as new potential anti-cancer compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3815-3823.	3.0	27
42	Step-wise and punctuated genome evolution drive phenotype changes of tumor cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 771, 56-69.	1.0	27
43	Ectopic expression of inactive forms of yeast DNA topoisomerase II confers resistance to the anti-tumour drug, etoposide. <i>British Journal of Cancer</i> , 1996, 73, 1201-1209.	6.4	25
44	Functional roles of HIV-1 Tat protein in the nucleus. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 589-601.	5.4	25
45	Dux4 controls migration of mesenchymal stem cells through the Cxcr4-Sdf1 axis. <i>Oncotarget</i> , 2016, 7, 65090-65108.	1.8	24
46	Facioscapulohumeral dystrophy myoblasts efficiently repair moderate levels of oxidative DNA damage. <i>Histochemistry and Cell Biology</i> , 2016, 145, 475-483.	1.7	24
47	Modulation of mTORC1 Signaling Pathway by HIV-1. <i>Cells</i> , 2020, 9, 1090.	4.1	24
48	A transcription-dependent DNase I hypersensitive site in a far upstream segment of the chicken $\beta$ -globin gene domain coincides with a matrix attachment region. <i>Biochemical and Biophysical Research Communications</i> , 1992, 184, 1226-1234.	2.1	23
49	Control of gene expression in <i>Xenopus</i> early development. <i>Genesis</i> , 1998, 22, 122-131.	2.1	23
50	Mapping long-range chromatin organization within the chicken $\beta$ -globin gene domain using oligonucleotide DNA arrays. <i>Genomics</i> , 2005, 85, 143-151.	2.9	23
51	The distribution of tightly bound proteins along the DNA chain reflects the type of cell differentiation. <i>Nucleic Acids Research</i> , 1988, 16, 3617-3633.	14.5	22
52	The Krüppel-like Factor 15 as a Molecular Link between Myogenic Factors and a Chromosome 4q Transcriptional Enhancer Implicated in Facioscapulohumeral Dystrophy*. <i>Journal of Biological Chemistry</i> , 2011, 286, 44620-44631.	3.4	21
53	Distinct Distribution of Ectopically Expressed Histone Variants H2A.Bbd and MacroH2A in Open and Closed Chromatin Domains. <i>PLoS ONE</i> , 2012, 7, e47157.	2.5	20
54	Specification of Chromatin Domains and Regulation of Replication and Transcription During Development. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2000, 10, 8.	0.9	20

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55	Topologically-associating domains: gene warehouses adapted to serve transcriptional regulation. <i>Transcription</i> , 2016, 7, 84-90.	3.1	19
56	Interaction in vivo between the Two Matrix Attachment Regions Flanking a Single Chromatin Loop. <i>Journal of Molecular Biology</i> , 2009, 386, 929-937.	4.2	18
57	Topoisomerase II Forms Multimers In Vitro: Effects of Metals, $\hat{1}^2$ -Glycerophosphate, and Phosphorylation of Its C-Terminal Domain. <i>Molecular and Cellular Biology</i> , 1994, 14, 6962-6974.	2.3	18
58	SETDB1 fuels the lung cancer phenotype by modulating epigenome, 3D genome organization and chromatin mechanical properties. <i>Nucleic Acids Research</i> , 2022, 50, 4389-4413.	14.5	18
59	Transcriptional enhancer in the vicinity of a replication origin within the 5 $\hat{a}^2$ region of the chicken $\hat{1}$ -globin gene domain. <i>Journal of Molecular Biology</i> , 1991, 217, 595-598.	4.2	17
60	Domain organization of eukaryotic genome. <i>Cell Biology International Reports</i> , 1992, 16, 697-708.	0.6	17
61	Tat basic domain: A $\hat{a}$ Swiss army knife $\hat{a}$ of HIV $\hat{1}$ Tat?. <i>Reviews in Medical Virology</i> , 2019, 29, e2031.	8.3	17
62	The sequence-specific nuclear matrix binding factor F6 is a chicken GATA-like protein. <i>Molecular Genetics and Genomics</i> , 1993, 238, 309-314.	2.4	16
63	HIV $\hat{1}$ Tat protein induces aberrant activation of AICDA in human B $\hat{a}$ lymphocytes from peripheral blood. <i>Journal of Cellular Physiology</i> , 2019, 234, 15678-15685.	4.1	16
64	Chromatin Domains and Territories: Flexibly Rigid. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2004, 14, 79-88.	0.9	16
65	Rearrangement of chromatin domains in cancer and development. <i>Journal of Cellular Biochemistry</i> , 2000, 79, 54-60.	2.6	15
66	Selective matrix attachment regions in T helper cell subsets support loop conformation in the <i>lfn</i> g gene. <i>Genes and Immunity</i> , 2007, 8, 35-43.	4.1	15
67	The microRNA-205-5p is correlated to metastatic potential of 21T series: A breast cancer progression model. <i>PLoS ONE</i> , 2017, 12, e0173756.	2.5	15
68	The role of Alu-derived RNAs in Alzheimer $\hat{a}$ ™s and other neurodegenerative conditions. <i>Medical Hypotheses</i> , 2018, 115, 29-34.	1.5	15
69	DUX4 Pathological Expression: Causes and Consequences in Cancer. <i>Trends in Cancer</i> , 2019, 5, 268-271.	7.4	15
70	The presence of sequence-specific protein binding sites correlate with replication activity and matrix binding in a 1.7 Kb-long DNA fragment of the chicken $\hat{a}$ -globin gene domain. <i>Biochemical and Biophysical Research Communications</i> , 1991, 179, 512-519.	2.1	14
71	DNA polymorphism and epigenetic marks modulate the affinity of a scaffold/matrix attachment region to the nuclear matrix. <i>European Journal of Human Genetics</i> , 2014, 22, 1117-1123.	2.8	14
72	3D genomics imposes evolution of the domain model of eukaryotic genome organization. <i>Chromosoma</i> , 2017, 126, 59-69.	2.2	14

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73	A One-Step PCR-Based Assay to Evaluate the Efficiency and Precision of Genomic DNA-Editing Tools. <i>Molecular Therapy - Methods and Clinical Development</i> , 2017, 5, 43-50.	4.1	14
74	Nuclear matrix and structural and functional compartmentalization of the eucaryotic cell nucleus. <i>Biochemistry (Moscow)</i> , 2014, 79, 608-618.	1.5	13
75	Control of DNA integrity in skeletal muscle under physiological and pathological conditions. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3439-3449.	5.4	13
76	Genetic and Epigenetic Mechanisms of $\hat{\Gamma}^2$ -Globin Gene Switching. <i>Biochemistry (Moscow)</i> , 2018, 83, 381-392.	1.5	13
77	DNA fragments which specifically bind to isolated nuclear matrix in vitro interact with matrix-associated DNA topoisomerase II. <i>Biochemical and Biophysical Research Communications</i> , 1989, 159, 1263-1268.	2.1	12
78	In embryonic chicken erythrocytes actively transcribed alpha globin genes are not associated with the nuclear matrix. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 170-178.	2.6	12
79	Metal ions modify DNA-protecting and mutagen-scavenging capacities of the AV-153 1,4-dihydropyridine. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 845, 403077.	1.7	12
80	Analysis of genes regulated by DUX4 via oxidative stress reveals potential therapeutic targets for treatment of facioscapulohumeral dystrophy. <i>Redox Biology</i> , 2021, 43, 102008.	9.0	12
81	MUC1 Story: Great Expectations, Disappointments and the Renaissance. <i>Current Medicinal Chemistry</i> , 2019, 26, 554-563.	2.4	12
82	Early replication timing of the chicken $\hat{\Gamma}^2$ -globin gene domain correlates with its open chromatin state in cells of different lineages. <i>Genomics</i> , 2009, 93, 481-486.	2.9	11
83	Cancer-related genes in the transcription signature of facioscapulohumeral dystrophy myoblasts and myotubes. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 208-217.	3.6	11
84	Easy and robust electrotransfection protocol for efficient ectopic gene expression and genome editing in human B cells. <i>Gene Therapy</i> , 2023, 30, 167-171.	4.5	11
85	Epigenetic Modifications, Chromatin Distribution and <i>TP53</i> Transcription in a Model of Breast Cancer Progression. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 533-541.	2.6	10
86	Distinct Patterns of Colocalization of the <i>CCND1</i> and <i>CMYC</i> Genes With Their Potential Translocation Partner <i>IGH</i> at Successive Stages of Cell Differentiation. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1506-1510.	2.6	10
87	Evolution of the Genome 3D Organization: Comparison of Fused and Segregated Globin Gene Clusters. <i>Molecular Biology and Evolution</i> , 2017, 34, 1492-1504.	8.9	10
88	Analysis of the chicken DNA fragments that contain structural sites of attachment to the nuclear matrix: DNA-matrix interactions and replication. <i>Journal of Cellular Biochemistry</i> , 2000, 79, 1-14.	2.6	9
89	Histone deacetylase inhibitor abexinostat affects chromatin organization and gene transcription in normal B cells and in mantle cell lymphoma. <i>Gene</i> , 2016, 580, 134-143.	2.2	9
90	Correction of the FSHD myoblast differentiation defect by fusion with healthy myoblasts. <i>Journal of Cellular Physiology</i> , 2016, 231, 62-71.	4.1	9

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91	Dual Role of the Extracellular Domain of Human Mucin MUC1 in Metastasis. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4002-4011.	2.6	8
92	RNA-dependent disassembly of nuclear bodies. <i>Journal of Cell Science</i> , 2016, 129, 4509-4520.	2.0	7
93	Control of DUX4 Expression in Facioscapulohumeral Muscular Dystrophy and Cancer. <i>Trends in Molecular Medicine</i> , 2021, 27, 588-601.	6.7	7
94	The <i>IGH</i> locus relocalizes to a "recombination compartment" in the perinucleolar region of differentiating B-lymphocytes. <i>Oncotarget</i> , 2017, 8, 40079-40089.	1.8	7
95	The upstream area of the chicken $\beta$ -globin gene domain is transcribed in both directions in the same cells. <i>FEBS Letters</i> , 2005, 579, 4746-4750.	2.8	6
96	Recruitment of RNA Polymerase II in the <i>Ifng</i> Gene Promoter Correlates with the Nuclear Matrix Association in Activated T Helper Cells. <i>Journal of Molecular Biology</i> , 2007, 371, 317-322.	4.2	6
97	Analysis of telomeric DNA: Current approaches and methods. <i>Russian Journal of Developmental Biology</i> , 2009, 40, 125-144.	0.5	6
98	Ring-Like Distribution of Constitutive Heterochromatin in Bovine Senescent Cells. <i>PLoS ONE</i> , 2011, 6, e26844.	2.5	6
99	Tightly bound to DNA proteins: Possible universal substrates for intranuclear processes. <i>Gene</i> , 2012, 492, 54-64.	2.2	6
100	HIV-1 Tat Activates Akt/mTORC1 Pathway and AICDA Expression by Downregulating Its Transcriptional Inhibitors in B Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1588.	4.1	6
101	Chromatin domains and territories: flexibly rigid. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2004, 14, 79-88.	0.9	6
102	An unusual extended DNA loop attachment region is located in the human dystrophin gene. <i>Journal of Cellular Physiology</i> , 2006, 209, 515-521.	4.1	5
103	Loop domain organization of the p53 locus in normal and breast cancer cells correlates with the transcriptional status of the TP53 and the neighboring genes. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 2072-2081.	2.6	5
104	Genome- and cell-based strategies in therapy of muscular dystrophies. <i>Biochemistry (Moscow)</i> , 2016, 81, 678-690.	1.5	5
105	Uncoupling of oxidative phosphorylation and antioxidants affect fusion of primary human myoblasts in vitro. <i>Biopolymers and Cell</i> , 2016, 32, 111-117.	0.4	5
106	Molecular Coevolution of Nuclear and Nucleolar Localization Signals inside the Basic Domain of HIV-1 Tat. <i>Journal of Virology</i> , 2022, 96, JVI0150521.	3.4	5
107	Ca <sup>2+</sup> Transportome and the Interorganellar Communication in Hepatocellular Carcinoma. <i>Cells</i> , 2022, 11, 815.	4.1	5
108	Determination of the chromatin domain structure in arrayed repeat regions: Organization of the somatic 5S RNA domain during embryogenesis in <i>Xenopus laevis</i> . <i>Journal of Cellular Biochemistry</i> , 2007, 102, 1140-1148.	2.6	4

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109	Transcription- and Apoptosis-Dependent Long-Range Distribution of Tight DNA-Protein Complexes in the Chicken $\beta$ -Globin Gene. <i>DNA and Cell Biology</i> , 2008, 27, 615-621.	1.9	4
110	Development-dependent changes in the tight DNA-protein complexes of barley on chromosome and gene level. <i>BMC Plant Biology</i> , 2009, 9, 56.	3.6	4
111	Proteins tightly bound to DNA: New data and old problems. <i>Biochemistry (Moscow)</i> , 2010, 75, 1240-1251.	1.5	4
112	Effect of Environmental Factors on Nuclear Organization and Transformation of Human B Lymphocytes. <i>Biochemistry (Moscow)</i> , 2018, 83, 402-410.	1.5	4
113	Treatment of lymphoid cells with the topoisomerase II poison etoposide leads to an increased juxtaposition of AML1 and ETO genes on the surface of nucleoli. <i>Biopolymers and Cell</i> , 2011, 27, 398-403.	0.4	4
114	Translocations affecting human immunoglobulin heavy chain locus. <i>Biopolymers and Cell</i> , 2014, 30, 90-95.	0.4	3
115	Mobility of Nuclear Components and Genome Functioning. <i>Biochemistry (Moscow)</i> , 2018, 83, 690-700.	1.5	3
116	HIV: implication in Burkitt lymphoma.. <i>Biopolymers and Cell</i> , 2012, 28, 285-287.	0.4	3
117	FSHD myoblasts fail to downregulate intermediate filament protein vimentin during myogenic differentiation. <i>Biopolymers and Cell</i> , 2011, 27, 359-363.	0.4	3
118	Nuclear matrix-associated DNA fragments enhance autonomous replication of plasmids in chicken cells. <i>Biochimie</i> , 1995, 77, 880-887.	2.6	2
119	T-antigen interactions with chromatin and p53 during the cell cycle in extracts from <i>Xenopus</i> eggs. <i>Journal of Cellular Biochemistry</i> , 1999, 75, 288-299.	2.6	2
120	A set of vectors for introduction of antibiotic resistance genes by in vitro Cre-mediated recombination. <i>BMC Research Notes</i> , 2008, 1, 135.	1.4	2
121	Evolution of $\beta$ - and $\beta^2$ -Globin genes and their regulatory systems in light of the hypothesis of domain organization of the genome. <i>Biochemistry (Moscow)</i> , 2014, 79, 1141-1150.	1.5	2
122	Nuclear localization of translocation partners in differentiating B-cells. <i>Doklady Biochemistry and Biophysics</i> , 2015, 464, 312-314.	0.9	2
123	Histone deacetylase inhibitors and epigenetic regulation in lymphoid malignancies. <i>Investigational New Drugs</i> , 2015, 33, 1280-1291.	2.6	2
124	Heterochromatin restricts the mobility of nuclear bodies. <i>Chromosoma</i> , 2018, 127, 529-537.	2.2	2
125	DUX4, a Zygotic Genome Activator, Is Involved in Oncogenesis and Genetic Diseases. <i>Russian Journal of Developmental Biology</i> , 2020, 51, 176-182.	0.5	2
126	Live-Cell Imaging and Analysis of Nuclear Body Mobility. <i>Methods in Molecular Biology</i> , 2020, 2175, 1-9.	0.9	2



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127	Interaction between mesenchymal stem cells and myoblasts in the context of facioscapulohumeral muscular dystrophy contributes to the disease phenotype. <i>Journal of Cellular Physiology</i> , 0, , .	4.1	2
128	Topoisomerase I is associated with the regulatory region of transcriptionally active SV 40 minichromosomes. <i>Molecular and Cellular Biochemistry</i> , 1990, 95, 95-106.	3.1	1
129	Title is missing!. <i>Russian Journal of Genetics</i> , 2003, 39, 147-151.	0.6	1
130	Effect of DNA loop anchorage regions(LARs) and microinjection timing on expression of $\beta$ -galactosidase gene injected into one-cell rabbit embryos. <i>Journal of Cellular Biochemistry</i> , 2004, 92, 1171-1179.	2.6	1
131	Academy reform needs a reality check. <i>Nature</i> , 2013, 499, 284-284.	27.8	1
132	Role of the Nucleolus in Rearrangements of the IGH Locus. <i>Molecular Biology</i> , 2018, 52, 182-189.	1.3	1
133	From an increase in the number of tandem repeats through the decrease of sialylation to the downregulation of MUC1 expression level. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 4472-4484.	2.6	1
134	Rearrangement of chromatin domains in cancer and development. <i>Journal of Cellular Biochemistry</i> , 2000, 79, 54-60.	2.6	1
135	Differences in Transcription Patterns between Induced Pluripotent Stem Cells Produced from the Same Germ Layer Are Erased upon Differentiation. <i>PLoS ONE</i> , 2013, 8, e53033.	2.5	1
136	Growth suppression activity of bradykinin antagonists in glioma cells. <i>Biopolymers and Cell</i> , 2014, 30, 77-79.	0.4	1
137	MARs Wars: heterogeneity and clustering of DNA-binding domains in the nuclear matrix. <i>Biopolymers and Cell</i> , 2009, 25, 451-456.	0.4	1
138	Intranuclear localization of transcription factories and immunoglobulin heavy chain gene alleles during human B-cell maturation. <i>Biopolymers and Cell</i> , 2016, 32, 179-183.	0.4	1
139	Title is missing!. <i>Russian Journal of Developmental Biology</i> , 2003, 34, 213-217.	0.5	0
140	Spatial Organization of the Chicken $\beta$ -Globin Gene Domain in Cells of Different Origins. <i>Molecular Biology</i> , 2005, 39, 851-856.	1.3	0
141	Basic science in Russia under threat. <i>Nature</i> , 2010, 467, 789-789.	27.8	0
142	miR-205 is involved in metastatic potential of 21T series, a breast cancer progression model. <i>BMC Proceedings</i> , 2013, 7, .	1.6	0
143	Structure and function of oncogene-transfected immortal cells. <i>Biopolymers and Cell</i> , 2014, 30, 25-28.	0.4	0
144	Nuclear skeleton, DNA domains and control of replication and transcription. , 1991, , 137-148.		0

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145	Cisplatin treatment of C6 rat glioma in vivo did not influence copy number alterations and growth pattern of tumor-derived resistant cells. <i>Biopolymers and Cell</i> , 2015, 31, 209-217.	0.4	0
146	Control of gene expression in <i>Xenopus</i> early development. <i>Genesis</i> , 1998, 22, 122-131.	2.1	0
147	Tâ€antigen interactions with chromatin and p53 during the cell cycle in extracts from <i>Xenopus</i> eggs. <i>Journal of Cellular Biochemistry</i> , 1999, 75, 288-299.	2.6	0