Yegor S Vassetzky

List of Publications by Year
in descending order

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	Easy and robust electrotransfection protocol for efficient ectopic gene expression and genome editing in human B cells. Gene Therapy, 2023, 30, 167-171.	4.5	11
2	Molecular Coevolution of Nuclear and Nucleolar Localization Signals inside the Basic Domain of HIV-1 Tat. Journal of Virology, 2022, 96, JVI0150521.	3.4	5
3	Ca2+ Transportome and the Interorganelle Communication in Hepatocellular Carcinoma. Cells, 2022, 11, 815.	4.1	5
4	SETDB1 fuels the lung cancer phenotype by modulating epigenome, 3D genome organization and chromatin mechanical properties. Nucleic Acids Research, 2022, 50, 4389-4413.	14.5	18
5	HIV-1 Tat Activates Akt/mTORC1 Pathway and AICDA Expression by Downregulating Its Transcriptional Inhibitors in B Cells. International Journal of Molecular Sciences, 2021, 22, 1588.	4.1	6
6	Control of DUX4 Expression in Facioscapulohumeral Muscular Dystrophy and Cancer. Trends in Molecular Medicine, 2021, 27, 588-601.	6.7	7
7	Analysis of genes regulated by DUX4 via oxidative stress reveals potential therapeutic targets for treatment of facioscapulohumeral dystrophy. Redox Biology, 2021, 43, 102008.	9.0	12
8	Order and stochasticity in the folding of individual Drosophila genomes. Nature Communications, 2021, 12, 41.	12.8	49
9	HIVâ€1, HAART and cancer: A complex relationship. International Journal of Cancer, 2020, 146, 2666-2679.	5.1	37
10	Expression of SARS-CoV-2 entry factors in lung epithelial stem cells and its potential implications for COVID-19. Scientific Reports, 2020, 10, 17772.	3.3	37
11	Modulation of mTORC1 Signaling Pathway by HIV-1. Cells, 2020, 9, 1090.	4.1	24
12	Oncogenic Properties of the EBV ZEBRA Protein. Cancers, 2020, 12, 1479.	3.7	43
13	DUX4, a Zygotic Genome Activator, Is Involved in Oncogenesis and Genetic Diseases. Russian Journal of Developmental Biology, 2020, 51, 176-182.	0.5	2
14	Live-Cell Imaging and Analysis of Nuclear Body Mobility. Methods in Molecular Biology, 2020, 2175, 1-9.	0.9	2
15	Metal ions modify DNA-protecting and mutagen-scavenging capacities of the AV-153 1,4-dihydropyridine. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 845, 403077.	1.7	12
16	HIVâ€1 Tat protein induces aberrant activation of AICDA in human Bâ€lymphocytes from peripheral blood. Journal of Cellular Physiology, 2019, 234, 15678-15685.	4.1	16
17	Nucleolus: A Central Hub for Nuclear Functions. Trends in Cell Biology, 2019, 29, 647-659.	7.9	119
18	DUX4 Pathological Expression: Causes and Consequences in Cancer. Trends in Cancer, 2019, 5, 268-271.	7.4	15

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19	Tat basic domain: A â€œSwiss army knifeâ€•of HIVâ€1 Tat?. Reviews in Medical Virology, 2019, 29, e2031.	8.3	17
20	From an increase in the number of tandem repeats through the decrease of sialylation to the downregulation of MUC1 expression level. Journal of Cellular Biochemistry, 2019, 120, 4472-4484.	2.6	1
21	MUC1 Story: Great Expectations, Disappointments and the Renaissance. Current Medicinal Chemistry, 2019, 26, 554-563.	2.4	12
22	Role of the Nucleolus in Rearrangements of the IGH Locus. Molecular Biology, 2018, 52, 182-189.	1.3	1
23	Genetic and Epigenetic Mechanisms of Î²-Globin Gene Switching. Biochemistry (Moscow), 2018, 83, 381-392.	1.5	13
24	Effect of Environmental Factors on Nuclear Organization and Transformation of Human B Lymphocytes. Biochemistry (Moscow), 2018, 83, 402-410.	1.5	4
25	The role of Alu-derived RNAs in Alzheimerâ€™s and other neurodegenerative conditions. Medical Hypotheses, 2018, 115, 29-34.	1.5	15
26	HIV-1 Tat protein induces DNA damage in human peripheral blood B-lymphocytes via mitochondrial ROS production. Redox Biology, 2018, 15, 97-108.	9.0	62
27	A Comparison of Techniques to Evaluate the Effectiveness of Genome Editing. Trends in Biotechnology, 2018, 36, 147-159.	9.3	38
28	Heterochromatin restricts the mobility of nuclear bodies. Chromosoma, 2018, 127, 529-537.	2.2	2
29	mTORC1 pathway in DNA damage response. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1293-1311.	4.1	97
30	Mobility of Nuclear Components and Genome Functioning. Biochemistry (Moscow), 2018, 83, 690-700.	1.5	3
31	3D genomics imposes evolution of the domain model of eukaryotic genome organization. Chromosoma, 2017, 126, 59-69.	2.2	14
32	Dual Role of the Extracellular Domain of Human Mucin MUC1 in Metastasis. Journal of Cellular Biochemistry, 2017, 118, 4002-4011.	2.6	8
33	Control of DNA integrity in skeletal muscle under physiological and pathological conditions. Cellular and Molecular Life Sciences, 2017, 74, 3439-3449.	5.4	13
34	HIV Tat induces a prolonged MYC relocalization next to IGH in circulating B-cells. Leukemia, 2017, 31, 2515-2522.	7.2	44
35	Evolution of the Genome 3D Organization: Comparison of Fused and Segregated Globin Gene Clusters. Molecular Biology and Evolution, 2017, 34, 1492-1504.	8.9	10
36	A One-Step PCR-Based Assay to Evaluate the Efficiency and Precision of Genomic DNA-Editing Tools. Molecular Therapy - Methods and Clinical Development, 2017, 5, 43-50.	4.1	14

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37	The microRNA-205-5p is correlated to metastatic potential of 21T series: A breast cancer progression model. PLoS ONE, 2017, 12, e0173756.	2.5	15
38	The<i>IGH</i>locus relocalizes to a â€œrecombination compartmentâ€•in the perinucleolar region of differentiating B-lymphocytes. Oncotarget, 2017, 8, 40079-40089.	1.8	7
39	Dux4 controls migration of mesenchymal stem cells through the Cxcr4-Sdf1 axis. Oncotarget, 2016, 7, 65090-65108.	1.8	24
40	Topologically-associating domains: gene warehouses adapted to serve transcriptional regulation. Transcription, 2016, 7, 84-90.	3.1	19
41	Temozolomide promotes genomic and phenotypic changes in glioblastoma cells. Cancer Cell International, 2016, 16, 36.	4.1	40
42	DUX4-induced constitutive DNA damage and oxidative stress contribute to aberrant differentiation of myoblasts from FSHD patients. Free Radical Biology and Medicine, 2016, 99, 244-258.	2.9	73
43	Genome- and cell-based strategies in therapy of muscular dystrophies. Biochemistry (Moscow), 2016, 81, 678-690.	1.5	5
44	RNA-dependent disassembly of nuclear bodies. Journal of Cell Science, 2016, 129, 4509-4520.	2.0	7
45	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 Bâ€Cell Differentiation. Journal of Cellular Biochemistry, 2016, 117, 1506-1510.	2.6	10
46	Histone deacetylase inhibitor abexinostat affects chromatin organization and gene transcription in normal B cells and in mantle cell lymphoma. Gene, 2016, 580, 134-143.	2.2	9
47	Correction of the FSHD myoblast differentiation defect by fusion with healthy myoblasts. Journal of Cellular Physiology, 2016, 231, 62-71.	4.1	9
48	Facioscapulohumeral dystrophy myoblasts efficiently repair moderate levels of oxidative DNA damage. Histochemistry and Cell Biology, 2016, 145, 475-483.	1.7	24
49	Functional roles of HIV-1 Tat protein in the nucleus. Cellular and Molecular Life Sciences, 2016, 73, 589-601.	5.4	25
50	Uncoupling of oxidative phosphorylation and antioxidants affect fusion of primary human myoblasts in vitro. Biopolymers and Cell, 2016, 32, 111-117.	0.4	5
51	Intranuclear localization of transcription factories and immunoglobulin heavy chain gene alleles during human B-cell maturation. Biopolymers and Cell, 2016, 32, 179-183.	0.4	1
52	Nuclear localization of translocation partners in differentiating B-cells. Doklady Biochemistry and Biophysics, 2015, 464, 312-314.	0.9	2
53	Epigenetic Modifications, Chromatin Distribution and <i>TP53</i> Transcription in a Model of Breast Cancer Progression. Journal of Cellular Biochemistry, 2015, 116, 533-541.	2.6	10
54	Eukaryotic enhancers: common features, regulation, and participation in diseases. Cellular and Molecular Life Sciences, 2015, 72, 2361-2375.	5.4	39

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55	Step-wise and punctuated genome evolution drive phenotype changes of tumor cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 771, 56-69.	1.0	27
56	Histone deacetylase inhibitors and epigenetic regulation in lymphoid malignancies. Investigational New Drugs, 2015, 33, 1280-1291.	2.6	2
57	Cisplatin treatment of C6 rat glioma in vivo did not influence copy number alterations and growth pattern of tumor-derived resistant cells. Biopolymers and Cell, 2015, 31, 209-217.	0.4	0
58	Dynamics of double strand breaks and chromosomal translocations. Molecular Cancer, 2014, 13, 249.	19.2	42
59	Evolution of Î±- and Î²-Globin genes and their regulatory systems in light of the hypothesis of domain organization of the genome. Biochemistry (Moscow), 2014, 79, 1141-1150.	1.5	2
60	Translocations affecting human immunoglobulin heavy chain locus. Biopolymers and Cell, 2014, 30, 90-95.	0.4	3
61	Cancerâ€related genes in the transcription signature of facioscapulohumeral dystrophy myoblasts and myotubes. Journal of Cellular and Molecular Medicine, 2014, 18, 208-217.	3.6	11
62	Structure and function of oncogene-transfected immortal cells. Biopolymers and Cell, 2014, 30, 25-28.	0.4	0
63	Perinucleolar relocalization and nucleolin as crucial events in the transcriptional activation of key genes in mantle cell lymphoma. Blood, 2014, 123, 2044-2053.	1.4	37
64	A requiem to the nuclear matrix: from a controversial concept to 3D organization of the nucleus. Chromosoma, 2014, 123, 217-224.	2.2	47
65	Nuclear matrix and structural and functional compartmentalization of the eucaryotic cell nucleus. Biochemistry (Moscow), 2014, 79, 608-618.	1.5	13
66	DNA polymorphism and epigenetic marks modulate the affinity of a scaffold/matrix attachment region to the nuclear matrix. European Journal of Human Genetics, 2014, 22, 1117-1123.	2.8	14
67	Bradykinin antagonists and thiazolidinone derivatives as new potential anti-cancer compounds. Bioorganic and Medicinal Chemistry, 2014, 22, 3815-3823.	3.0	27
68	Growth suppression activity of bradykinin antagonists in glioma cells. Biopolymers and Cell, 2014, 30, 77-79.	0.4	1
69	Academy reform needs a reality check. Nature, 2013, 499, 284-284.	27.8	1
70	miR-205 is involved in metastatic potential of 21T series, a breast cancer progression model. BMC Proceedings, 2013, 7, .	1.6	0
71	Antagonistic functional duality of cancer genes. Gene, 2013, 529, 199-207.	2.2	51
72	Defective Regulation of MicroRNA Target Genes in Myoblasts from Facioscapulohumeral Dystrophy Patients. Journal of Biological Chemistry, 2013, 288, 34989-35002.	3.4	61

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73	MiR-34a is up-regulated in response to low dose, low energy X-ray induced DNA damage in breast cells. Radiation Oncology, 2013, 8, 231.	2.7	45
74	Simultaneous miRNA and mRNA transcriptome profiling of human myoblasts reveals a novel set of myogenic differentiation-associated miRNAs and their target genes. BMC Genomics, 2013, 14, 265.	2.8	75
75	Differences in Transcription Patterns between Induced Pluripotent Stem Cells Produced from the Same Germ Layer Are Erased upon Differentiation. PLoS ONE, 2013, 8, e53033.	2.5	1
76	Functional muscle impairment in facioscapulohumeral muscular dystrophy is correlated with oxidative stress and mitochondrial dysfunction. Free Radical Biology and Medicine, 2012, 53, 1068-1079.	2.9	106
77	Tightly bound to DNA proteins: Possible universal substrates for intranuclear processes. Gene, 2012, 492, 54-64.	2.2	6
78	Distinct Distribution of Ectopically Expressed Histone Variants H2A.Bbd and MacroH2A in Open and Closed Chromatin Domains. PLoS ONE, 2012, 7, e47157.	2.5	20
79	HIV: implication in Burkitt lymphoma.. Biopolymers and Cell, 2012, 28, 285-287.	0.4	3
80	Ring-Like Distribution of Constitutive Heterochromatin in Bovine Senescent Cells. PLoS ONE, 2011, 6, e26844.	2.5	6
81	The KrÃ¼ppel-like Factor 15 as a Molecular Link between Myogenic Factors and a Chromosome 4q Transcriptional Enhancer Implicated in Facioscapulohumeral Dystrophy*. Journal of Biological Chemistry, 2011, 286, 44620-44631.	3.4	21
82	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. Journal of Cellular Biochemistry, 2011, 112, 2072-2081.	2.6	5
83	Transcription factories in the context of the nuclear and genome organization. Nucleic Acids Research, 2011, 39, 9085-9092.	14.5	53
84	FSHD myoblasts fail to downregulate intermediate filament protein vimentin during myogenic differentiation. Biopolymers and Cell, 2011, 27, 359-363.	0.4	3
85	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. Biopolymers and Cell, 2011, 27, 398-403.	0.4	4
86	The Epigenetic Landscape of Mammary Gland Development and Functional Differentiation. Journal of Mammary Gland Biology and Neoplasia, 2010, 15, 85-100.	2.7	88
87	Myoblasts from affected and nonâ€affected FSHD muscles exhibit morphological differentiation defects. Journal of Cellular and Molecular Medicine, 2010, 14, 275-289.	3.6	112
88	Proteins tightly bound to DNA: New data and old problems. Biochemistry (Moscow), 2010, 75, 1240-1251.	1.5	4
89	Basic science in Russia under threat. Nature, 2010, 467, 789-789.	27.8	0
90	High Resolution Genome-Wide Analysis of Chromosomal Alterations in Burkitt's Lymphoma. PLoS ONE, 2009, 4, e7089.	2.5	60

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91	Development-dependent changes in the tight DNA-protein complexes of barley on chromosome and gene level. BMC Plant Biology, 2009, 9, 56.	3.6	4
92	In embryonic chicken erythrocytes actively transcribed alpha globin genes are not associated with the nuclear matrix. Journal of Cellular Biochemistry, 2009, 106, 170-178.	2.6	12
93	Analysis of telomeric DNA: Current approaches and methods. Russian Journal of Developmental Biology, 2009, 40, 125-144.	0.5	6
94	Pearls in the junk: Dissecting the molecular pathogenesis of facioscapulohumeral muscular dystrophy. Neuromuscular Disorders, 2009, 19, 17-20.	0.6	30
95	Early replication timing of the chicken Î±-globin gene domain correlates with its open chromatin state in cells of different lineages. Genomics, 2009, 93, 481-486.	2.9	11
96	Interaction in vivo between the Two Matrix Attachment Regions Flanking a Single Chromatin Loop. Journal of Molecular Biology, 2009, 386, 929-937.	4.2	18
97	Chromosome Conformation Capture (from 3C to 5C) and Its ChIP-Based Modification. Methods in Molecular Biology, 2009, 567, 171-188.	0.9	70
98	MARs Wars: heterogeneity and clustering of DNA-binding domains in the nuclear matrix. Biopolymers and Cell, 2009, 25, 451-456.	0.4	1
99	A nuclear matrix attachment site in the 4q35 locus has an enhancer-blocking activity in vivo: Implications for the facio-scapulo-humeral dystrophy. Genome Research, 2008, 18, 39-45.	5.5	61
100	A set of vectors for introduction of antibiotic resistance genes by in vitro Cre-mediated recombination. BMC Research Notes, 2008, 1, 135.	1.4	2
101	Transcription- and Apoptosis-Dependent Long-Range Distribution of Tight DNAâ€"Protein Complexes in the Chicken Î±-Globin Gene. DNA and Cell Biology, 2008, 27, 615-621.	1.9	4
102	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. PLoS ONE, 2008, 3, e3389.	2.5	44
103	Chromatin Domains and Regulation of Transcription. Journal of Molecular Biology, 2007, 369, 597-607.	4.2	69
104	Recruitment of RNA Polymerase II in the Ifng Gene Promoter Correlates with the Nuclear Matrix Association in Activated T Helper Cells. Journal of Molecular Biology, 2007, 371, 317-322.	4.2	6
105	Determination of the chromatin domain structure in arrayed repeat regions: Organization of the somatic 5S RNA domain during embryogenesis inXenopus laevis. Journal of Cellular Biochemistry, 2007, 102, 1140-1148.	2.6	4
106	Selective matrix attachment regions in T helper cell subsets support loop conformation in the Ifng gene. Genes and Immunity, 2007, 8, 35-43.	4.1	15
107	An unusual extended DNA loop attachment region is located in the human dystrophin gene. Journal of Cellular Physiology, 2006, 209, 515-521.	4.1	5
108	Chromatin loop domain organization within the 4q35 locus in facioscapulohumeral dystrophy patients versus normal human myoblasts. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6982-6987.	7.1	82

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109	Increased levels of adenine nucleotide translocator 1 protein and response to oxidative stress are early events in facioscapulohumeral muscular dystrophy muscle. Journal of Molecular Medicine, 2005, 83, 216-224.	3.9	98
110	Spatial Organization of the Chicken Î±-Globin Gene Domain in Cells of Different Origins. Molecular Biology, 2005, 39, 851-856.	1.3	0
111	Mitotic Remodeling of the Replicon and Chromosome Structure. Cell, 2005, 123, 787-801.	28.9	175
112	The upstream area of the chicken Î±-globin gene domain is transcribed in both directions in the same cells. FEBS Letters, 2005, 579, 4746-4750.	2.8	6
113	Mapping long-range chromatin organization within the chicken Î±-globin gene domain using oligonucleotide DNA arrays. Genomics, 2005, 85, 143-151.	2.9	23
114	Effect of DNA loop anchorage regions(LARs) and microinjection timing on expression ofÎ²-galactosidase gene injected into one-cell rabbit embryos. Journal of Cellular Biochemistry, 2004, 92, 1171-1179.	2.6	1
115	DNA replication initiates at domains overlapping with nuclear matrix attachment regions in the xenopus and mouse c-myc promoter. Gene, 2004, 332, 129-138.	2.2	37
116	Chromatin Domains and Territories: Flexibly Rigid. Critical Reviews in Eukaryotic Gene Expression, 2004, 14, 79-88.	0.9	16
117	Chromatin domains and territories: flexibly rigid. Critical Reviews in Eukaryotic Gene Expression, 2004, 14, 79-88.	0.9	6
118	Title is missing!. Russian Journal of Developmental Biology, 2003, 34, 213-217.	0.5	0
119	Title is missing!. Russian Journal of Genetics, 2003, 39, 147-151.	0.6	1
120	Chromatin remodelling and DNA replication: from nucleosomes to loop domains. Oncogene, 2001, 20, 3086-3093.	5.9	57
121	Analysis of the chicken DNA fragments that contain structural sites of attachment to the nuclear matrix: DNA-matrix interactions and replication. Journal of Cellular Biochemistry, 2000, 79, 1-14.	2.6	9
122	Rearrangement of chromatin domains in cancer and development. Journal of Cellular Biochemistry, 2000, 79, 54-60.	2.6	15
123	Rearrangement of chromatin domains in cancer and development. Journal of Cellular Biochemistry, 2000, 79, 54-60.	2.6	1
124	Specification of Chromatin Domains and Regulation of Replication and Transcription During Development. Critical Reviews in Eukaryotic Gene Expression, 2000, 10, 8.	0.9	20
125	Rearrangement of chromatin domains during development in<i>Xenopus</i>. Genes and Development, 2000, 14, 1541-1552.	5.9	53
126	T-antigen interactions with chromatin and p53 during the cell cycle in extracts from Xenopus eggs. Journal of Cellular Biochemistry, 1999, 75, 288-299.	2.6	2

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127	Tâ€antigen interactions with chromatin and p53 during the cell cycle in extracts from Xenopus eggs. Journal of Cellular Biochemistry, 1999, 75, 288-299.	2.6	0
128	Control of gene expression inXenopus early development. Genesis, 1998, 22, 122-131.	2.1	23
129	Control of gene expression in Xenopus early development. Genesis, 1998, 22, 122-131.	2.1	0
130	Ectopic expression of inactive forms of yeast DNA topoisomerase II confers resistance to the anti-tumour drug, etoposide. British Journal of Cancer, 1996, 73, 1201-1209.	6.4	25
131	DNA topoisomerase II mutations and resistance to anti-tumor drugs. BioEssays, 1995, 17, 767-774.	2.5	70
132	Nuclear matrix-associated DNA fragments enhance autonomous replication of plasmids in chicken cells. Biochimie, 1995, 77, 880-887.	2.6	2
133	Topoisomerase II forms multimers in vitro: effects of metals, beta-glycerophosphate, and phosphorylation of its C-terminal domain.. Molecular and Cellular Biology, 1994, 14, 6962-6974.	2.3	51
134	Topoisomerase II Forms Multimers In Vitro: Effects of Metals, Î²-Glycerophosphate, and Phosphorylation of Its C-Terminal Domain. Molecular and Cellular Biology, 1994, 14, 6962-6974.	2.3	18
135	The sequence-specific nuclear matrix binding factor F6 is a chicken GATA-like protein. Molecular Genetics and Genomics, 1993, 238, 309-314.	2.4	16
136	A transcription-dependent DNase I â€" hypersensitive site in a far upstream segment of the chicken Î±-globin gene domain coincides with a matrix attachment region. Biochemical and Biophysical Research Communications, 1992, 184, 1226-1234.	2.1	23
137	Domain organization of eukaryotic genome. Cell Biology International Reports, 1992, 16, 697-708.	0.6	17
138	Nuclear matrix attachment regions and topoisomerase II binding and reaction sites in the vicinity of a chicken DNA replication origin. Biochemical and Biophysical Research Communications, 1991, 177, 265-270.	2.1	50
139	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 âˆ•globin gene domain. Biochemical and Biophysical Research Communications, 1991, 179, 512-519.	2.1	14
140	Transcriptional enhancer in the vicinity of a replication origin within the 5â€² region of the chicken Î±-globin gene domain. Journal of Molecular Biology, 1991, 217, 595-598.	4.2	17
141	Nuclear skeleton, DNA domains and control of replication and transcription. FEBS Journal, 1991, 200, 613-624.	0.2	45
142	Nuclear skeleton, DNA domains and control of replication and transcription. , 1991, , 137-148.		0
143	Topoisomerase I is associated with the regulatory region of transcriptionally active SV 40 minichromosomes. Molecular and Cellular Biochemistry, 1990, 95, 95-106.	3.1	1
144	Characterization of DNA pattern in the site of permanent attachment to the nuclear matrix located in the vicinity of replication origin. Biochemical and Biophysical Research Communications, 1990, 168, 9-15.	2.1	68

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145	DNA fragments which specifically bind to isolated nuclear matrix in vitro interact with matrix-associated DNA topoisomerase II. Biochemical and Biophysical Research Communications, 1989, 159, 1263-1268.	2.1	12
146	The distribution of tightly bound proteins along the DNA chain reflects the type of cell differentiation. Nucleic Acids Research, 1988, 16, 3617-3633.	14.5	22
147	Interaction between mesenchymal stem cells and myoblasts in the context of facioscapulohumeral muscular dystrophy contributes to the disease phenotype. Journal of Cellular Physiology, 0, , .	4.1	2