Alexandra Belayew

List of Publications by Year
in descending order

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85 papers	4,903 citations	109137 35 h-index	95083 68 g-index
89 all docs	89 docs citations	89 times ranked	3273 citing authors

#	Article	IF	Citations
1	Hypoxia and Hypoxia-Inducible Factor Signaling in Muscular Dystrophies: Cause and Consequences. International Journal of Molecular Sciences, 2021, 22, 7220.	1.8	20
2	Effects of Chemopreventive Natural Compounds on the Accuracy of 8-oxo-7,8-dihydro-2â€²-deoxyguanosine Translesion Synthesis. Planta Medica, 2021, 87, 868-878.	0.7	0
3	Effects of natural compounds on the accuracy of 8-oxo-7,8-dihydro-2'-deoxyguanosine translesion synthesis. Planta Medica, 2021, 87, .	0.7	0
4	Induction of a local muscular dystrophy using electroporation in vivo: an easy tool for screening therapeutics. Scientific Reports, 2020, 10, 11301.	1.6	5
5	Bioactive Aliphatic Polycarbonates Carrying Guanidinium Functions: An Innovative Approach for Myotonic Dystrophy Type 1 Therapy. ACS Omega, 2019, 4, 18126-18135.	1.6	7
6	Helicase-like transcription factor expression is associated with a poor prognosis in Non-Small-Cell Lung Cancer (NSCLC). BMC Cancer, 2018, 18, 429.	1.1	4
7	Overexpression of the double homeodomain protein DUX4c interferes with myofibrillogenesis and induces clustering of myonuclei. Skeletal Muscle, 2018, 8, 2.	1.9	18
8	Affinity capillary electrophoresis for identification of active drug candidates in myotonic dystrophy type 1. Analytical and Bioanalytical Chemistry, 2018, 410, 4495-4507.	1.9	10
9	Antisense Oligonucleotides Used to Target the DUX4 mRNA as Therapeutic Approaches in FaciosScapuloHumeral Muscular Dystrophy (FSHD). Genes, 2017, 8, 93.	1.0	51
10	Dux4 controls migration of mesenchymal stem cells through the Cxcr4-Sdf1 axis. Oncotarget, 2016, 7, 65090-65108.	0.8	24
11	Homologous Transcription Factors DUX4 and DUX4c Associate with Cytoplasmic Proteins during Muscle Differentiation. PLoS ONE, 2016, 11, e0146893.	1.1	26
12	The helicase-like transcription factorÂ(HLTF) in cancer: loss of function or oncomorphic conversion of a tumor suppressor?. Cellular and Molecular Life Sciences, 2016, 73, 129-145.	2.4	31
13	Aberrant Splicing in Transgenes Containing Introns, Exons, and V5 Epitopes: Lessons from Developing an FSHD Mouse Model Expressing a D4Z4 Repeat with Flanking Genomic Sequences. PLoS ONE, 2015, 10, e0118813.	1.1	13
14	In vitro genotoxicity tests point to an unexpected and harmful effect of a Magnolia and Aristolochia association. Journal of Ethnopharmacology, 2015, 174, 178-186.	2.0	14
15	The Role of D4Z4-Encoded Proteins in the Osteogenic Differentiation of Mesenchymal Stromal Cells Isolated from Bone Marrow. Stem Cells and Development, 2015, 24, 2674-2686.	1.1	10
16	Effects of chemopreventive natural products on non-homologous end-joining DNA double-strand break repair. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2014, 768, 33-41.	0.9	28
17	Helicase-like transcription factor: a new marker of well-differentiated thyroid cancers. BMC Cancer, 2014, 14, 492.	1.1	8
18	Pyrosequencing for the quantitative assessment of 8-oxodG bypass DNA synthesis. DNA Repair, 2014, 22, 147-152.	1.3	2

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19	Measurement of translesion synthesis by fluorescent capillary electrophoresis: 7,8-Dihydro-8-oxodeoxyguanosine bypass modulation by natural products. Analytical Biochemistry, 2013, 440, 23-31.	1.1	4
20	<scp>DUX</scp>4 expression in <scp>FSHD</scp> muscle cells: how could such a rare protein cause a myopathy?. Journal of Cellular and Molecular Medicine, 2013, 17, 76-89.	1.6	120
21	Defective Regulation of MicroRNA Target Genes in Myoblasts from Facioscapulohumeral Dystrophy Patients. Journal of Biological Chemistry, 2013, 288, 34989-35002.	1.6	61
22	DUX4 Differentially Regulates Transcriptomes of Human Rhabdomyosarcoma and Mouse C2C12 Cells. PLoS ONE, 2013, 8, e64691.	1.1	55
23	Functional muscle impairment in facioscapulohumeral muscular dystrophy is correlated with oxidative stress and mitochondrial dysfunction. Free Radical Biology and Medicine, 2012, 53, 1068-1079.	1.3	106
24	On-chip microelectrophoresis for the study of in vitro nonhomologous end-joining DNA double-strand break repair. Analytical Biochemistry, 2012, 425, 76-79.	1.1	3
25	Facioscapulohumeral muscular dystrophy (FSHD): an enigma unravelled?. Human Genetics, 2012, 131, 325-340.	1.8	128
26	FSHD Myotubes with Different Phenotypes Exhibit Distinct Proteomes. PLoS ONE, 2012, 7, e51865.	1.1	29
27	Osteoconductive and Bioresorbable Composites Based on Poly(<scp>l</scp>,<scp>l</scp>-lactide) and Pseudowollastonite: From Synthesis and Interfacial Compatibilization to In Vitro Bioactivity and In Vivo Osseointegration Studies. Biomacromolecules, 2011, 12, 692-700.	2.6	17
28	The FSHD Atrophic Myotube Phenotype Is Caused by DUX4 Expression. PLoS ONE, 2011, 6, e26820.	1.1	146
29	Expression of the helicase-like transcription factor and its variants during carcinogenesis of the uterine cervix: implications for tumour progression. Histopathology, 2011, 58, 984-988.	1.6	9
30	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.	1.6	21
31	<i>DUX4</i>, a candidate gene for facioscapulohumeral muscular dystrophy, causes p53â€dependent myopathy in vivo. Annals of Neurology, 2011, 69, 540-552.	2.8	208
32	DUX4c Is Up-Regulated in FSHD. It Induces the MYF5 Protein and Human Myoblast Proliferation. PLoS ONE, 2009, 4, e7482.	1.1	49
33	The helicaseâ€like transcription factor is a strong predictor of recurrence in hypopharyngeal but not in laryngeal squamous cell carcinomas. Histopathology, 2009, 55, 77-90.	1.6	19
34	The Helicase-Like Transcription Factor and its implication in cancer progression. Cellular and Molecular Life Sciences, 2008, 65, 591-604.	2.4	48
35	Helicase-like transcription factor exhibits increased expression and altered intracellular distribution during tumor progression in hypopharyngeal and laryngeal squamous cell carcinomas. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2008, 453, 491-499.	1.4	15
36	An isogenetic myoblast expression screen identifies DUX4-mediated FSHD-associated molecular pathologies. EMBO Journal, 2008, 27, 2766-2779.	3.5	272

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37	DUX4c, an FSHD candidate gene, interferes with myogenic regulators and abolishes myoblast differentiation. Experimental Neurology, 2008, 214, 87-96.	2.0	77
38	<i>DUX4</i> , a candidate gene of facioscapulohumeral muscular dystrophy, encodes a transcriptional activator of <i>PITX1</i>. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18157-18162.	3.3	321
39	The DUX4 gene at the FSHD1A locus encodes a pro-apoptotic protein. Neuromuscular Disorders, 2007, 17, 611-623.	0.3	286
40	DUX4 transcriptionally regulates pairedâ€like homeodomain transcription factor 1. FASEB Journal, 2007, 21, A182.	0.2	0
41	Early expression of the Helicase-Like Transcription Factor (HLTF/SMARCA3) in an experimental model of estrogen-induced renal carcinogenesis. Molecular Cancer, 2006, 5, 23.	7.9	23
42	A New Peptidic Vector for Molecular Imaging of Apoptosis, Identified by Phage Display Technology. Journal of Biomolecular Screening, 2006, 11, 537-545.	2.6	53
43	Intracellular Trafficking and Dynamics of Double Homeodomain Proteinsâ€. Biochemistry, 2005, 44, 2378-2384.	1.2	17
44	Active genes in junk DNA? Characterization of DUX genes embedded within 3.3 kb repeated elements. Gene, 2001, 264, 51-57.	1.0	38
45	Far Upstream Sequences Regulate the Human Prolactin Promoter Transcription. Neuroendocrinology, 2000, 71, 124-137.	1.2	14
46	Functional Interactions between Sp1 or Sp3 and the Helicase-like Transcription Factor Mediate Basal Expression from the Human Plasminogen Activator Inhibitor-1 Gene. Journal of Biological Chemistry, 1999, 274, 19573-19580.	1.6	66
47	Structure and Functional Analysis of a Tilapia (Oreochromis mossambicus) Growth Hormone Gene: Activation and Repression by Pituitary Transcription Factor Pit-1. DNA and Cell Biology, 1999, 18, 489-502.	0.9	17
48	Nucleotide sequence of the partially deleted D4Z4 locus in a patient with FSHD identifies a putative gene within each 3.3 kb element. Gene, 1999, 236, 25-32.	1.0	307
49	Pit-1 mediates cell-specific and cAMP-induced transcription of the tilapia GH gene. Molecular and Cellular Endocrinology, 1999, 152, 111-123.	1.6	15
50	Involvement of Sp1 in basal and retinoic acid induced transcription of the human tissue-type plasminogen activator gene. FEBS Letters, 1999, 456, 149-154.	1.3	23
51	1,25-Dihydroxyvitamin D3induction of the tissue-type plasminogen activator gene is mediated through its multihormone-responsive enhancer. FEBS Letters, 1999, 460, 289-296.	1.3	10
52	Characterization of a Double Homeodomain Protein (DUX1) Encoded by a cDNA Homologous to 3.3 Kb Dispersed Repeated Elements. Human Molecular Genetics, 1998, 7, 1681-1694.	1.4	48
53	Identification of a Multihormone Responsive Enhancer Far Upstream from the Human Tissue-type Plasminogen Activator Gene. Journal of Biological Chemistry, 1997, 272, 663-671.	1.6	41
54	Nonisotopic Quantitative Analysis of Proteinâ€“DNA Interactions at Equilibrium. Analytical Biochemistry, 1997, 250, 181-185.	1.1	53

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55	Characterization and targeting of the murine alpha2-antiplasmin gene. Thrombosis and Haemostasis, 1997, 78, 1104-10.	1.8	13
56	The Tilapia Prolactin I Gene: Evolutionary Conservation of the Regulatory Elements Directing Pituitary-Specific Expression. DNA and Cell Biology, 1996, 15, 679-692.	0.9	18
57	Characterization of a Helicase-Like Transcription Factor Involved in the Expression of the Human Plasminogen Activator Inhibitor-1 Gene. DNA and Cell Biology, 1996, 15, 429-442.	0.9	44
58	The Enhancers of the Human Placental Lactogen B, A, and L Genes: Progressive Activation DuringIn VitroTrophoblast Differentiation and Importance of the DF-3 Element in Determining Their Respective Activities. DNA and Cell Biology, 1996, 15, 845-854.	0.9	27
59	Cyclosporin a, rapamycin and FK506 decrease prolactin release from rat pituitary cells in primary culture. Endocrine Research, 1995, 21, 623-633.	0.6	12
60	Retinoic Acid Induction of Human Tissue-type Plasminogen Activator Gene Expression via a Direct Repeat Element (DR5) Located at â˘7 Kilobases. Journal of Biological Chemistry, 1995, 270, 7167-7175.	1.6	52
61	Rapamycin, FK506 and cyclosporin A inhibit human prolactin gene expression. FEBS Letters, 1995, 358, 158-160.	1.3	19
62	A TEF-1 Binding Motif that Interacts with a Placental Protein Is Important for the Transcriptional Activity of the hCS-B Enhancer. DNA and Cell Biology, 1994, 13, 1037-1045.	0.9	20
63	Replication, expression, and fate of foreign DNA during embryonic and larval development of the African catfish (Clarias gariepinus). Molecular Marine Biology and Biotechnology, 1994, 3, 57-69.	0.4	13
64	The Transcriptional Regulation of the Growth Hormone Gene Is Conserved in Vertebrate Evolution. Biochemical and Biophysical Research Communications, 1993, 192, 1360-1366.	1.0	33
65	Efficient Lipofection of Human Trophoblast Cells in Primary Cultures. Biochemical and Biophysical Research Communications, 1993, 196, 376-381.	1.0	9
66	Thyrotropin-releasing hormone and epidermal growth factor induce human prolactin expression via identical multiple cis elements. Molecular and Cellular Endocrinology, 1993, 92, 1-7.	1.6	53
67	Cloning of a human GHF-1/Pit-1 cDNA variant. Nucleic Acids Research, 1993, 21, 3584-3584.	6.5	6
68	Structure of the Tilapia (<i>Oreochromis mossambicus</i>) Prolactin I Gene. DNA and Cell Biology, 1992, 11, 673-684.	0.9	24
69	Binding of a 100-kDa ubiquitous factor to the human prolactin promoter is required for its basal and hormone-regulated activity. FEBS Journal, 1992, 210, 53-58.	0.2	34
70	Multihormonal regulation of the human prolactin gene expression from 5000 bp of its upstream sequence. Molecular and Cellular Endocrinology, 1991, 80, 53-64.	1.6	68
71	Pit-1 Binding Sequences Permit Calcium Regulation of Human Prolactin Gene Expression. Molecular Endocrinology, 1991, 5, 1748-1754.	3.7	39
72	Transcriptional induction of the human prolactin gene by cAMP requires two cis-acting elements and at least the pituitary-specific factor Pit-1. Journal of Biological Chemistry, 1991, 266, 18127-34.	1.6	54

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73	Triiodothyronine inhibits transcription from the human growth hormone promoter. Molecular and Cellular Endocrinology, 1990, 71, 261-267.	1.6	17
74	The Human Genome Contains Hundreds of Genes Coding for Finger Proteins of the KrÃ¼ppel Type. DNA and Cell Biology, 1989, 8, 377-387.	5.1	204
75	Pituitary-Specific Factor Binding to the Human Prolactin, Growth Hormone, and Placental Lactogen Genes. DNA and Cell Biology, 1989, 8, 149-159.	5.1	68
76	1 Prolactin and growth hormone. Bailliere's Clinical Endocrinology and Metabolism, 1988, 2, 797-834.	1.0	8
77	Discrepancy between Prolactin (PRL) Messenger Ribonucleic Acid and PRL Content in Rat Fetal Pituitary Cells: Possible Role of Dopamine. Molecular Endocrinology, 1988, 2, 1163-1168.	3.7	34
78	Glucocorticoid receptors bound to the antagonist RU486 are not downregulated despite their capacity to interact in vitro with defined gene regions. The Journal of Steroid Biochemistry, 1987, 26, 513-520.	1.3	48
79	Thyroid hormone receptors bind to defined regions of the growth hormone and placental lactogen genes.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 9021-9025.	3.3	53
80	Binding of the Human Glucocorticoid Receptor to Defined Regions in the Human Growth Hormone and Placental Lactogen Genes. DNA and Cell Biology, 1985, 4, 409-417.	5.1	27
81	Isolation and characterization of the human prolactin gene.. EMBO Journal, 1984, 3, 429-437.	3.5	140
82	Locus unlinked to alpha-fetoprotein under the control of the murine raf and Rif genes.. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 5523-5527.	3.3	285
83	Genetic analysis of alpha-fetoprotein synthesis in mice.. Molecular and Cellular Biology, 1982, 2, 1427-1435.	1.1	139
84	Transcriptional control of the murine albumin/alpha-fetoprotein locus during development.. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 5254-5257.	3.3	347
85	Extraction and Translation of Collagen mRNA from Fetal Calf Skin. FEBS Journal, 1980, 106, 593-601.	0.2	4