

Dmitry Zaletaev

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,363
citations

687363

13
h-index

345221

36
g-index

69
all docs

69
docs citations

69
times ranked

1696
citing authors

#	ARTICLE	IF	CITATIONS
1	The human PAX6 gene is mutated in two patients with aniridia. <i>Nature Genetics</i> , 1992, 1, 328-332.	21.4	533
2	PAX6 mutations in aniridia. <i>Human Molecular Genetics</i> , 1993, 2, 915-920.	2.9	162
3	Epigenetic Changes in the Pathogenesis of Rheumatoid Arthritis. <i>Frontiers in Genetics</i> , 2019, 10, 570.	2.3	109
4	Roles of E-cadherin and Noncoding RNAs in the Epithelialâ€“mesenchymal Transition and Progression in Gastric Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2870.	4.1	85
5	DNA methylation markers panel can improve prediction of response to neoadjuvant chemotherapy in luminal B breast cancer. <i>Scientific Reports</i> , 2020, 10, 9239.	3.3	34
6	Clinical relevance of somatic mutations in main driver genes detected in gastric cancer patients by next-generation DNA sequencing. <i>Scientific Reports</i> , 2020, 10, 504.	3.3	34
7	Novel fusion transcripts in bladder cancer identified by RNA-seq. <i>Cancer Letters</i> , 2016, 374, 224-228.	7.2	28
8	Chromosome 7 abnormalities in parents of children with holoprosencephaly and hydronephrosis. <i>American Journal of Medical Genetics Part A</i> , 1990, 35, 286-288.	2.4	26
9	Genome-wide methylotyping resolves breast cancer epigenetic heterogeneity and suggests novel therapeutic perspectives. <i>Epigenomics</i> , 2019, 11, 605-617.	2.1	26
10	The role of genetic and autoimmune factors in premature ovarian failure. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 617-622.	2.5	25
11	Methylation of the BIN1 gene promoter CpG island associated with breast and prostate cancer. <i>Journal of Carcinogenesis</i> , 2007, 6, 9.	2.5	21
12	Novel markers of gene methylation and expression in breast cancer. <i>Molecular Biology</i> , 2007, 41, 562-570.	1.3	20
13	Partial trisomy 5q and partial monosomy 5q within the same family. <i>Clinical Genetics</i> , 2008, 28, 122-129.	2.0	17
14	A simple multiplex FRAXA, FRAXE, and FRAXF PCR assay convenient for wide screening programs. <i>Human Mutation</i> , 1999, 13, 166-169.	2.5	15
15	Rapid and affordable genome-wide bisulfite DNA sequencing by XmaI-reduced representation bisulfite sequencing. <i>Epigenomics</i> , 2017, 9, 833-847.	2.1	13
16	RB1 and CDKN2A Functional Defects Resulting in Retinoblastoma. <i>Molecular Biology</i> , 2002, 36, 625-630.	1.3	12
17	Genetic screening of Russian Usher syndrome patients toward selection for gene therapy. <i>Ophthalmic Genetics</i> , 2018, 39, 706-713.	1.2	12
18	Abnormal promoter DNA hypermethylation of the integrin, nidogen, and dystroglycan genes in breast cancer. <i>Scientific Reports</i> , 2021, 11, 2264.	3.3	12

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19	Aberrant methylation of p16, HIC1, N33, and GSTP1 in tumor epithelium and tumor-associated cells in prostate cancer. <i>Molecular Biology</i> , 2007, 41, 70-76.	1.3	11
20	Abnormal Methylation of Several Tumor Suppressor Genes in Sporadic Breast Cancer. <i>Molecular Biology</i> , 2003, 37, 591-597.	1.3	10
21	DNA methylation in the promoter regions of the laminin family genes in normal and breast carcinoma tissues. <i>Molecular Biology</i> , 2015, 49, 598-607.	1.3	9
22	Long Noncoding RNAs and Their Role in Oncogenesis. <i>Molecular Biology</i> , 2018, 52, 787-798.	1.3	9
23	Abnormal Hypermethylation of CpG Dinucleotides in Promoter Regions of Matrix Metalloproteinases Genes in Breast Cancer and its Relation to Epigenomic Subtypes and HER2 Overexpression. <i>Biomedicines</i> , 2020, 8, 116.	3.2	9
24	Aberrant methylation of tumor suppressor genes and allelic imbalance in cervical intraepithelial neoplasia. <i>Molecular Biology</i> , 2006, 40, 194-199.	1.3	8
25	Diagnostics of Epigenetic Alterations in Hereditary and Oncological Disorders. <i>Molecular Biology</i> , 2004, 38, 174-182.	1.3	7
26	Coding and Non-coding: Molecular Portrait of GIST and its Clinical Implication.. <i>Current Molecular Medicine</i> , 2018, 18, 252-259.	1.3	7
27	Case of Hereditary Papillary Renal Cell Carcinoma Type I in a Patient With a Germline MET Mutation in Russia. <i>Frontiers in Oncology</i> , 2019, 9, 1566.	2.8	7
28	Novel tools for unbiased DNA differential methylation screening. <i>Epigenomics</i> , 2010, 2, 325-333.	2.1	6
29	The Association of the CYP19 and CYP17 Polymorphic Markers with Sporadic Breast Cancer. <i>Molecular Biology</i> , 2003, 37, 830-835.	1.3	5
30	Methylation Profile of Several Tumor Suppressor Genes in Non-Small-Cell Lung Cancer. <i>Molecular Biology</i> , 2003, 37, 836-840.	1.3	5
31	Comparison of Aberrant Methylation of CpG Islands in the p16/CDKN2A and p14/ARF Promoters in Non-Small Cell Lung Cancer and Acute Lymphoblastic Leukemia. <i>Molecular Biology</i> , 2004, 38, 821-827.	1.3	5
32	Reduced representation bisulfite sequencing design for assessing the methylation of human CpG islands in large samples. <i>Molecular Biology</i> , 2015, 49, 618-626.	1.3	5
33	Loss of heterozygosity and uniparental disomy of chromosome region 10q23.3-26.3 in glioblastoma. <i>Genes Chromosomes and Cancer</i> , 2018, 57, 42-47.	2.8	5
34	Somatic Mutation Analyses in Studies of the Clonal Evolution and Diagnostic Targets of Prostate Cancer. <i>Current Genomics</i> , 2017, 18, 236-243.	1.6	5
35	Implication of Gastric Cancer Molecular Genetic Markers in Surgical Practice. <i>Current Genomics</i> , 2017, 18, 408-415.	1.6	5
36	Parental Origin of the RB1 Gene Mutations in Families with Low Penetrance Hereditary Retinoblastoma. <i>Cancers</i> , 2021, 13, 5068.	3.7	5

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37	DNA diagnostics in oncology. <i>Molecular Biology</i> , 2000, 34, 578-589.	1.3	4
38	Amplification of intermethylated sites experimental design and results analysis with AIMS in silico computer software. <i>Molecular Biology</i> , 2010, 44, 317-325.	1.3	4
39	Structural Alterations in Human Fibroblast Growth Factor Receptors in Carcinogenesis. <i>Biochemistry (Moscow)</i> , 2018, 83, 930-943.	1.5	4
40	Spectrum and Frequencies of RB1 Structural Defects in Retinoblastoma. <i>Molecular Biology</i> , 2002, 36, 487-492.	1.3	3
41	The Association of NAT2 Polymorphisms with Sporadic Breast Cancer. <i>Molecular Biology</i> , 2004, 38, 383-387.	1.3	3
42	Molecular Analysis of Structural Abnormalities in Papillary Thyroid Carcinoma Genome. <i>Molecular Biology</i> , 2004, 38, 538-548.	1.3	3
43	Molecular genetic analysis of the intratumoral clonal heterogeneity of colorectal adenocarcinomas. <i>Molecular Biology</i> , 2008, 42, 925-931.	1.3	3
44	Some molecular-genetic markers defining the pathogenesis of superficial and invasive bladder cancer. <i>Molecular Biology</i> , 2011, 45, 929-932.	1.3	3
45	Analysis of Polymorphic Variants of Gene GIPC1 CGG Repeats in Healthy Individuals and in Patients with Breast Cancer and Non-Small Cell Lung Cancer. <i>Russian Journal of Genetics</i> , 2005, 41, 1059-1062.	0.6	2
46	Molecular pathology of the 10q23.3-26.3 chromosome region in glioblastoma. <i>Annals of Oncology</i> , 2016, 27, vi41.	1.2	2
47	Multiple Chromoanasythesis in a Rare Case of Sporadic Renal Leiomyosarcoma: A Case Report. <i>Frontiers in Oncology</i> , 2020, 10, 1653.	2.8	2
48	Overexpression of STAT4 at early stages of mycosis fungoides: Coincidence or not?. <i>Australasian Journal of Dermatology</i> , 2021, 62, e119-e120.	0.7	2
49	Allelic Polymorphism of the Five X-Linked (CA) n Dinucleotide Repeats in Russia. <i>Russian Journal of Genetics</i> , 2003, 39, 351-355.	0.6	1
50	TNR/11q#1 Trinucleotide (GCC)n Repeat Alleles and Predisposition to Acute and Chronic Leukemia. <i>Annals of Human Genetics</i> , 2004, 68, 362-366.	0.8	1
51	DNA polymorphisms of several genes and predisposition to breast cancer. <i>Breast Cancer Research</i> , 2005, 7, 1.	5.0	1
52	Analysis of SYT/SSX1 and SYT/SSX2 fusion genes in synovial sarcoma. <i>Molecular Biology</i> , 2011, 45, 774-779.	1.3	1
53	Localization of point mutations in the coding part of the VHL gene in clear cell renal cancer. <i>Molecular Biology</i> , 2012, 46, 65-74.	1.3	1
54	Allelic imbalance of 17p13.1 (TP53), 1p36.1 (RUNX3), and 16p22 (CDH1) loci and microsatellite instability in gastric cancer. <i>Molecular Biology</i> , 2013, 47, 727-732.	1.3	1

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55	Hormone resistance and neuroendocrine differentiation due to accumulation of genetic lesions during clonal evolution of prostate cancer. <i>Molecular Biology</i> , 2016, 50, 28-36.	1.3	1
56	Evolution of cancer DNA methylotyping. <i>Epigenomics</i> , 2019, 11, 857-859.	2.1	1
57	Epigenetic Regulation Disturbances on Gene Expression in Imprinting Diseases. <i>Molecular Biology</i> , 2022, 56, 1-28.	1.3	1
58	Methylation profiling of carcinogenesis-associated genes in sporadic breast cancer. <i>Breast Cancer Research</i> , 2005, 7, 1.	5.0	0
59	Fusion genes and transcripts in neoplasia. <i>Molecular Biology</i> , 2011, 45, 728-738.	1.3	0
60	Leukotriene B4 receptors as a therapeutic target for triple-negative breast cancer. <i>Annals of Oncology</i> , 2018, 29, vi26.	1.2	0
61	Molecular genetic mechanisms of influence of laser radiation with 577 nm wavelength in a microimpulse mode on the condition of the retina. <i>Experimental Eye Research</i> , 2019, 185, 107650.	2.6	0
62	Application Areas of Traditional Molecular Genetic Methods and NGS in relation to Hereditary Urological Cancer Diagnosis. <i>Journal of Oncology</i> , 2020, 2020, 1-12.	1.3	0
63	Optimization of the molecular genetics for the diagnosis of early mycosis fungoides. <i>Russian Journal of Skin and Venereal Diseases</i> , 2021, 24, 35-44.	0.2	0