Vladimir I Kashuba

List of Publications by Year in descending order

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129 papers 3,533 citations

126907 33 h-index 53 g-index

129 all docs 129 docs citations

times ranked

129

4020 citing authors

#	Article	IF	CITATIONS
1	The candidate tumor suppressor gene, $\langle i \rangle$ RASSF1A $\langle i \rangle$, from human chromosome 3p21.3 is involved in kidney tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 7504-7509.	7.1	284
2	Cloning of two candidate tumor suppressor genes within a 10 kb region on chromosome 13q14, frequently deleted in chronic lymphocytic leukemia. Oncogene, 1997, 15, 2463-2473.	5.9	177
3	Construction of a 600-kilobase cosmid clone contig and generation of a transcriptional map surrounding the lung cancer tumor suppressor gene (TSG) locus on human chromosome 3p21.3: progress toward the isolation of a lung cancer TSG. Cancer Research, 1996, 56, 1487-92.	0.9	131
4	Discovery of frequent homozygous deletions in chromosome 3p21.3 LUCA and AP20 regions in renal, lung and breast carcinomas. Oncogene, 2004, 23, 5719-5728.	5. 9	102
5	Epigenetic analysis of childhood acute lymphoblastic leukemia. Epigenetics, 2009, 4, 185-193.	2.7	97
6	RBSP3 (HYA22) is a tumor suppressor gene implicated in major epithelial malignancies. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4906-4911.	7.1	88
7	Genetic and epigenetic analysis of non-small cell lung cancer with Notl-microarrays. Epigenetics, 2012, 7, 502-513.	2.7	88
8	Anti-angiogenic and tumor-suppressive roles of candidate tumor-suppressor gene, Fibulin-2, in nasopharyngeal carcinoma. Oncogene, 2012, 31, 728-738.	5.9	85
9	Overexpression of candidate tumor suppressor gene FUS1 isolated from the 3p21.3 homozygous deletion region leads to G1 arrest and growth inhibition of lung cancer cells. Oncogene, 2001, 20, 6258-6262.	5.9	82
10	Inhibition of tumor cell proliferation and motility by fibroblasts is both contact and soluble factor dependent. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17188-17193.	7.1	81
11	Functional Characterization of the Candidate Tumor Suppressor Gene NPRL2/G21 Located in 3p21.3C. Cancer Research, 2004, 64, 6438-6443.	0.9	69
12	Deletion mapping using quantitative real-time PCR identifies two distinct 3p21.3 regions affected in most cervical carcinomas. Oncogene, 2003, 22, 2984-2992.	5.9	61
13	Novel tumor suppressor candidates on chromosome 3 revealed by Notl-microarrays in cervical cancer. Epigenetics, 2013, 8, 409-420.	2.7	61
14	Proteoglycans as potential microenvironmental biomarkers for colon cancer. Cell and Tissue Research, 2015, 361, 833-844.	2.9	61
15	A cosmid and cDNA fine physical map of a human chromosome 13q14 region frequently lost in B-cell chronic lymphocytic leukemia and identification of a new putative tumor suppressor gene, Leu5. FEBS Letters, 1998, 426, 266-270.	2.8	59
16	Inactivation of RASSF1C during in vivo tumor growth identifies it as a tumor suppressor gene. Oncogene, 2004, 23, 5941-5949.	5.9	59
17	Notl subtraction and Notl-specific microarrays to detect copy number and methylation changes in whole genomes. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10724-10729.	7.1	54
18	Human cell lines engineered for tetracycline-regulated expression of tumor suppressor candidate genes from a frequently affected chromosomal region, 3p21. Journal of Gene Medicine, 2002, 4, 397-406.	2.8	54

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19	Epigenetic Alterations of Chromosome 3 Revealed by Notl-Microarrays in Clear Cell Renal Cell Carcinoma. BioMed Research International, 2014, 2014, 1-9.	1.9	53
20	Simultaneous down-regulation of tumor suppressor genes RBSP3/CTDSPL, NPRL2/G21 and RASSF1A in primary non-small cell lung cancer. BMC Cancer, 2010, 10, 75.	2.6	51
21	Down regulation of 3p genes,LTF, SLC38A3 andDRR1, upon growth of human chromosome 3–mouse fibrosarcoma hybrids in severe combined immunodeficiency mice. International Journal of Cancer, 2006, 119, 99-107.	5.1	50
22	An integrated physical and gene map of the 3.5-Mb chromosome 3p21.3 (AP20) region implicated in major human epithelial malignancies. Cancer Research, 2003, 63, 404-12.	0.9	47
23	Tumor Suppressor Function of the SEMA3B Gene in Human Lung and Renal Cancers. PLoS ONE, 2015, 10, e0123369.	2.5	44
24	Increase of Faecal Tryptic Activity Relates to Changes in the Intestinal Microbiome: Analysis of Crohn's Disease with a Multidisciplinary Platform. PLoS ONE, 2013, 8, e66074.	2.5	43
25	High frequency somatic mutations in RASSF1A in nasopharyngeal carcinoma. Cancer Biology and Therapy, 2005, 4, 1116-1122.	3.4	42
26	Identification of Novel Epigenetic Markers of Prostate Cancer by Notl-Microarray Analysis. Disease Markers, 2015, 2015, 1-13.	1.3	41
27	Epstein–Barr virus encoded nuclear protein EBNA-3 binds XAP-2, a protein associated with Hepatitis B virus X antigen. Oncogene, 2000, 19, 1801-1806.	5.9	40
28	Integrin alpha9 (ITGA9) expression and epigenetic silencing in human breast tumors. Cell Adhesion and Migration, 2011, 5, 395-401.	2.7	40
29	High Mutability of the Tumor Suppressor Genes RASSF1 and RBSP3 (CTDSPL) in Cancer. PLoS ONE, 2009, 4, e5231.	2.5	39
30	Notl Linking Clones as a Tool for Joining Physical and Genetic Maps of the Human Genome. Genomics, 1994, 19, 303-309.	2.9	37
31	NotI linking/jumping clones of human chromosome 3: mapping of the TFRC, RAB7 and HAUSP genes to regions rearranged in leukemia and deleted in solid tumors. FEBS Letters, 1997, 419, 181-185.	2.8	37
32	D -Glucuronyl C5-epimerase suppresses small-cell lung cancer cell proliferation in vitro and tumour growth in vivo. British Journal of Cancer, 2011, 105, 74-82.	6.4	37
33	A 3p21.3 region is preferentially eliminated from human chromosome 3/mouse microcell hybrids during tumor growth in SCID mice. , 1997, 18, 200-211.		33
34	HYAL1 and HYAL2 Inhibit Tumour Growth In Vivo but Not In Vitro. PLoS ONE, 2008, 3, e3031.	2.5	33
35	New strategy for mapping the human genome based on a novel procedure for construction of jumping libraries. Genomics, 1991, 11, 1030-1039.	2.9	31
36	Construction of Representative Notl Linking Libraries Specific for the Total Human Genome and for Human Chromosome 3. Genomics, 1994, 20, 312-316.	2.9	31

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37	Analysis of Notl linking clones isolated from human chromosome 3 specific libraries. Gene, 1999, 239, 259-271.	2.2	31
38	hUNC93B1: a novel human gene representing a new gene family and encoding an unc-93-like protein. Gene, 2002, 283, 209-217.	2.2	30
39	Notl Microarrays: Novel Epigenetic Markers for Early Detection and Prognosis of High Grade Serous Ovarian Cancer. International Journal of Molecular Sciences, 2012, 13, 13352-13377.	4.1	30
40	RhoA knockout fibroblasts lose tumor-inhibitory capacity in vitro and promote tumor growth in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1413-E1421.	7.1	30
41	Alterations of the WNT7A Gene in Clear Cell Renal Cell Carcinomas. PLoS ONE, 2012, 7, e47012.	2.5	29
42	A group of notl jumping and linking clones cover 2.5 Mb in the 3p21–p22 region suspected to contain a tumor suppressor gene. Cancer Genetics and Cytogenetics, 1995, 81, 144-150.	1.0	27
43	Human chromosome 3: high-resolution fluorescencein situ hybridization mapping of 40 uniqueNotl linking clones homologous to genes and cDNAs. Chromosome Research, 1996, 4, 443-447.	2.2	27
44	The architecture of fibroblast monolayers of different origin differentially influences tumor cell growth. International Journal of Cancer, 2012, 131, 2274-2283.	5.1	27
45	Epstein-Barr virus encoded nuclear protein EBNA-3 binds a novel human uridine kinase/uracil phosphoribosyltransferase. BMC Cell Biology, 2002, 3, 23.	3.0	26
46	Downregulation of RBSP3/CTDSPL, NPRL2/G21, RASSF1A, ITGA9, HYAL1, and HYAL2 in non-small cell lung cancer. Molecular Biology, 2008, 42, 859-869.	1.3	26
47	Notl clones in the analysis of the human genome. Nucleic Acids Research, 2000, 28, 1635-1639.	14.5	25
48	LRRC3B gene is frequently epigenetically inactivated in several epithelial malignancies and inhibits cell growth and replication. Biochimie, 2012, 94, 1151-1157.	2.6	25
49	Cloning of breakpoints in 3q21 associated with hematologic malignancy. Cancer Genetics and Cytogenetics, 1995, 80, 1-8.	1.0	24
50	Shot-Gun Sequencing Strategy for Long-Range Genome Mapping: A Pilot Study. Genomics, 1994, 21, 495-500.	2.9	21
51	MRPS18–2 protein immortalizes primary rat embryonic fibroblasts and endows them with stem cell-like properties. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19866-19871.	7.1	21
52	Antiproliferative effect of D-glucuronyl C5-epimerase in human breast cancer cells. Cancer Cell International, 2010, 10, 27.	4.1	21
53	Ancient permafrost staphylococci carry antibiotic resistance genes. Microbial Ecology in Health and Disease, 2017, 28, 1345574.	3.5	21
54	Notl flanking sequences: a tool for gene discovery and verification of the human genome. Nucleic Acids Research, 2002, 30, 3163-3170.	14.5	20

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55	Imaging Technique for the Screening of Proteinâ [^] Protein Interactions Using Scattered Light under Surface Plasmon Resonance Conditions. Analytical Chemistry, 2007, 79, 1349-1355.	6.5	20
56	Altered expression of cytochrome P450 enzymes involved in metabolism of androgens and vitamin D in the prostate as a risk factor for prostate cancer. Pharmacological Reports, 2020, 72, 1161-1172.	3.3	20
57	Assignment $<$ footref rid="foot01" $> <$ sup $> 1 <$ sup $> <$ footref $>$ of the GPR14 gene coding for the G-protein-coupled receptor 14 to human chromosome 17q25.3 by fluorescent in situ hybridization. Cytogenetic and Genome Research, 2000, 88, 312-313.	1.1	19
58	Tissue-specificity of heparan sulfate biosynthetic machinery in cancer. Cell Adhesion and Migration, 2015, 9, 452-459.	2.7	19
59	Cell stemness is maintained upon concurrent expression of RB and the mitochondrial ribosomal protein S18-2. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15673-15683.	7.1	19
60	Integrin $\hat{l}\pm 9$ gene promoter is hypermethylated and downregulated in nasopharyngeal carcinoma. Oncotarget, 2015, 6, 31493-31507.	1.8	19
61	New Tumor Suppressor Genes in Hot Spots of Human Chromosome 3: New Methods of Identification. Molecular Biology, 2003, 37, 170-185.	1.3	18
62	Localization of human ARF2 and NCK genes and 13 other <i>Not</i> linking clones to chromosome 3 by fluorescence in situ hybridization. Cytogenetic and Genome Research, 1995, 68, 91-94.	1.1	17
63	Use of Notl microarrays in analysis of epigenetic and structural changes in epithelial tumor genomes by the example of human chromosome 3. Molecular Biology, 2009, 43, 313-320.	1.3	17
64	Somatic Cell Hybrid Panel and Notl Linking Clones for Physical Mapping of Human Chromosome 3. Genomics, 1994, 20, 105-113.	2.9	16
65	Eukaryotic expression of enzymatically active human immunodeficiency virus type 1 reverse transcriptase. FEBS Letters, 1999, 447, 232-236.	2.8	16
66	NotI passporting to identify species composition of complex microbial systems. Nucleic Acids Research, 2003, 31, 5e-5.	14.5	16
67	d-glucuronyl C5-epimerase cell type specifically affects angiogenesis pathway in different prostate cancer cells. Tumor Biology, 2014, 35, 3237-3245.	1.8	16
68	Methylation pattern of the putative tumor-suppressor gene LRRC3B promoter in clear cell renal cell carcinomas. Molecular Medicine Reports, 2011, 5, 509-12.	2.4	15
69	The MRPS18-2 protein levels correlate with prostate tumor progression and it induces CXCR4-dependent migration of cancer cells. Scientific Reports, 2018, 8, 2268.	3.3	15
70	ABERRANT EXPRESSION OF SELENIUM-CONTAINING GLUTATHIONE PEROXIDASES IN CLEAR CELL RENAL CELL CARCINOMAS. Experimental Oncology, 2015, 37, 105-110.	0.1	15
71	Alu-PCR Approach to Isolating Notl-Linking Clones from the 3p14-p21 Region Frequently Deleted in Renal Cell Carcinoma. Genomics, 1993, 16, 713-719.	2.9	14
72	Isolation and chromosomal localization of a new human retinoblastoma binding protein 2 homologue 1a (RBBP2H1A). European Journal of Human Genetics, 2000, 8, 407-413.	2.8	14

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73	Stem cell gene expression in MRPS18-2-immortalized rat embryonic fibroblasts. Cell Death and Disease, 2012, 3, e357-e357.	6.3	14
74	Prostate cancer cells specifically reorganize epithelial cell-fibroblast communication through proteoglycan and junction pathways. Cell Adhesion and Migration, 2017, 11, 39-53.	2.7	14
75	Gene immunization may induce secondary antibodies reacting with DNA. Vaccine, 2004, 22, 1576-1585.	3.8	13
76	miRNA-218 contributes to the regulation of D-glucuronyl C5-epimerase expression in normal and tumor breast tissues. Epigenetics, 2012, 7, 1109-1114.	2.7	13
77	S18 family of mitochondrial ribosomal proteins: evolutionary history and Gly132 polymorphism in colon carcinoma. Oncotarget, 2016, 7, 55649-55662.	1.8	13
78	Expression of epithelial-mesenchymal transition-related genes in prostate tumours. Biopolymers and Cell, 2017, 33, 335-355.	0.4	13
79	Identification of new tumor suppressor genes based on in vivo functional inactivation of a candidate gene. FEBS Letters, 1999, 451, 289-294.	2.8	12
80	Human chromosome 3: integration of 60 <i>Not</i> l clones into a physical and gene map. Cytogenetic and Genome Research, 2002, 98, 177-183.	1.1	12
81	Restriction site tagged (RST) microarrays: a novel technique to study the species composition of complex microbial systems. Nucleic Acids Research, 2003, 31, 95e-95.	14.5	12
82	Heterogeneity of <scp>d</scp> â€glucuronyl C5â€epimerase expression and epigenetic regulation in prostate cancer. Cancer Medicine, 2013, 2, 654-661.	2.8	12
83	Mapping of a new MAP kinase activated protein kinase gene (3PK) to human chromosome band 3p21.2 and ordering of 3PK and two cosmid markers in the 3p22†p21 tumour-suppressor region by two-colour fluorescencein situ hybridization. Chromosome Research, 1996, 4, 310-313.	2.2	11
84	The TCF4/ \hat{l}^2 -catenin pathway and chromatin structure cooperate to regulate D-glucuronyl C5-epimerase expression in breast cancer. Epigenetics, 2012, 7, 930-939.	2.7	11
85	Confrontation of fibroblasts with cancer cells in vitro: gene network analysis of transcriptome changes and differential capacity to inhibit tumor growth. Journal of Experimental and Clinical Cancer Research, 2015, 34, 62.	8.6	11
86	Human NRG3 gene Map position 10q22-q23. Chromosome Research, 2000, 8, 560-560.	2.2	10
87	Initial isolation and analysis of the human Kv1.7 (KCNA7) gene, a member of the voltage-gated potassium channel gene family. Gene, 2001, 268, 115-122.	2.2	10
88	A new approach to genome mapping and sequencing: slalom libraries. Nucleic Acids Research, 2002, 30, 6e-6.	14.5	10
89	Cloning and Initial Functional Characterization of Mlk4 \hat{l}_{\pm} and Mlk4 \hat{l}_{\pm} . Genomics Insights, 2011, 4, GEI.S6092.	3.0	10
90	Imaging of Plasmid DNA Microarrays by Scattering Light Under Surface Plasmon Resonance Conditions. Sensor Letters, 2008, 6, 705-713.	0.4	10

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91	Rapid Mapping of Notl Linking Clones with Differential Hybridization and Alu-PCR. Genomics, 1994, 21, 486-489.	2.9	9
92	Dietary lipids and environmental xenobiotics as risk factors for prostate cancer: The role of cytochrome P450. Pharmacological Reports, 2019, 71, 826-832.	3.3	9
93	The nucleotide sequence ofenvgene of duck-cells adapted Rous sarcoma virus. Nucleic Acids Research, 1989, 17, 6389-6389.	14.5	8
94	A 3p21.3 region is preferentially eliminated from human chromosome 3/mouse microcell hybrids during tumor growth in SCID mice. Genes Chromosomes and Cancer, 1997, 18, 200-11.	2.8	8
95	Aberrant expression of selenium-containing glutathione peroxidases in clear cell renal cell carcinomas. Experimental Oncology, 2015, 37, 105-10.	0.1	8
96	bcl-2 rearrangement detected by pulsed-field gel electrophoresis (PFGE) in B-chronic lymphocytic leukemia (CLL) cells., 1998, 76, 909-912.		6
97	Cloning of Deleted Sequences (CODE): A Genomic Subtraction Method for Enriching and Cloning Deleted Sequences. BioTechniques, 2001, 31, 788-793.	1.8	6
98	Genetic and epigenetic changes of GPX1 and GPX3 in human clear-cell renal cell carcinoma. Biopolymers and Cell, 2013, 29, 395-401.	0.4	6
99	Interaction of two tumor suppressors: Phosphatase CTDSPL and Rb protein. Molecular Biology, 2016, 50, 438-441.	1.3	6
100	Identification of chromosome 3 epigenetic and genetic abnormalities and gene expression changes in ovarian cancer. Biopolymers and Cell, 2008, 24, 323-332.	0.4	6
101	The nucleotide sequence of the region ofsrcgene deletion in transformation-defective Rous sarcoma virus adapted to semi-permissive host cells. Nucleic Acids Research, 1989, 17, 3294-3294.	14.5	5
102	Characterization of a new SNP c767A/T (Arg222Trp) in the candidate TSG FUS2 on human chromosome 3p21.3: prevalence in Asian populations and analysis of association with nasopharyngeal cancer. Molecular and Cellular Probes, 2004, 18, 39-44.	2.1	5
103	Complexes of Oligoribonucleotides with d-Mannitol Modulate the Innate Immune Response to Influenza A Virus H1N1 (A/FM/1/47) In Vivo. Pharmaceuticals, 2018, 11, 73.	3.8	5
104	The nucleotide sequence of the region of sre gene deletion in transformation-defective Rous sarcoma virus adapted to semi-permissive host cells. Nucleic Acids Research, 1989, 17, 2120-2120.	14.5	4
105	Human ALY/BEF gene Map position 17q25.3. Chromosome Research, 2000, 8, 562-562.	2.2	4
106	Novel epigenetic markers of early epithelial tumor growth and prognosis. Biopolymers and Cell, 2013, 29, 215-220.	0.4	4
107	Comparative analysis of epigenetic markers in plasma and tissue of patients with colorectal cancer. Biopolymers and Cell, 2014, 30, 129-134.	0.4	4
108	Nucleotide sequence of LTR-gag region of Rous sarcoma virus adapted to semi-permissive host. Nucleic Acids Research, 1990, 18, 5552-5552.	14.5	3

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109	Human HRK gene maps to position 12q13.1. Chromosome Research, 2000, 8, 656-656.	2.2	3
110	Draft Genome Sequence of Bacillus cereus Strain F, Isolated from Ancient Permafrost. Genome Announcements, 2013, 1, .	0.8	3
111	Search for genes – potential markers of aggressiveness and metastasis for human prostate cancer. Biopolymers and Cell, 2013, 29, 499-505.	0.4	3
112	6â€gene promoter methylation assay is potentially applicable for prostate cancer clinical staging based on urine collection following prostatic massage. Oncology Letters, 2019, 18, 6917-6925.	1.8	3
113	PPM1M and PRICKLE2 are potential tumor suppressor genes in human clear-cell renal cell carcinoma. Biopolymers and Cell, 2014, 30, 229-233.	0.4	3
114	Human COP9 subunit 8 homolog gene SGN8 Map position 2q37. Chromosome Research, 2000, 8, 559-559.	2.2	2
115	Human SS13 gene Map position 17q25.3. Chromosome Research, 2000, 8, 561-561.	2.2	2
116	hUNC-93B1, a novel gene mainly expressed in the heart, is related to left ventricular diastolic function, heart failure morbidity and mortality in elderly men. European Journal of Heart Failure, 2005, 7, 958-965.	7.1	2
117	Mouse embryonic fibroblasts expressing IFN& beta; or IL-21 inhibit proliferation of melanoma cells in vitro. Biopolymers and Cell, 2016, 32, 433-441.	0.4	2
118	A micro-dissection approach for isolation of Notl linking clones from regions frequently deleted in RCC and SCLC. Genetic Analysis, Techniques and Applications, 1997, 14, 21-23.	1.5	1
119	Heterozygous deletions are main cause of expression alterations of PPM1M and PRICLE2 genes in human clear cell renal cell carcinomas. Biopolymers and Cell, 2015, 31, 29-33.	0.4	1
120	Analysis of Aurora kinases genes expression points on their distinct roles in prostate cancer development. Ukrainian Biochemical Journal, 2019, 91, 15-26.	0.5	1
121	Isolation, expression analysis and chromosomal mapping of a novel human kinase gene MLK4. Biopolymers and Cell, 2001, 17, 302-307.	0.4	1
122	A new retroviral vector system based on the duck-adapted variant of Pr-RSV-C with the extended host ranger. Biopolymers and Cell, 1997, 13, 408-415.	0.4	1
123	Env gene of new transformation-defective Rous sarcoma virus variant. Nucleic Acids Research, 1990, 18, 5895-5895.	14.5	0
124	Formamide and glycerol in sequencing of GC-rich DNA. Biopolymers and Cell, 2001, 17, 253-255.	0.4	0
125	Characterization of a novel human gene hUNC93. Biopolymers and Cell, 2001, 17, 423-427.	0.4	0
126	New packaging cells based on the: adapted variant of the Rous sarcoma virus. Biopolymers and Cell, 1999, 15, 67-74.	0.4	0

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127	Aberrant expression of metallothioneins in clear cell renal cell carcinomas. Biopolymers and Cell, 2015, 31, 459-465.	0.4	0
128	Extreme evolutionary stability of conserved non-protein coding element of baculovirus genome. Biopolymers and Cell, 2016, 32, 131-139.	0.4	0
129	Functional complementation of a conserved non protein-coding element (CNE) of Autographa californica multiple nucleopolyhedrovirus by heterologous CNE originating from Malacosoma neustria nucleopolyhedrovirus. Biopolymers and Cell, 2016, 32, 173-178.	0.4	0