Aristotelis Tsirigos

List of Publications by Year
in descending order

147 papers	17,308 citations	23544 58 h-index	16636 123 g-index
173 all docs	173 docs citations	173 times ranked	28430 citing authors

#	Article	IF	Citations
1	Combined Inhibition of SHP2 and CXCR1/2 Promotes Antitumor T-cell Response in NSCLC. Cancer Discovery, 2022, 12, 47-61.	7.7	58
2	Deep Learning and Pathomics Analyses Reveal Cell Nuclei as Important Features for Mutation Prediction of BRAF-Mutated Melanomas. Journal of Investigative Dermatology, 2022, 142, 1650-1658.e6.	0.3	22
3	SF3B1 homeostasis is critical for survival and therapeutic response in T cell leukemia. Science Advances, 2022, 8, eabj8357.	4.7	16
4	CRISPR and biochemical screens identify MAZ as a cofactor in CTCF-mediated insulation at Hox clusters. Nature Genetics, 2022, 54, 202-212.	9.4	37
5	Valine tRNA levels and availability regulate complex I assembly in leukaemia. Nature, 2022, 601, 428-433.	13.7	34
6	Co-targeting of BAX and BCL-XL proteins broadly overcomes resistance to apoptosis in cancer. Nature Communications, 2022, 13, 1199.	5.8	66
7	Investigation of Global Gene Expression of Human Blastocysts Diagnosed as Mosaic using Next-generation Sequencing. Reproductive Sciences, 2022, 29, 1597-1607.	1.1	5
8	Clonal lineage tracing reveals shared origin of conventional and plasmacytoid dendritic cells. Immunity, 2022, 55, 405-422.e11.	6.6	37
9	Altered BAF occupancy and transcription factor dynamics in PBAF-deficient melanoma. Cell Reports, 2022, 39, 110637.	2.9	12
10	Ontogeny and Vulnerabilities of Drug-Tolerant Persisters in HER2+ Breast Cancer. Cancer Discovery, 2022, 12, 1022-1045.	7.7	43
11	The histone demethylase PHF8 regulates TGFÎ² signaling and promotes melanoma metastasis. Science Advances, 2022, 8, eabi7127.	4.7	17
12	Apolipoprotein E4 Effects a Distinct Transcriptomic Profile and Dendritic Arbor Characteristics in Hippocampal Neurons Cultured in vitro. Frontiers in Aging Neuroscience, 2022, 14, 845291.	1.7	2
13	Machine Learning: A Tool toÂShape theÂFuture ofÂMedicine. Studies in Big Data, 2022, , 177-218.	0.8	2
14	Interleukin-17 governs hypoxic adaptation of injured epithelium. Science, 2022, 377, .	6.0	75
15	DNA Methylation Profiling Identifies Subgroups of Lung Adenocarcinoma with Distinct Immune Cell Composition, DNA Methylation Age, and Clinical Outcome. Clinical Cancer Research, 2022, 28, 3824-3835.	3.2	6
16	Modulating mitofusins to control mitochondrial function and signaling. Nature Communications, 2022, 13, .	5.8	31
17	Using Machine Learning Algorithms to Predict Immunotherapy Response in Patients with Advanced Melanoma. Clinical Cancer Research, 2021, 27, 131-140.	3.2	93
18	Lower Airway Dysbiosis Affects Lung Cancer Progression. Cancer Discovery, 2021, 11, 293-307.	7.7	139

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19	Histone H1 loss drives lymphoma by disrupting 3D chromatin architecture. Nature, 2021, 589, 299-305.	13.7	155
20	Somatic Focal Copy Number Gains of Noncoding Regions of Receptor Tyrosine Kinase Genes in Treatment-Resistant Epilepsy. Journal of Neuropathology and Experimental Neurology, 2021, 80, 160-168.	0.9	7
21	Effects of Image Quantity and Image Source Variation on Machine Learning Histology Differential Diagnosis Models. Journal of Pathology Informatics, 2021, 12, 5.	0.8	9
22	Distinct Transcriptomic Profiles in the Dorsal Hippocampus and Prelimbic Cortex Are Transiently Regulated following Episodic Learning. Journal of Neuroscience, 2021, 41, 2601-2614.	1.7	13
23	Autoantibody-mediated impairment of DNASE1L3 activity in sporadic systemic lupus erythematosus. Journal of Experimental Medicine, 2021, 218, .	4.2	61
24	H3K27ac bookmarking promotes rapid post-mitotic activation of the pluripotent stem cell program without impacting 3D chromatin reorganization. Molecular Cell, 2021, 81, 1732-1748.e8.	4.5	60
25	Regulatory T-cell Transcriptomic Reprogramming Characterizes Adverse Events by Checkpoint Inhibitors in Solid Tumors. Cancer Immunology Research, 2021, 9, 726-734.	1.6	19
26	Surface antigen-guided CRISPR screens identify regulators of myeloid leukemia differentiation. Cell Stem Cell, 2021, 28, 718-731.e6.	5.2	38
27	ULK1 inhibition overcomes compromised antigen presentation and restores antitumor immunity in LKB1-mutant lung cancer. Nature Cancer, 2021, 2, 503-514.	5.7	72
28	HEAL: an automated deep learning framework for cancer histopathology image analysis. Bioinformatics, 2021, 37, 4291-4295.	1.8	18
29	Targeting the Atf7ip–Setdb1 Complex Augments Antitumor Immunity by Boosting Tumor Immunogenicity. Cancer Immunology Research, 2021, 9, 1298-1315.	1.6	18
30	Smc3 dosage regulates B cell transit through germinal centers and restricts their malignant transformation. Nature Immunology, 2021, 22, 240-253.	7.0	24
31	Assessing Drug Development Risk Using Big Data and Machine Learning. Cancer Research, 2021, 81, 816-819.	0.4	5
32	A bipartite element with allele-specific functions safeguards DNA methylation imprints at the Dlk1-Dio3 locus. Developmental Cell, 2021, 56, 3052-3065.e5.	3.1	14
33	Selective STAT3 Degraders Dissect Peripheral T-Cell Lymphomas Vulnerabilities Empowering Personalized Regimens. Blood, 2021, 138, 865-865.	0.6	0
34	Multiomic Mapping of Copy Number and Structural Variation on Chromosome 1 (Chr1) Highlights Multiple Recurrent Disease Drivers. Blood, 2021, 138, 721-721.	0.6	0
35	A recurrent chromosomal inversion suffices for driving escape from oncogene-induced senescence via subTAD reorganization. Molecular Cell, 2021, 81, 4907-4923.e8.	4.5	28
36	*In Vivo* Epigenetic CRISPR Screen Identifies *Asf1a* as an Immunotherapeutic Target in *Kras*-Mutant Lung Adenocarcinoma. Cancer Discovery, 2020, 10, 270-287.	7.7	129

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37	An intrinsic role of IL-33 in Treg cell–mediated tumor immunoevasion. Nature Immunology, 2020, 21, 75-85.	7.0	82
38	Evolution of the Epigenetic Landscape in Childhood B Acute Lymphoblastic Leukemia and Its Role in Drug Resistance. Cancer Research, 2020, 80, 5189-5202.	0.4	9
39	Muscle progenitor specification and myogenic differentiation are associated with changes in chromatin topology. Nature Communications, 2020, 11, 6222.	5.8	28
40	Deep learning links histology, molecular signatures and prognosis in cancer. Nature Cancer, 2020, 1, 755-757.	5.7	31
41	Epigenetic silencing of the ubiquitin ligase subunit FBXL7 impairs c-SRC degradation and promotes epithelial-to-mesenchymal transition and metastasis. Nature Cell Biology, 2020, 22, 1130-1142.	4.6	28
42	Context-Dependent Requirement of Euchromatic Histone Methyltransferase Activity during Reprogramming to Pluripotency. Stem Cell Reports, 2020, 15, 1233-1245.	2.3	7
43	Defining the relative and combined contribution of CTCF and CTCFL to genomic regulation. Genome Biology, 2020, 21, 108.	3.8	37
44	The NSD2 p.E1099K Mutation Is Enriched at Relapse and Confers Drug Resistance in a Cell Context–Dependent Manner in Pediatric Acute Lymphoblastic Leukemia. Molecular Cancer Research, 2020, 18, 1153-1165.	1.5	20
45	Extensive Remodeling of the Immune Microenvironment in B Cell Acute Lymphoblastic Leukemia. Cancer Cell, 2020, 37, 867-882.e12.	7.7	108
46	137 Decreased cytotoxic T cells, decreased cytotoxic/regulatory T-cell ratio, and decreased TCR clonality are associated with increased numbers of primary cutaneous squamous cell carcinomas in solid organ transplant recipients. Journal of Investigative Dermatology, 2020, 140, S16.	0.3	0
47	Three-dimensional chromatin landscapes in T cell acute lymphoblastic leukemia. Nature Genetics, 2020, 52, 388-400.	9.4	118
48	Decreased cytotoxic T cells and TCR clonality in organ transplant recipients with squamous cell carcinoma. Npj Precision Oncology, 2020, 4, 13.	2.3	20
49	On Epigenetic Plasticity and Genome Topology. Trends in Cancer, 2020, 6, 177-180.	3.8	4
50	Epigenetic Silencing of CDR1as Drives IGF2BP3-Mediated Melanoma Invasion and Metastasis. Cancer Cell, 2020, 37, 55-70.e15.	7.7	200
51	LncRNA RP11-19E11 is an E2F1 target required for proliferation and survival of basal breast cancer. Npj Breast Cancer, 2020, 6, 1.	2.3	47
52	Posttranslational Regulation of the Exon Skipping Machinery Controls Aberrant Splicing in Leukemia. Cancer Discovery, 2020, 10, 1388-1409.	7.7	37
53	Dissecting the immunosuppressive tumor microenvironments in Glioblastoma-on-a-Chip for optimized PD-1 immunotherapy. ELife, 2020, 9, .	2.8	81
54	Abstract 5399: The NSD2 p.E1099K mutation is enriched at relapse and confers drug resistance in a cell context dependent manner in pediatric acute lymphoblastic leukemia. , 2020, , .		1

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55	3D Chromosomal Landscapes in Hematopoiesis and Immunity. Trends in Immunology, 2019, 40, 809-824.	2.9	21
56	The E3 ubiquitin ligase SPOP controls resolution of systemic inflammation by triggering MYD88 degradation. Nature Immunology, 2019, 20, 1196-1207.	7.0	42
57	Machine learning and data mining frameworks for predicting drug response in cancer: An overview and a novel in silico screening process based on association rule mining. , 2019, 203, 107395.		76
58	Molecular and metabolic pathways mediating curative treatment of a non-Hodgkin B cell lymphoma by Sindbis viral vectors and anti-4-1BB monoclonal antibody. , 2019, 7, 185.		16
59	2029 - THE RELAPSED B-CELL ACUTE LYMPHOBLASTIC LEUKAEMIA IMMUNE MICROENVIRONMENT. Experimental Hematology, 2019, 76, S49.	0.2	0
60	RNA Interactions Are Essential for CTCF-Mediated Genome Organization. Molecular Cell, 2019, 76, 412-422.e5.	4.5	183
61	135 Defining the T cell landscape and neoantigens via T-cell receptor sequencing and gene expression profiling in cutaneous squamous cell carcinoma. Journal of Investigative Dermatology, 2019, 139, S24.	0.3	0
62	KLF4 is involved in the organization and regulation of pluripotency-associated three-dimensional enhancer networks. Nature Cell Biology, 2019, 21, 1179-1190.	4.6	122
63	Draft Genome Sequence of Streptococcus halitosis sp. nov., Isolated from the Dorsal Surface of the Tongue of a Patient with Halitosis. Microbiology Resource Announcements, 2019, 8, .	0.3	5
64	Nrf2 Activation Promotes Lung Cancer Metastasis by Inhibiting the Degradation of Bach1. Cell, 2019, 178, 316-329.e18.	13.5	385
65	Targeting Mitochondrial Structure Sensitizes Acute Myeloid Leukemia to Venetoclax Treatment. Cancer Discovery, 2019, 9, 890-909.	7.7	186
66	The bone marrow microenvironment at single-cell resolution. Nature, 2019, 569, 222-228.	13.7	624
67	Functional and topographic effects on DNA methylation in IDH1/2 mutant cancers. Scientific Reports, 2019, 9, 16830.	1.6	29
68	NSD2 overexpression drives clustered chromatin and transcriptional changes in a subset of insulated domains. Nature Communications, 2019, 10, 4843.	5.8	57
69	A Deep Learning Framework for Predicting Response to Therapy in Cancer. Cell Reports, 2019, 29, 3367-3373.e4.	2.9	137
70	GCN2 drives macrophage and MDSC function and immunosuppression in the tumor microenvironment. Science Immunology, 2019, 4, .	5.6	85
71	Cell Surface Notch Ligand DLL3 is a Therapeutic Target in Isocitrate Dehydrogenaseâ€"mutant Glioma. Clinical Cancer Research, 2019, 25, 1261-1271.	3.2	50
72	Axon TRAP reveals learning-associated alterations in cortical axonal mRNAs in the lateral amygdala. ELife, 2019, 8, .	2.8	54

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73	Platelet Transcriptome Profiling in HIV and ATP-Binding Cassette Subfamily C Member 4 (ABCC4) as a Mediator of Platelet Activity. JACC Basic To Translational Science, 2018, 3, 9-22.	1.9	28
74	Stratification of TAD boundaries reveals preferential insulation of super-enhancers by strong boundaries. Nature Communications, 2018, 9, 542.	5.8	112
75	*Staphylococcus aureus* Responds to the Central Metabolite Pyruvate To Regulate Virulence. MBio, 2018, 9, .	1.8	69
76	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	13.7	1,872
77	KLF4, A Gene Regulating Prostate Stem Cell Homeostasis, Is a Barrier to Malignant Progression and Predictor of Good Prognosis in Prostate Cancer. Cell Reports, 2018, 25, 3006-3020.e7.	2.9	22
78	Human blastocysts of normal and abnormal karyotypes display distinct transcriptome profiles. Scientific Reports, 2018, 8, 14906.	1.6	29
79	P1.09-32 Classification and Mutation Prediction from Non-Small Cell Lung Cancer Histopathology Images Using Deep Learning. Journal of Thoracic Oncology, 2018, 13, S562.	0.5	14
80	Mosaic blastocysts diagnosed with next generation sequencing (NGS) have unique transcriptomic profiles different from those of euploid or aneuploid embryos. Fertility and Sterility, 2018, 110, e80-e81.	0.5	0
81	Classification and mutation prediction from non–small cell lung cancer histopathology images using deep learning. Nature Medicine, 2018, 24, 1559-1567.	15.2	1,768
82	Prognostic role of elevated mir-24-3p in breast cancer and its association with the metastatic process. Oncotarget, 2018, 9, 12868-12878.	0.8	46
83	Apoptotic cell–induced AhR activity is required for immunological tolerance and suppression of systemic lupus erythematosus in mice and humans. Nature Immunology, 2018, 19, 571-582.	7.0	137
84	ETV1 activates a rapid conduction transcriptional program in rodent and human cardiomyocytes. Scientific Reports, 2018, 8, 9944.	1.6	23
85	Oncogenic hijacking of the stress response machinery in T cell acute lymphoblastic leukemia. Nature Medicine, 2018, 24, 1157-1166.	15.2	63
86	The Transcription Factor Zfx Regulates Peripheral T Cell Self-Renewal and Proliferation. Frontiers in Immunology, 2018, 9, 1482.	2.2	12
87	BET Bromodomain Inhibition Cooperates with PD-1 Blockade to Facilitate Antitumor Response in *Kras*-Mutant Non–Small Cell Lung Cancer. Cancer Immunology Research, 2018, 6, 1234-1245.	1.6	80
88	Airway Microbiota Is Associated with Upregulation of the PI3K Pathway in Lung Cancer. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1188-1198.	2.5	232
89	Notch Signaling Facilitates In Vitro Generation of Cross-Presenting Classical Dendritic Cells. Cell Reports, 2018, 23, 3658-3672.e6.	2.9	151
90	Abstract 5309: Determining EGFR and STK11 mutational status in lung adenocarcinoma histopathology images using deep learning. , 2018, , .		2

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91	Identification of a Whole Blood Signature for Venous Thromboembolism. Blood, 2018, 132, 3809-3809.	0.6	1
92	Opposing functions of H2BK120 ubiquitylation and H3K79 methylation in the regulation of pluripotency by the Paf1 complex. Cell Cycle, 2017, 16, 2315-2322.	1.3	13
93	lncRNA-screen: an interactive platform for computationally screening long non-coding RNAs in large genomics datasets. BMC Genomics, 2017, 18, 434.	1.2	22
94	N-BLR, a primate-specific non-coding transcript leads to colorectal cancer invasion and migration. Genome Biology, 2017, 18, 98.	3.8	97
95	Low-Grade Astrocytoma Mutations in IDH1, P53, and ATRX Cooperate to Block Differentiation of Human Neural Stem Cells via Repression of SOX2. Cell Reports, 2017, 21, 1267-1280.	2.9	95
96	TGF-β-Induced Quiescence Mediates Chemoresistance of Tumor-Propagating Cells in Squamous Cell Carcinoma. Cell Stem Cell, 2017, 21, 650-664.e8.	5.2	119
97	Bacteriophages as potential new mammalian pathogens. Scientific Reports, 2017, 7, 7043.	1.6	94
98	Restoration of TET2 Function Blocks Aberrant Self-Renewal and Leukemia Progression. Cell, 2017, 170, 1079-1095.e20.	13.5	522
99	Complete Genome Sequence of Kluyvera intestini sp. nov., Isolated from the Stomach of a Patient with Gastric Cancer. Genome Announcements, 2017, 5, .	0.8	26
100	HiC-bench: comprehensive and reproducible Hi-C data analysis designed for parameter exploration and benchmarking. BMC Genomics, 2017, 18, 22.	1.2	69
101	H3K27me3 dynamics dictate evolving uterine states in pregnancy and parturition. Journal of Clinical Investigation, 2017, 128, 233-247.	3.9	45
102	Notch signaling regulates metabolic heterogeneity in glioblastoma stem cells. Oncotarget, 2017, 8, 64932-64953.	0.8	58
103	STMC-21. ASTROCYTOMA MUTATIONS IDH1, p53 AND ATRX COOPERATE TO BLOCK DIFFERENTIATION OF NEURAL STEM CELLS VIA Sox2. Neuro-Oncology, 2016, 18, vi187-vi187.	0.6	0
104	MED12 Regulates HSC-Specific Enhancers Independently of Mediator Kinase Activity to Control Hematopoiesis. Cell Stem Cell, 2016, 19, 784-799.	5.2	88
105	Regulation of transcriptional elongation in pluripotency and cell differentiation by the PHD-finger protein Phf5a. Nature Cell Biology, 2016, 18, 1127-1138.	4.6	57
106	Detecting community structures in Hi-C genomic data. , 2016, , .		20
107	Pancreatic β cell identity requires continual repression of non–β cell programs. Journal of Clinical Investigation, 2016, 127, 244-259.	3.9	104
108	FBXW7 modulates cellular stress response and metastatic potential through HSF1 post-translational modification. Nature Cell Biology, 2015, 17, 322-332.	4.6	134

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109	Cohesin loss alters adult hematopoietic stem cell homeostasis, leading to myeloproliferative neoplasms. Journal of Experimental Medicine, 2015, 212, 1833-1850.	4.2	145
110	Cohesin loss alters adult hematopoietic stem cell homeostasis, leading to myeloproliferative neoplasms. Journal of Cell Biology, 2015, 211, 2111OIA225.	2.3	0
111	JNK1 stress signaling is hyper-activated in high breast density and the tumor stroma: Connecting fibrosis, inflammation, and stemness for cancer prevention. Cell Cycle, 2014, 13, 580-599.	1.3	52
112	Combinatorial Modulation of Signaling Pathways Reveals Cell-Type-Specific Requirements for Highly Efficient and Synchronous iPSC Reprogramming. Stem Cell Reports, 2014, 3, 574-584.	2.3	68
113	Control of Embryonic Stem Cell Identity by BRD4-Dependent Transcriptional Elongation of Super-Enhancer-Associated Pluripotency Genes. Cell Reports, 2014, 9, 234-247.	2.9	181
114	SOX2 is a cancer-specific regulator of tumour initiating potential in cutaneous squamous cell carcinoma. Nature Communications, 2014, 5, 4511.	5.8	100
115	Contrasting roles of histone 3 lysine 27 demethylases in acute lymphoblastic leukaemia. Nature, 2014, 514, 513-517.	13.7	340
116	Genome-wide Mapping and Characterization of Notch-Regulated Long Noncoding RNAs in Acute Leukemia. Cell, 2014, 158, 593-606.	13.5	397
117	An Oncogene-Regulated Epigenetic Switch in T Cell Acute Lymphoblastic Leukemia. Blood, 2014, 124, 56-56.	0.6	0
118	Is cancer a metabolic rebellion against host aging? In the quest for immortality, tumor cells try to save themselves by boosting mitochondrial metabolism. Cell Cycle, 2012, 11, 253-263.	1.3	57
119	GenomicTools: an open source platform for developing high-throughput analytics in genomics. , 2012, , 189-220.		0
120	Mitochondria â€œfuelâ€•breast cancer metabolism: Fifteen markers of mitochondrial biogenesis label epithelial cancer cells, but are excluded from adjacent stromal cells. Cell Cycle, 2012, 11, 4390-4401.	1.3	147
121	<i>GenomicTools</i>: a computational platform for developing high-throughput analytics in genomics. Bioinformatics, 2012, 28, 282-283.	1.8	42
122	The milk protein Î±-casein functions as a tumor suppressor via activation of STAT1 signaling, effectively preventing breast cancer tumor growth and metastasis. Cell Cycle, 2012, 11, 3972-3982.	1.3	31
123	Genetic inactivation of the polycomb repressive complex 2 in T cell acute lymphoblastic leukemia. Nature Medicine, 2012, 18, 298-302.	15.2	453
124	Autophagy and senescence in cancer-associated fibroblasts metabolically supports tumor growth and metastasis, via glycolysis and ketone production. Cell Cycle, 2012, 11, 2285-2302.	1.3	209
125	Molecular profiling of a lethal tumor microenvironment, as defined by stromal caveolin-1 status in breast cancers. Cell Cycle, 2011, 10, 1794-1809.	1.3	107
126	OMiR: Identification of associations between OMIM diseases and microRNAs. Genomics, 2011, 97, 71-76.	1.3	14

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127	Hyperactivation of oxidative mitochondrial metabolism in epithelial cancer cells in situ. Cell Cycle, 2011, 10, 4047-4064.	1.3	256
128	Ketones and lactate increase cancer cell "stemness," driving recurrence, metastasis and poor clinical outcome in breast cancer. Cell Cycle, 2011, 10, 1271-1286.	1.3	295
129	A conserved activation element in BMP signaling during Drosophila development. Nature Structural and Molecular Biology, 2010, 17, 69-76.	3.6	88
130	Glycolytic cancer associated fibroblasts promote breast cancer tumor growth, without a measurable increase in angiogenesis: Evidence for stromal-epithelial metabolic coupling. Cell Cycle, 2010, 9, 2412-2422.	1.3	130
131	Understanding the "lethal" drivers of tumor-stroma co-evolution. Cancer Biology and Therapy, 2010, 10, 537-542.	1.5	180
132	Loss of stromal caveolin-1 leads to oxidative stress, mimics hypoxia and drives inflammation in the tumor microenvironment, conferring the "reverse Warburg effect": A transcriptional informatics analysis with validation. Cell Cycle, 2010, 9, 2201-2219.	1.3	212
133	Ketones and lactate "fuel" tumor growth and metastasis. Cell Cycle, 2010, 9, 3506-3514.	1.3	526
134	The autophagic tumor stroma model of cancer or "battery-operated tumor growth": Cell Cycle, 2010, 9, 4297-4306.	1.3	165
135	MicroRNA Target Prediction. Modecular Medicine and Medicinal, 2010, , 237-263.	0.4	4
136	Dynamic changes in the human methylome during differentiation. Genome Research, 2010, 20, 320-331.	2.4	930
137	The autophagic tumor stroma model of cancer. Cell Cycle, 2010, 9, 3485-3505.	1.3	248
138	Transcriptional evidence for the "Reverse Warburg Effect" in human breast cancer tumor stroma and metastasis: Similarities with oxidative stress, inflammation, Alzheimer's disease, and "Neuron-Glia Metabolic Coupling". Aging, 2010, 2, 185-199.	1.4	136
139	Alu and B1 Repeats Have Been Selectively Retained in the Upstream and Intronic Regions of Genes of Specific Functional Classes. PLoS Computational Biology, 2009, 5, e1000610.	1.5	74
140	Anterior-posterior positional information in the absence of a strong Bicoid gradient. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3823-3828.	3.3	87
141	Human and mouse introns are linked to the same processes and functions through each genome's most frequent non-conserved motifs. Nucleic Acids Research, 2008, 36, 3484-3493.	6.5	30
142	Accurate phylogenetic classification of variable-length DNA fragments. Nature Methods, 2007, 4, 63-72.	9.0	524
143	Short blocks from the noncoding parts of the human genome have instances within nearly all known genes and relate to biological processes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6605-6610.	3.3	111
144	A sensitive, support-vector-machine method for the detection of horizontal gene transfers in viral, archaeal and bacterial genomes. Nucleic Acids Research, 2005, 33, 3699-3707.	6.5	59

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145	A new computational method for the detection of horizontal gene transfer events. Nucleic Acids Research, 2005, 33, 922-933.	6.5	82
146	Analysis of Multipath Routingâ€"Part I: The Effect on the Packet Delivery Ratio. IEEE Transactions on Wireless Communications, 2004, 3, 138-146.	6.1	133
147	Analysis of Multipath Routing, Part 2: Mitigation of the Effects of Frequently Changing Network Topologies. IEEE Transactions on Wireless Communications, 2004, 3, 500-511.	6.1	60