

Ancha Baranova

List of Publications by Year in descending order

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Version: 2024-02-01

236
papers

9,297
citations

71102

41
h-index

45317

90
g-index

247
all docs

247
docs citations

247
times ranked

13411
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic review: the epidemiology and natural history of non-alcoholic fatty liver disease and non-alcoholic steatohepatitis in adults. <i>Alimentary Pharmacology and Therapeutics</i> , 2011, 34, 274-285.	3.7	2,569
2	The mammalian pannexin family is homologous to the invertebrate innexin gap junction proteins. <i>Genomics</i> , 2004, 83, 706-716.	2.9	415
3	Adipokines and cytokines in non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2008, 27, 412-421.	3.7	364
4	A Novel Diagnostic Biomarker Panel for Obesity-related Nonalcoholic Steatohepatitis (NASH). <i>Obesity Surgery</i> , 2008, 18, 1430-1437.	2.1	255
5	Non-Invasive markers for hepatic fibrosis. <i>BMC Gastroenterology</i> , 2011, 11, 91.	2.0	236
6	Functional implications of calcium permeability of the channel formed by pannexin 1. <i>Journal of Cell Biology</i> , 2006, 174, 535-546.	5.2	224
7	A genomic and proteomic study of the spectrum of nonalcoholic fatty liver disease. <i>Hepatology</i> , 2005, 42, 665-674.	7.3	209
8	Cloning of two candidate tumor suppressor genes within a 10-kb region on chromosome 13q14, frequently deleted in chronic lymphocytic leukemia. <i>Oncogene</i> , 1997, 15, 2463-2473.	5.9	177
9	The Human T-Box Mesodermal Transcription Factor Brachyury Is a Candidate Target for T-Cell-Mediated Cancer Immunotherapy. <i>Clinical Cancer Research</i> , 2007, 13, 2471-2478.	7.0	150
10	A Biomarker Panel for Non-alcoholic Steatohepatitis (NASH) and NASH-Related Fibrosis. <i>Obesity Surgery</i> , 2011, 21, 431-439.	2.1	143
11	Multi-trait analysis for genome-wide association study of five psychiatric disorders. <i>Translational Psychiatry</i> , 2020, 10, 209.	4.8	132
12	Differential expression of miRNAs in the visceral adipose tissue of patients with non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2010, 32, 487-497.	3.7	126
13	Systematic review: association of polycystic ovary syndrome with metabolic syndrome and non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2011, 33, 801-814.	3.7	122
14	Non-random fragmentation patterns in circulating cell-free DNA reflect epigenetic regulation. <i>BMC Genomics</i> , 2015, 16, S1.	2.8	120
15	Oxidized Extracellular DNA as a Stress Signal in Human Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-12.	4.0	103
16	Hepatic gene expression in patients with obesity-related non-alcoholic steatohepatitis. <i>Liver International</i> , 2005, 25, 760-771.	3.9	100
17	Gene Expression of Leptin, Resistin, and Adiponectin in the White Adipose Tissue of Obese Patients with Non-Alcoholic Fatty Liver Disease and Insulin Resistance. <i>Obesity Surgery</i> , 2006, 16, 1118-1125.	2.1	98
18	Microbiome Responses to an Uncontrolled Short-Term Diet Intervention in the Frame of the Citizen Science Project. <i>Nutrients</i> , 2018, 10, 576.	4.1	96

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19	Validation of endogenous reference genes for qRT-PCR analysis of human visceral adipose samples. <i>BMC Molecular Biology</i> , 2010, 11, 39.	3.0	94
20	What is hidden in the pannexin treasure trove: the sneak peek and the guesswork. <i>Journal of Cellular and Molecular Medicine</i> , 2006, 10, 613-634.	3.6	77
21	Causal influences of neuroticism on mental health and cardiovascular disease. <i>Human Genetics</i> , 2021, 140, 1267-1281.	3.8	71
22	Age-independent rise of inflammatory scores may contribute to accelerated aging in multi-morbidity. <i>Oncotarget</i> , 2015, 6, 1414-1421.	1.8	71
23	Protein partners of <scp>KCTD</scp> proteins provide insights about their functional roles in cell differentiation and vertebrate development. <i>BioEssays</i> , 2013, 35, 586-596.	2.5	70
24	Genetic evidence suggests posttraumatic stress disorder as a subtype of major depressive disorder. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	68
25	Obesity-related Differential Gene Expression in the Visceral Adipose Tissue. <i>Obesity Surgery</i> , 2005, 15, 758-765.	2.1	67
26	A Network-Based Approach to Prioritize Results from Genome-Wide Association Studies. <i>PLoS ONE</i> , 2011, 6, e24220.	2.5	64
27	Lessons from the Ebola Outbreak: Action Items for Emerging Infectious Disease Preparedness and Response. <i>EcoHealth</i> , 2016, 13, 200-212.	2.0	64
28	Impedance Spectroscopy as a Tool for Monitoring Performance in 3D Models of Epithelial Tissues. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 474.	4.1	61
29	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, <i>Leu5</i> . <i>FEBS Letters</i> , 1998, 426, 266-270.	2.8	59
30	Molecular signature of adipose tissue in patients with both Non-Alcoholic Fatty Liver Disease (NAFLD) and Polycystic Ovarian Syndrome (PCOS). <i>Journal of Translational Medicine</i> , 2013, 11, 133.	4.4	59
31	Role of extracellular DNA oxidative modification in radiation induced bystander effects in human endotheliocytes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 729, 52-60.	1.0	54
32	Toward More Transparent and Reproducible Omics Studies Through a Common Metadata Checklist and Data Publications. <i>OMICS A Journal of Integrative Biology</i> , 2014, 18, 10-14.	2.0	54
33	Oxidized extracellular DNA as a stress signal that may modify response to anticancer therapy. <i>Cancer Letters</i> , 2015, 356, 22-33.	7.2	54
34	Gene Expression Patterns in Hepatic Tissue and Visceral Adipose Tissue of Patients with Non-Alcoholic Fatty Liver Disease. <i>Obesity Surgery</i> , 2007, 17, 1111-1118.	2.1	50
35	Evidence for the ectopic synthesis of melanin in human adipose tissue. <i>FASEB Journal</i> , 2009, 23, 835-843.	0.5	49
36	Melanin and melanogenesis in adipose tissue: possible mechanisms for abating oxidative stress and inflammation?. <i>Obesity Reviews</i> , 2011, 12, e21-31.	6.5	49

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37	Association of Obestatin, Ghrelin, and Inflammatory Cytokines in Obese Patients with Non-alcoholic Fatty Liver Disease. <i>Obesity Surgery</i> , 2011, 21, 1750-1757.	2.1	49
38	A systems biology approach to the pathogenesis of obesity-related nonalcoholic fatty liver disease using reverse phase protein microarrays for multiplexed cell signaling analysis. <i>Hepatology</i> , 2007, 46, 166-172.	7.3	48
39	Hepatic Gene Expression of Caucasian and African-American Patients with Obesity-Related Non-Alcoholic Fatty Liver Disease. <i>Obesity Surgery</i> , 2010, 20, 640-650.	2.1	48
40	In silico screening for tumour-specific expressed sequences in human genome. <i>FEBS Letters</i> , 2001, 508, 143-148.	2.8	46
41	Expression of Cytokine Signaling Genes in Morbidly Obese Patients with Non-Alcoholic Steatohepatitis and Hepatic Fibrosis. <i>Obesity Surgery</i> , 2009, 19, 617-624.	2.1	44
42	Early gene expression profiles of patients with chronic hepatitis C treated with pegylated interferon-alfa and ribavirin. <i>Hepatology</i> , 2009, 49, 763-774.	7.3	40
43	Identifying common genome-wide risk genes for major psychiatric traits. <i>Human Genetics</i> , 2020, 139, 185-198.	3.8	40
44	Extracellular DNA oxidation stimulates activation of NRF2 and reduces the production of ROS in human mesenchymal stem cells. <i>Expert Opinion on Biological Therapy</i> , 2012, 12, S85-S97.	3.1	39
45	PPAR γ activation by thiazolidinediones (TZDs) may modulate breast carcinoma outcome: the importance of interplay with TGF β signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2007, 11, 71-87.	3.6	38
46	The future is around the corner: Noninvasive diagnosis of progressive nonalcoholic steatohepatitis. <i>Hepatology</i> , 2008, 47, 373-375.	7.3	37
47	Distinct organization of the candidate tumor suppressor gene RFP2 in human and mouse: multiple mRNA isoforms in both species- and human-specific antisense transcript RFP2OS. <i>Gene</i> , 2003, 321, 103-112.	2.2	35
48	Adipose may actively delay progression of NAFLD by releasing tumor-suppressing, anti-fibrotic miR-122 into circulation. <i>Obesity Reviews</i> , 2019, 20, 108-118.	6.5	35
49	A new human gene KCNKG encoding potassium channel regulating protein is a cancer suppressor gene candidate located in 13q14.3. <i>FEBS Letters</i> , 2003, 539, 156-160.	2.8	34
50	Manipulating molecular switches in brown adipocytes and their precursors: A therapeutic potential. <i>Progress in Lipid Research</i> , 2013, 52, 51-61.	11.6	34
51	Between Lake Baikal and the Baltic Sea: genomic history of the gateway to Europe. <i>BMC Genetics</i> , 2017, 18, 110.	2.7	34
52	Expression of genes for microRNA processing enzymes is altered in advanced non-alcoholic fatty liver disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2013, 28, 1410-1415.	2.8	33
53	Computational genomics at BGRSSB-2016: introductory note. <i>BMC Genomics</i> , 2016, 17, 996.	2.8	33
54	An Exposure to the Oxidized DNA Enhances Both Instability of Genome and Survival in Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e77469.	2.5	33

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55	In vitro and in silico liver models: Current trends, challenges and opportunities. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2018, 35, 397-412.	1.5	32
56	Expression of NALPs in adipose and the fibrotic progression of non-alcoholic fatty liver disease in obese subjects. <i>BMC Gastroenterology</i> , 2014, 14, 208.	2.0	31
57	Genetic mechanisms of COVID-19 and its association with smoking and alcohol consumption. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	31
58	Expression level of lipoprotein lipase and dystrophin genes predict survival in B-cell chronic lymphocytic leukemia. <i>Leukemia and Lymphoma</i> , 2007, 48, 912-922.	1.3	30
59	Computational models in genetics at BGRSSB-2016: introductory note. <i>BMC Genetics</i> , 2016, 17, 155.	2.7	30
60	Tumor Markers: The Potential of “Omics” Approach. <i>Current Molecular Medicine</i> , 2010, 10, 249-257.	1.3	29
61	The role of mitochondrial genomics in patients with non-alcoholic steatohepatitis (NASH). <i>BMC Medical Genetics</i> , 2016, 17, 63.	2.1	29
62	Optogenetic regulation of transcription. <i>BMC Neuroscience</i> , 2018, 19, 12.	1.9	29
63	The Role of Genomics and Proteomics: Technologies in Studying Non-alcoholic Fatty Liver Disease. <i>Clinics in Liver Disease</i> , 2007, 11, 209-220.	2.1	28
64	Nonalcoholic fatty liver disease and bariatric surgery. <i>Expert Review of Gastroenterology and Hepatology</i> , 2012, 6, 163-171.	3.0	27
65	Comparative Sequence Analysis of a Region on Human Chromosome 13q14, Frequently Deleted in B-Cell Chronic Lymphocytic Leukemia, and Its Homologous Region on Mouse Chromosome 14. <i>Genomics</i> , 2000, 70, 327-334.	2.9	26
66	Extracellular GC-rich DNA activates TLR9- and NF- κ B-dependent signaling pathways in human adipose-derived mesenchymal stem cells (haMSCs). <i>Expert Opinion on Biological Therapy</i> , 2012, 12, S99-S111.	3.1	26
67	Comparative Analysis of the <i>lux</i> Operons in <i>Aliivibrio logei</i> KCh1 (a Kamchatka Isolate) and <i>Aliivibrio salmonicida</i> . <i>Journal of Bacteriology</i> , 2011, 193, 3998-4001.	2.2	25
68	Oxidized DNA induces an adaptive response in human fibroblasts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2013, 747-748, 6-18.	1.0	25
69	Toward high-resolution population genomics using archaeological samples. <i>DNA Research</i> , 2016, 23, 295-310.	3.4	25
70	Causal links between major depressive disorder and insomnia: A Mendelian randomisation study. <i>Gene</i> , 2021, 768, 145271.	2.2	25
71	Shared Genetic Liability and Causal Associations Between Major Depressive Disorder and Cardiovascular Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 735136.	2.4	25
72	Cell-Free Circulating Nucleic Acids as Early Biomarkers for NAFLD and NAFLD-Associated Disorders. <i>Frontiers in Physiology</i> , 2018, 9, 1256.	2.8	24

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73	Targeted sequencing reveals complex, phenotype-correlated genotypes in cystic fibrosis. <i>BMC Medical Genomics</i> , 2018, 11, 13.	1.5	24
74	The impact of IL28B genotype on the gene expression profile of patients with chronic hepatitis C treated with pegylated interferon alpha and ribavirin. <i>Journal of Translational Medicine</i> , 2012, 10, 25.	4.4	22
75	Adipocytokine expression associated with miRNA regulation and diagnosis of NASH in obese patients with NAFLD. <i>Liver International</i> , 2015, 35, 1367-1372.	3.9	22
76	Towards standardization of next-generation sequencing of FFPE samples for clinical oncology: intrinsic obstacles and possible solutions. <i>Journal of Translational Medicine</i> , 2017, 15, 22.	4.4	22
77	Prenylation of viral proteins by enzymes of the host: Virus-driven rationale for therapy with statins and FT/GGT1 inhibitors. <i>BioEssays</i> , 2017, 39, 1700014.	2.5	22
78	Unraveling Risk Genes of COVID-19 by Multi-Omics Integrative Analyses. <i>Frontiers in Medicine</i> , 2021, 8, 738687.	2.6	22
79	Shared genetic liability and causal effects between major depressive disorder and insomnia. <i>Human Molecular Genetics</i> , 2022, 31, 1336-1345.	2.9	22
80	RFP2, c13ORF1, and FAM10A4 are the most likely tumor suppressor gene candidates for B-cell chronic lymphocytic leukemia. <i>Cancer Genetics and Cytogenetics</i> , 2003, 146, 48-57.	1.0	21
81	A comparative analysis of relative occurrence of transcription factor binding sites in vertebrate genomes and gene promoter areas. <i>Bioinformatics</i> , 2005, 21, 1789-1796.	4.1	21
82	Phosphoproteomic Biomarkers Predicting Histologic Nonalcoholic Steatohepatitis and Fibrosis. <i>Journal of Proteome Research</i> , 2010, 9, 3218-3224.	3.7	21
83	Protein prenylation: A new mode of host-pathogen interaction. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 1-6.	2.1	21
84	Smoking quantitatively increases risk for COVID-19. <i>European Respiratory Journal</i> , 2022, 60, 2101273.	6.7	21
85	Association of Serum Adipocytokines with Hepatic Steatosis and Fibrosis in Patients with Chronic Hepatitis C. <i>Digestion</i> , 2011, 83, 32-40.	2.3	20
86	Multiple Factors Predict Physical Performance in People with Chronic Liver Disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014, 93, 470-476.	1.4	20
87	Pathways of aging: comparative analysis of gene signatures in replicative senescence and stress induced premature senescence. <i>BMC Genomics</i> , 2016, 17, 1030.	2.8	20
88	Familial Esophageal Squamous Cell Carcinoma with damaging rare/germline mutations in KCNJ12/KCNJ18 and GPRIN2 genes. <i>Cancer Genetics</i> , 2018, 221, 46-52.	0.4	20
89	Towards embedding Caco-2 model of gut interface in a microfluidic device to enable multi-organ models for systems biology. <i>BMC Systems Biology</i> , 2019, 13, 19.	3.0	20
90	MMR Vaccine and COVID-19: Measles Protein Homology May Contribute to Cross-Reactivity or to Complement Activation Protection. <i>MBio</i> , 2021, 12, .	4.1	20

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91	Shared genetic liability between major depressive disorder and osteoarthritis. <i>Bone and Joint Research</i> , 2022, 11, 12-22.	3.6	20
92	Experimental Study of Human Expressed Sequences Newly Identified in Silico as Tumor Specific. <i>Tumor Biology</i> , 2005, 26, 17-24.	1.8	19
93	Pro-apoptotic and antiproliferative activity of human KCNRC, a putative tumor suppressor in 13q14 region. <i>Tumor Biology</i> , 2010, 31, 33-45.	1.8	19
94	Integrated computational approach to the analysis of RNA-seq data reveals new transcriptional regulators of psoriasis. <i>Experimental and Molecular Medicine</i> , 2016, 48, e268-e268.	7.7	19
95	Nucleotide patterns aiding in prediction of eukaryotic promoters. <i>PLoS ONE</i> , 2017, 12, e0187243.	2.5	19
96	Knockdown of the Î±5 laminin chain affects differentiation of colorectal cancer cells and their sensitivity to chemotherapy. <i>Biochimie</i> , 2020, 174, 107-116.	2.6	19
97	KPP: KEGG Pathway Painter. <i>BMC Systems Biology</i> , 2015, 9, S3.	3.0	18
98	A review of the biomedical innovations for healthy longevity. <i>Aging</i> , 2017, 9, 7-25.	3.1	18
99	LAMA4-Regulating miR-4274 and Its Host Gene SORCS2 Play a Role in IGFBP6-Dependent Effects on Phenotype of Basal-Like Breast Cancer. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 122.	3.5	18
100	Markers of arterial health could serve as accurate non-invasive predictors of human biological and chronological age. <i>Aging</i> , 2017, 9, 1280-1292.	3.1	18
101	Prenylation: From bacteria to eukaryotes. <i>Molecular Biology</i> , 2013, 47, 622-633.	1.3	17
102	Shared Genetic Liability Between Major Depressive Disorder and Atopic Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 665160.	4.8	17
103	BDNF Gene's Role in Schizophrenia: From Risk Allele to Methylation Implications. <i>Frontiers in Psychiatry</i> , 2020, 11, 564277.	2.6	16
104	Causal Association and Shared Genetics Between Asthma and COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 705379.	4.8	16
105	Microarray technology in the study of obesity and non-alcoholic fatty liver disease. <i>Liver International</i> , 2005, 25, 1091-1096.	3.9	15
106	Gene expression profile associated with superimposed non-alcoholic fatty liver disease and hepatic fibrosis in patients with chronic hepatitis C. <i>Liver International</i> , 2009, 29, 1403-1412.	3.9	15
107	Knowledge-Based Identification of Soluble Biomarkers: Hepatic Fibrosis in NAFLD as an Example. <i>PLoS ONE</i> , 2013, 8, e56009.	2.5	15
108	Evolutionary biology at BGRSSB-2016. <i>BMC Evolutionary Biology</i> , 2017, 17, 21.	3.2	15

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109	The role of Alu-derived RNAs in Alzheimer's and other neurodegenerative conditions. <i>Medical Hypotheses</i> , 2018, 115, 29-34.	1.5	15
110	Polymorphisms in the receptor for advanced glycation end-products (RAGE) gene and circulating RAGE levels as a susceptibility factor for non-alcoholic steatohepatitis (NASH). <i>PLoS ONE</i> , 2018, 13, e0199294.	2.5	15
111	Adipokines and melanocortins in the hepatic manifestation of metabolic syndrome: nonalcoholic fatty liver disease. <i>Expert Review of Molecular Diagnostics</i> , 2007, 7, 195-205.	3.1	14
112	Computational plant bioscience at BGRSSB-2016: introductory note. <i>BMC Plant Biology</i> , 2016, 16, 243.	3.6	14
113	Lux-operon of the marine psychrophilic bacterium <i>Aliivibrio logei</i> : a comparative analysis of the LuxR1/LuxR2 regulatory activity in <i>Escherichia coli</i> cells. <i>Microbiology (United Kingdom)</i> , 2016, 162, 717-724.	1.8	14
114	siRNA Technology in Kidney Transplantation: Current Status and Future Potential. <i>BioDrugs</i> , 2014, 28, 345-361.	4.6	13
115	Mutations in gonadotropin-releasing hormone signaling pathway in two nIHH patients with successful pregnancy outcomes. <i>Reproductive Biology and Endocrinology</i> , 2016, 14, 48.	3.3	13
116	Mitochondrial Disruption by Amyloid Beta 42 Identified by Proteomics and Pathway Mapping. <i>Cells</i> , 2021, 10, 2380.	4.1	13
117	The N-Terminal Domain of <i>Aliivibrio fischeri</i> LuxR Is a Target of the GroEL Chaperonin. <i>Journal of Bacteriology</i> , 2010, 192, 5549-5551.	2.2	12
118	Gene expression profiles associated with depression in patients with chronic hepatitis C (CH-C). <i>Brain and Behavior</i> , 2012, 2, 525-531.	2.2	12
119	Evolutionary Biology at Belyaev Conference "2017. <i>BMC Evolutionary Biology</i> , 2017, 17, 260.	3.2	12
120	Evolutionarily new sequences expressed in tumors. <i>Infectious Agents and Cancer</i> , 2006, 1, 8.	2.6	11
121	Utility of cfDNA Fragmentation Patterns in Designing the Liquid Biopsy Profiling Panels to Improve Their Sensitivity. <i>Frontiers in Genetics</i> , 2019, 10, 194.	2.3	11
122	Classifying major mental disorders genetically. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 112, 110410.	4.8	11
123	Cervical intraepithelial neoplasia: Telomerase activity and splice pattern of hTERT mRNA. <i>Biochimie</i> , 2010, 92, 1827-1831.	2.6	10
124	Protein Pathway Activation Associated with Sustained Virologic Response in Patients with Chronic Hepatitis C Treated with Pegylated Interferon (PEG-IFN) and Ribavirin (RBV). <i>Journal of Proteome Research</i> , 2011, 10, 774-779.	3.7	10
125	Age dynamics of DNA damage and CpG methylation in the peripheral blood leukocytes of mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 775, 38-42.	1.0	10
126	A combination of luxR1 and luxR2 genes activates Pr-promoters of psychrophilic <i>Aliivibrio logei</i> lux operon independently of chaperonin GroEL/ES and protease Lon at high concentrations of autoinducer. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 1158-1162.	2.1	10

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127	Kinetics of the thermal inactivation and the refolding of bacterial luciferases in <i>Bacillus subtilis</i> and in <i>Escherichia coli</i> differ. <i>PLoS ONE</i> , 2019, 14, e0226576.	2.5	10
128	Potential regulatory SNPs in promoters of human genes: A systematic approach. <i>Molecular and Cellular Probes</i> , 2006, 20, 348-358.	2.1	9
129	PPAR Ligands as Potential Modifiers of Breast Carcinoma Outcomes. <i>PPAR Research</i> , 2008, 2008, 1-10.	2.4	9
130	Gene expression profiles associated with anaemia and ITPA genotypes in patients with chronic hepatitis C (CH ₄ C). <i>Journal of Viral Hepatitis</i> , 2012, 19, 414-422.	2.0	9
131	Plant Biology at Belyaev Conference "2017. <i>BMC Plant Biology</i> , 2017, 17, 257.	3.6	9
132	A Role of Variance in Interferon Genes to Disease Severity in COVID-19 Patients. <i>Frontiers in Genetics</i> , 2021, 12, 709388.	2.3	9
133	Involvement of the long intergenic non-coding RNA LINC00461 in schizophrenia. <i>BMC Psychiatry</i> , 2022, 22, 59.	2.6	9
134	Human RFP2 gene promoter: Unique structure and unusual strength. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 859-866.	2.1	8
135	Expression of transcripts corresponding to cluster Hs.633957 in human healthy and tumor tissues. <i>Molecular Biology</i> , 2009, 43, 88-92.	1.3	8
136	Functional pathway analysis of genes associated with response to treatment for chronic hepatitis C. <i>Journal of Viral Hepatitis</i> , 2010, 17, 730-736.	2.0	8
137	Knowledge-based compact disease models identify new molecular players contributing to early-stage Alzheimer's disease. <i>BMC Systems Biology</i> , 2013, 7, 121.	3.0	8
138	Radioprotective combination of α -tocopherol and ascorbic acid promotes apoptosis that is evident by release of low-molecular weight DNA fragments into circulation. <i>International Journal of Radiation Biology</i> , 2015, 91, 872-877.	1.8	8
139	miRNA-Coordinated Schizophrenia Risk Network Cross-Talk With Cardiovascular Repair and Opposed Gliomagenesis. <i>Frontiers in Genetics</i> , 2020, 11, 149.	2.3	8
140	Aging-associated genes TNFRSF12A and CHI3L1 contribute to thyroid cancer: An evidence for the involvement of hypoxia as a driver. <i>Oncology Letters</i> , 2020, 19, 3634-3642.	1.8	8
141	Convergent lines of evidence supporting involvement of NFKB1 in schizophrenia. <i>Psychiatry Research</i> , 2022, 312, 114588.	3.3	8
142	Red Light Modulates Ultraviolet-Induced Gene Expression in the Epidermis of Hairless Mice. <i>Photomedicine and Laser Surgery</i> , 2015, 33, 498-503.	2.0	7
143	Identification of Transcriptional Regulators of Psoriasis from RNA-Seq Experiments. <i>Methods in Molecular Biology</i> , 2017, 1613, 355-370.	0.9	7
144	Increased lifespan, decreased mortality, and delayed cognitive decline in osteoarthritis. <i>Scientific Reports</i> , 2019, 9, 18639.	3.3	7

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145	Recent Advances in Systems and Network Medicine: Meeting Report from the First International Conference in Systems and Network Medicine. <i>Systems Medicine (New Rochelle, N Y)</i> , 2020, 3, 22-35.	1.1	7
146	PCR-based detection of Pol III-transcribed transposons and its application to the rodent model of ultraviolet response. <i>Cell Stress and Chaperones</i> , 2008, 13, 111-116.	2.9	6
147	Towards application of rule learning to the meta-analysis of clinical data: An example of the metabolic syndrome. <i>International Journal of Medical Informatics</i> , 2009, 78, e104-e111.	3.3	6
148	Using Published Medical Results and Non-homogenous Data in Rule Learning. , 2011, , .		6
149	Clinical utility of the low-density Infinium QC genotyping Array in a genomics-based diagnostics laboratory. <i>BMC Medical Genomics</i> , 2017, 10, 57.	1.5	6
150	Pharmacological signatures of the reduced incidence and the progression of cognitive decline in ageing populations suggest the protective role of beneficial polypharmacy. <i>PLoS ONE</i> , 2019, 14, e0224315.	2.5	6
151	Preeclampsia Drives Molecular Networks to Shift Toward Greater Vulnerability to the Development of Autism Spectrum Disorder. <i>Frontiers in Neurology</i> , 2020, 11, 590.	2.4	6
152	Deregulatory miRNA-BDNF Network Inferred from Dynamic Expression Changes in Schizophrenia. <i>Brain Sciences</i> , 2022, 12, 167.	2.3	6
153	Molecular cloning, structural analysis, and expression of a human IRLB, MYC promoter-binding protein: new DENN domain-containing protein family emerges. <i>Genomics</i> , 2003, 82, 343-354.	2.9	5
154	siRNAs with high specificity to a target: A systematic design by the CRM algorithm. <i>Molecular Biology</i> , 2008, 42, 146-152.	1.3	5
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