

Ancha Baranova

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

214 papers	7,105 citations	36 h-index	80 g-index
247 ext. papers	8,384 ext. citations	4.3 avg, IF	6 L-index

#	Paper	IF	Citations
214	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, 274-85	6.1	2020
213	The mammalian pannexin family is homologous to the invertebrate innexin gap junction proteins. <i>Genomics</i> , 2004 , 83, 706-16	4.3	362
212	Adipokines and cytokines in non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2008 , 27, 412-21	6.1	318
211	A novel diagnostic biomarker panel for obesity-related nonalcoholic steatohepatitis (NASH). <i>Obesity Surgery</i> , 2008 , 18, 1430-7	3.7	228
210	Non-invasive markers for hepatic fibrosis. <i>BMC Gastroenterology</i> , 2011 , 11, 91	3	197
209	Functional implications of calcium permeability of the channel formed by pannexin 1. <i>Journal of Cell Biology</i> , 2006 , 174, 535-46	7.3	182
208	A genomic and proteomic study of the spectrum of nonalcoholic fatty liver disease. <i>Hepatology</i> , 2005 , 42, 665-74	11.2	172
207	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, 2463-73	9.2	163
206	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, 2471-8	12.9	123
205	A biomarker panel for non-alcoholic steatohepatitis (NASH) and NASH-related fibrosis. <i>Obesity Surgery</i> , 2011 , 21, 431-9	3.7	117
204	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, 487-97	6.1	106
203	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, 1118-25	3.7	92
202	Systematic review: association of polycystic ovary syndrome with metabolic syndrome and non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2011 , 33, 801-14	6.1	87
201	Validation of endogenous reference genes for qRT-PCR analysis of human visceral adipose samples. <i>BMC Molecular Biology</i> , 2010 , 11, 39	4.5	82
200	Hepatic gene expression in patients with obesity-related non-alcoholic steatohepatitis. <i>Liver International</i> , 2005 , 25, 760-71	7.9	80
199	Oxidized extracellular DNA as a stress signal in human cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 649747	6.7	79
198	Functional implications of calcium permeability of the channel formed by pannexin 1. <i>Journal of Cell Biology</i> , 2013 , 201, 777-777	7.3	78

197	Non-random fragmentation patterns in circulating cell-free DNA reflect epigenetic regulation. <i>BMC Genomics</i> , 2015 , 16 Suppl 13, S1	4.5	65
196	Microbiome Responses to an Uncontrolled Short-Term Diet Intervention in the Frame of the Citizen Science Project. <i>Nutrients</i> , 2018 , 10,	6.7	63
195	Obesity-related differential gene expression in the visceral adipose tissue. <i>Obesity Surgery</i> , 2005 , 15, 758-65	3.7	60
194	Multi-trait analysis for genome-wide association study of five psychiatric disorders. <i>Translational Psychiatry</i> , 2020 , 10, 209	8.6	59
193	A network-based approach to prioritize results from genome-wide association studies. <i>PLoS ONE</i> , 2011 , 6, e24220	3.7	57
192	Age-independent rise of inflammatory scores may contribute to accelerated aging in multi-morbidity. <i>Oncotarget</i> , 2015 , 6, 1414-21	3.3	55
191	What is hidden in the pannexin treasure trove: the sneak peek and the guesswork. <i>Journal of Cellular and Molecular Medicine</i> , 2006 , 10, 613-34	5.6	51
190	Protein partners of KCTD proteins provide insights about their functional roles in cell differentiation and vertebrate development. <i>BioEssays</i> , 2013 , 35, 586-96	4.1	49
189	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. <i>FEBS Letters</i> , 1998 , 426, 266-70	3.8	49
188	Oxidized extracellular DNA as a stress signal that may modify response to anticancer therapy. <i>Cancer Letters</i> , 2015 , 356, 22-33	9.9	47
187	Lessons from the Ebola Outbreak: Action Items for Emerging Infectious Disease Preparedness and Response. <i>EcoHealth</i> , 2016 , 13, 200-12	3.1	47
186	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	8.5	46
185	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	3.3	45
184	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, 10-4	3.8	44
183	Gene expression patterns in hepatic tissue and visceral adipose tissue of patients with non-alcoholic fatty liver disease. <i>Obesity Surgery</i> , 2007 , 17, 1111-8	3.7	43
182	Evidence for the ectopic synthesis of melanin in human adipose tissue. <i>FASEB Journal</i> , 2009 , 23, 835-43	0.9	42
181	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, 166-72	11.2	41
180	Hepatic gene expression of Caucasian and African-American patients with obesity-related non-alcoholic fatty liver disease. <i>Obesity Surgery</i> , 2010 , 20, 640-50	3.7	40

179	Expression of cytokine signaling genes in morbidly obese patients with non-alcoholic steatohepatitis and hepatic fibrosis. <i>Obesity Surgery</i> , 2009 , 19, 617-24	3.7	38
178	Association of obestatin, ghrelin, and inflammatory cytokines in obese patients with non-alcoholic fatty liver disease. <i>Obesity Surgery</i> , 2011 , 21, 1750-7	3.7	36
177	Early gene expression profiles of patients with chronic hepatitis C treated with pegylated interferon-alfa and ribavirin. <i>Hepatology</i> , 2009 , 49, 763-74	11.2	35
176	Genetic evidence suggests posttraumatic stress disorder as a subtype of major depressive disorder. <i>Journal of Clinical Investigation</i> , 2021 ,	15.9	35
175	PPARgamma activation by thiazolidinediones (TZDs) may modulate breast carcinoma outcome: the importance of interplay with TGFbeta signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 71-87	5.6	34
174	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 Suppl 1, S85-97	5.4	33
173	In silico screening for tumour-specific expressed sequences in human genome. <i>FEBS Letters</i> , 2001 , 508, 143-8	3.8	33
172	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, 1410-5	4	31
171	Melanin and melanogenesis in adipose tissue: possible mechanisms for abating oxidative stress and inflammation?. <i>Obesity Reviews</i> , 2011 , 12, e21-31	10.6	31
170	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, 103-12	3.8	30
169	A new human gene KCNRG encoding potassium channel regulating protein is a cancer suppressor gene candidate located in 13q14.3. <i>FEBS Letters</i> , 2003 , 539, 156-60	3.8	30
168	Causal influences of neuroticism on mental health and cardiovascular disease. <i>Human Genetics</i> , 2021 , 140, 1267-1281	6.3	30
167	Impedance Spectroscopy as a Tool for Monitoring Performance in 3D Models of Epithelial Tissues. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 474	5.8	27
166	Between Lake Baikal and the Baltic Sea: genomic history of the gateway to Europe. <i>BMC Genetics</i> , 2017 , 18, 110	2.6	25
165	Nonalcoholic fatty liver disease and bariatric surgery. <i>Expert Review of Gastroenterology and Hepatology</i> , 2012 , 6, 163-71	4.2	25
164	Expression level of lipoprotein lipase and dystrophin genes predict survival in B-cell chronic lymphocytic leukemia. <i>Leukemia and Lymphoma</i> , 2007 , 48, 912-22	1.9	25
163	An exposure to the oxidized DNA enhances both instability of genome and survival in cancer cells. <i>PLoS ONE</i> , 2013 , 8, e77469	3.7	25
162	Optogenetic regulation of transcription. <i>BMC Neuroscience</i> , 2018 , 19, 12	3.2	24

161	Tumor markers: the potential of "omics" approach. <i>Current Molecular Medicine</i> , 2010 , 10, 249-57	2.5	23
160	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, 327-34	4.3	23
159	In vitro and in silico liver models: Current trends, challenges and opportunities. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2018 , 35, 397-412	4.3	23
158	Manipulating molecular switches in brown adipocytes and their precursors: a therapeutic potential. <i>Progress in Lipid Research</i> , 2013 , 52, 51-61	14.3	22
157	The role of genomics and proteomics: technologies in studying non-alcoholic fatty liver disease. <i>Clinics in Liver Disease</i> , 2007 , 11, 209-20, xi	4.6	22
156	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	10.6	22
155	Adipocytokine expression associated with miRNA regulation and diagnosis of NASH in obese patients with NAFLD. <i>Liver International</i> , 2015 , 35, 1367-72	7.9	20
154	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	8.5	20
153	Oxidized DNA induces an adaptive response in human fibroblasts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2013 , 747-748, 6-18	3.3	20
152	Comparative analysis of the lux operons in <i>Aliivibrio logei</i> KCh1 (a Kamchatka Isolate) and <i>Aliivibrio salmonicida</i> . <i>Journal of Bacteriology</i> , 2011 , 193, 3998-4001	3.5	20
151	The role of mitochondrial genomics in patients with non-alcoholic steatohepatitis (NASH). <i>BMC Medical Genetics</i> , 2016 , 17, 63	2.1	20
150	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	8.5	19
149	Extracellular GC-rich DNA activates TLR9- and NF-kB-dependent signaling pathways in human adipose-derived mesenchymal stem cells (haMSCs). <i>Expert Opinion on Biological Therapy</i> , 2012 , 12 Suppl 1, S99-111	5.4	19
148	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		19
147	Cell-Free Circulating Nucleic Acids as Early Biomarkers for NAFLD and NAFLD-Associated Disorders. <i>Frontiers in Physiology</i> , 2018 , 9, 1256	4.6	19
146	A review of the biomedical innovations for healthy longevity. <i>Aging</i> , 2017 , 9, 7-25	5.6	18
145	Multiple factors predict physical performance in people with chronic liver disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014 , 93, 470-6	2.6	18
144	Phosphoproteomic biomarkers predicting histologic nonalcoholic steatohepatitis and fibrosis. <i>Journal of Proteome Research</i> , 2010 , 9, 3218-24	5.6	18

143	Toward high-resolution population genomics using archaeological samples. <i>DNA Research</i> , 2016 , 23, 295-310	4.5	17
142	Targeted sequencing reveals complex, phenotype-correlated genotypes in cystic fibrosis. <i>BMC Medical Genomics</i> , 2018 , 11, 13	3.7	17
141	KPP: KEGG Pathway Painter. <i>BMC Systems Biology</i> , 2015 , 9 Suppl 2, S3	3.5	17
140	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	3	17
139	A comparative analysis of relative occurrence of transcription factor binding sites in vertebrate genomes and gene promoter areas. <i>Bioinformatics</i> , 2005 , 21, 1789-96	7.2	17
138	Identifying common genome-wide risk genes for major psychiatric traits. <i>Human Genetics</i> , 2020 , 139, 185-198	6.3	17
137	Pro-apoptotic and antiproliferative activity of human KCNRG, a putative tumor suppressor in 13q14 region. <i>Tumor Biology</i> , 2010 , 31, 33-45	2.9	16
136	Protein prenylation: a new mode of host-pathogen interaction. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 416, 1-6	3.4	15
135	Association of serum adipocytokines with hepatic steatosis and fibrosis in patients with chronic hepatitis C. <i>Digestion</i> , 2011 , 83, 32-40	3.6	15
134	Nucleotide patterns aiding in prediction of eukaryotic promoters. <i>PLoS ONE</i> , 2017 , 12, e0187243	3.7	14
133	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, 1403-12	7.9	14
132	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	3.8	14
131	Pathways of aging: comparative analysis of gene signatures in replicative senescence and stress induced premature senescence. <i>BMC Genomics</i> , 2016 , 17, 1030	4.5	14
130	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	12.8	13
129	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	4.1	13
128	Experimental study of human expressed sequences newly identified in silico as tumor specific. <i>Tumor Biology</i> , 2005 , 26, 17-24	2.9	13
127	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	3.5	12
126	Familial Esophageal Squamous Cell Carcinoma with damaging rare/germline mutations in KCNJ12/KCNJ18 and GPRIN2 genes. <i>Cancer Genetics</i> , 2018 , 221, 46-52	2.3	12

125	Prenylation: From bacteria to eukaryotes. <i>Molecular Biology</i> , 2013 , 47, 622-633	1.2	12
124	Gene expression profiles associated with depression in patients with chronic hepatitis C (CH-C). <i>Brain and Behavior</i> , 2012 , 2, 525-31	3.4	12
123	-operon of the marine psychrophilic bacterium : a comparative analysis of the LuxR1/LuxR2 regulatory activity in cells. <i>Microbiology (United Kingdom)</i> , 2016 , 162, 717-724	2.9	12
122	siRNA technology in kidney transplantation: current status and future potential. <i>BioDrugs</i> , 2014 , 28, 345-61	7.4	11
121	The N-terminal domain of <i>Aliivibrio fischeri</i> LuxR is a target of the GroEL chaperonin. <i>Journal of Bacteriology</i> , 2010 , 192, 5549-51	3.5	11
120	Microarray technology in the study of obesity and non-alcoholic fatty liver disease. <i>Liver International</i> , 2005 , 25, 1091-6	7.9	11
119	Computational genomics at BGRSSB-2016: introductory note. <i>BMC Genomics</i> , 2016 , 17, 996	4.5	10
118	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	3.7	10
117	Cervical intraepithelial neoplasia: Telomerase activity and splice pattern of hTERT mRNA. <i>Biochimie</i> , 2010 , 92, 1827-31	4.6	10
116	Utility of cfDNA Fragmentation Patterns in Designing the Liquid Biopsy Profiling Panels to Improve Their Sensitivity. <i>Frontiers in Genetics</i> , 2019 , 10, 194	4.5	9
115	Mutations in gonadotropin-releasing hormone signaling pathway in two NHH patients with successful pregnancy outcomes. <i>Reproductive Biology and Endocrinology</i> , 2016 , 14, 48	5	9
114	Knowledge-based identification of soluble biomarkers: hepatic fibrosis in NAFLD as an example. <i>PLoS ONE</i> , 2013 , 8, e56009	3.7	9
113	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, 774-9	5.6	9
112	Markers of arterial health could serve as accurate non-invasive predictors of human biological and chronological age. <i>Aging</i> , 2017 , 9, 1280-1292	5.6	9
111	MMR Vaccine and COVID-19: Measles Protein Homology May Contribute to Cross-Reactivity or to Complement Activation Protection. <i>MBio</i> , 2021 , 12,	7.8	9
110	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	3.3	8
109	The role of Alu-derived RNAs in Alzheimer's and other neurodegenerative conditions. <i>Medical Hypotheses</i> , 2018 , 115, 29-34	3.8	8
108	Gene expression profiles associated with anaemia and ITPA genotypes in patients with chronic hepatitis C (CH-C). <i>Journal of Viral Hepatitis</i> , 2012 , 19, 414-22	3.4	8

107	Functional pathway analysis of genes associated with response to treatment for chronic hepatitis C. <i>Journal of Viral Hepatitis</i> , 2010 , 17, 730-6	3.4	8
106	-Regulating miR-4274 and Its Host Gene Play a Role in -Dependent Effects on Phenotype of Basal-Like Breast Cancer. <i>Frontiers in Molecular Biosciences</i> , 2019 , 6, 122	5.6	8
105	Radioprotective combination of 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, 872-7	2.9	7
104	Knowledge-based compact disease models identify new molecular players contributing to early-stage Alzheimer's disease. <i>BMC Systems Biology</i> , 2013 , 7, 121	3.5	7
103	Evolutionary biology at BGRSSB-2016. <i>BMC Evolutionary Biology</i> , 2017 , 17, 21	3	7
102	PPAR Ligands as Potential Modifiers of Breast Carcinoma Outcomes. <i>PPAR Research</i> , 2008 , 2008, 230893	4.3	7
101	Human RFP2 gene promoter: unique structure and unusual strength. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 342, 859-66	3.4	7
100	Potential regulatory SNPs in promoters of human genes: a systematic approach. <i>Molecular and Cellular Probes</i> , 2006 , 20, 348-58	3.3	7
99	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	3.4	7
98	Red Light Modulates Ultraviolet-Induced Gene Expression in the Epidermis of Hairless Mice. <i>Photomedicine and Laser Surgery</i> , 2015 , 33, 498-503		6
97	Knockdown of the β laminin chain affects differentiation of colorectal cancer cells and their sensitivity to chemotherapy. <i>Biochimie</i> , 2020 , 174, 107-116	4.6	6
96	Evolutionary Biology at Belyaev Conference - 2017. <i>BMC Evolutionary Biology</i> , 2017 , 17, 260	3	6
95	Evolutionarily new sequences expressed in tumors. <i>Infectious Agents and Cancer</i> , 2006 , 1, 8	3.5	6
94	Genetic mechanisms of COVID-19 and its association with smoking and alcohol consumption. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	6
93	Computational plant bioscience at BGRSSB-2016: introductory note. <i>BMC Plant Biology</i> , 2016 , 16, 243	5.3	5
92	Expression of energy metabolism related genes in the gastric tissue of obese individuals with non-alcoholic fatty liver disease. <i>BMC Gastroenterology</i> , 2014 , 14, 72	3	5
91	Identification of Transcriptional Regulators of Psoriasis from RNA-Seq Experiments. <i>Methods in Molecular Biology</i> , 2017 , 1613, 355-370	1.4	5
90	Expression of inflammation-related genes is altered in gastric tissue of patients with advanced stages of NAFLD. <i>Mediators of Inflammation</i> , 2013 , 2013, 684237	4.3	5

89	Toward More Transparent and Reproducible Omics Studies Through a Common Metadata Checklist and Data Publications. <i>Big Data</i> , 2013 , 1, 196-201	3.1	5
88	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, e104-11	5.3	5
87	Using Published Medical Results and Non-homogenous Data in Rule Learning 2011 ,		5
86	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, 111-6	4	5
85	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, 343-54	4.3	5
84	Aging-associated genes and contribute to thyroid cancer: An evidence for the involvement of hypoxia as a driver. <i>Oncology Letters</i> , 2020 , 19, 3634-3642	2.6	5
83	Increased lifespan, decreased mortality, and delayed cognitive decline in osteoarthritis. <i>Scientific Reports</i> , 2019 , 9, 18639	4.9	5
82	Novel candidate genes may be possible predisposing factors revealed by whole exome sequencing in familial esophageal squamous cell carcinoma. <i>Tumor Biology</i> , 2017 , 39, 1010428317699115	2.9	4
81	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	1.6	4
80	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	3.7	4
79	Nonviral delivery systems for small interfering RNAs. <i>Molecular Biology</i> , 2012 , 46, 349-361	1.2	4
78	An efficient algorithm for systematic analysis of nucleotide strings suitable for siRNA design. <i>BMC Research Notes</i> , 2011 , 4, 168	2.3	4
77	Expression of transcripts corresponding to cluster Hs.633957 in human healthy and tumor tissues. <i>Molecular Biology</i> , 2009 , 43, 88-92	1.2	4
76	siRNAs with high specificity to a target: A systematic design by the CRM algorithm. <i>Molecular Biology</i> , 2008 , 42, 146-152	1.2	4
75	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	3.7	4
74	Unraveling Risk Genes of COVID-19 by Multi-Omics Integrative Analyses. <i>Frontiers in Medicine</i> , 2021 , 8, 738687	4.9	4
73	miRNA-Coordinated Schizophrenia Risk Network Cross-Talk With Cardiovascular Repair and Opposed Gliomagenesis. <i>Frontiers in Genetics</i> , 2020 , 11, 149	4.5	3
72	Analysis of discordant Affymetrix probesets casts serious doubt on idea of microarray data reutilization. <i>BMC Genomics</i> , 2014 , 15 Suppl 12, S8	4.5	3

71	Therapeutic siRNAs and nonviral systems for their delivery. <i>Molecular Biology</i> , 2012 , 46, 335-348	1.2	3
70	Do-It-Yourself device for recovery of cryopreserved samples accidentally dropped into cryogenic storage tanks. <i>Journal of Visualized Experiments</i> , 2012 , e3903	1.6	3
69	Adipokines and cytokines in non-alcoholic fatty liver disease: authors' reply. <i>Alimentary Pharmacology and Therapeutics</i> , 2008 , 28, 267-268	6.1	3
68	In silico search for natural antisense transcripts reveals their differential expression in human tumors. <i>Journal of Bioinformatics and Computational Biology</i> , 2006 , 4, 515-21	1	3
67	Expression profile of ovarian tumors: distinct signature of Sertoli-Leydig cell tumor. <i>International Journal of Gynecological Cancer</i> , 2006 , 16, 1963-72	3.5	3
66	Molecular genetic analysis of thymidine kinase of the herpes simplex virus type 1. <i>Molecular Biology</i> , 2005 , 39, 137-140	1.2	3
65	Shared Genetic Liability and Causal Associations Between Major Depressive Disorder and Cardiovascular Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 735136	5.4	3
64	BDNF Gene's Role in Schizophrenia: From Risk Allele to Methylation Implications. <i>Frontiers in Psychiatry</i> , 2020 , 11, 564277	5	3
63	The Detection of 8-Oxo-7,8-Dihydro-2'-Deoxyguanosine in Circulating Cell-Free DNA: A Step Towards Longitudinal Monitoring of Health. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1241, 125-138	3.6	3
62	High-Throughput Approaches to Biomarker Discovery and Challenges of Subsequent Validation. <i>Biomarkers in Disease</i> , 2015 , 3-16		3
61	Model Learning from Published Aggregated Data. <i>Studies in Computational Intelligence</i> , 2011 , 369-384	0.8	3
60	Smoking quantitatively increases risk for COVID-19. <i>European Respiratory Journal</i> , 2021 ,	13.6	3
59	Causal links between major depressive disorder and insomnia: A Mendelian randomisation study. <i>Gene</i> , 2021 , 768, 145271	3.8	3
58	Classifying major mental disorders genetically. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022 , 112, 110410	5.5	3
57	Distance-based classifiers as potential diagnostic and prediction tools for human diseases. <i>BMC Genomics</i> , 2014 , 15 Suppl 12, S10	4.5	2
56	Reply to the Letter to the Editor: A Biomarker Biopsy For the Diagnosis of NASH: Promises from CK-18 Fragments by Yusuf Yilmaz, Engin Ulukaya, Enver Dolar. <i>Obesity Surgery</i> , 2008 , 18, 1509-1510	3.7	2
55	Shared genetic liability and causal effects between major depressive disorder and insomnia. <i>Human Molecular Genetics</i> , 2021 ,	5.6	2
54	Adipokines in Non-Alcoholic Fatty Liver Disease 2007 , 291-305		2

53	Practical Detection of Biological Age: Why It Is not a Trivial Task. <i>Healthy Ageing and Longevity</i> , 2019 , 7-21	0.5	2
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