

# Filip Van Nieuwerburgh

## List of Publications by Citations

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205  
papers

5,764  
citations

36  
h-index

69  
g-index

233  
ext. papers

7,429  
ext. citations

5.4  
avg, IF

5.53  
L-index

#	Paper	IF	Citations
205	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , <b>2018</b> , 360,	33.3	666
204	Library construction for next-generation sequencing: overviews and challenges. <i>BioTechniques</i> , <b>2014</b> , 56, 61-4, 66, 68, passim	2.5	370
203	Genome-wide association study of obsessive-compulsive disorder. <i>Molecular Psychiatry</i> , <b>2013</b> , 18, 788-98	5.1	244
202	The Chara Genome: Secondary Complexity and Implications for Plant Terrestrialization. <i>Cell</i> , <b>2018</b> , 174, 448-464.e24	56.2	213
201	Partitioning the heritability of Tourette syndrome and obsessive compulsive disorder reveals differences in genetic architecture. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003864	6	189
200	Dissection of the phytohormonal regulation of trichome formation and biosynthesis of the antimalarial compound artemisinin in <i>Artemisia annua</i> plants. <i>New Phytologist</i> , <b>2011</b> , 189, 176-89	9.8	143
199	Directional RNA deep sequencing sheds new light on the transcriptional response of <i>Anabaena</i> sp. strain PCC 7120 to combined-nitrogen deprivation. <i>BMC Genomics</i> , <b>2011</b> , 12, 332	4.5	127
198	The Quorum Sensing Inhibitor Hamamelitannin Increases Antibiotic Susceptibility of <i>Staphylococcus aureus</i> Biofilms by Affecting Peptidoglycan Biosynthesis and eDNA Release. <i>Scientific Reports</i> , <b>2016</b> , 6, 20321	4.9	110
197	Prevalence of Gender Nonconformity in Flanders, Belgium. <i>Archives of Sexual Behavior</i> , <b>2015</b> , 44, 1281-7	3.5	106
196	Ancient dispersal of the human fungal pathogen <i>Cryptococcus gattii</i> from the Amazon rainforest. <i>PLoS ONE</i> , <b>2013</b> , 8, e71148	3.7	100
195	Development and evaluation of different normalization strategies for gene expression studies in <i>Candida albicans</i> biofilms by real-time PCR. <i>BMC Molecular Biology</i> , <b>2006</b> , 7, 25	4.5	100
194	Complete nucleotide sequence of CTX-M-15-plasmids from clinical <i>Escherichia coli</i> isolates: insertional events of transposons and insertion sequences. <i>PLoS ONE</i> , <b>2010</b> , 5, e11202	3.7	87
193	Forensic STR analysis using massive parallel sequencing. <i>Forensic Science International: Genetics</i> , <b>2012</b> , 6, 810-8	4.3	80
192	Differential transcriptome analysis of glandular and filamentous trichomes in <i>Artemisia annua</i> . <i>BMC Plant Biology</i> , <b>2013</b> , 13, 220	5.3	69
191	Emended description of <i>Gardnerella vaginalis</i> and description of <i>Gardnerella leopoldii</i> sp. nov., <i>Gardnerella piovii</i> sp. nov. and <i>Gardnerella swidsinskii</i> sp. nov., with delineation of 13 genomic species within the genus <i>Gardnerella</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2019</b> , 19, 679-687	2.2	69
190	Association between serotonergic candidate genes and specific phenotypes of obsessive compulsive disorder. <i>Journal of Affective Disorders</i> , <b>2006</b> , 91, 39-44	6.6	67
189	Strain Prioritization and Genome Mining for Eneidyne Natural Products. <i>MBio</i> , <b>2016</b> , 7,	7.8	66

188	Quantitation of artemisinin and its biosynthetic precursors in <i>Artemisia annua</i> L. by high performance liquid chromatography-electrospray quadrupole time-of-flight tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2006</b> , 1118, 180-7	4.5	65
187	OSC2 and CYP716A14v2 catalyze the biosynthesis of triterpenoids for the cuticle of aerial organs of <i>Artemisia annua</i> . <i>Plant Cell</i> , <b>2015</b> , 27, 286-301	11.6	64
186	Chromosomal mosaicism in human blastocysts: the ultimate challenge of preimplantation genetic testing?. <i>Human Reproduction</i> , <b>2018</b> , 33, 1342-1354	5.7	63
185	My-Forensic-Loci-queries (MyFLq) framework for analysis of forensic STR data generated by massive parallel sequencing. <i>Forensic Science International: Genetics</i> , <b>2014</b> , 9, 1-8	4.3	59
184	Association between the dopamine D2 receptor TaqI A2 allele and low activity COMT allele with obsessive-compulsive disorder in males. <i>European Neuropsychopharmacology</i> , <b>2006</b> , 16, 446-50	1.2	58
183	Presence and potential of cell free DNA in different types of forensic samples. <i>Forensic Science International: Genetics</i> , <b>2013</b> , 7, 316-20	4.3	54
182	Assessment of microbial diversity in biofilms recovered from endotracheal tubes using culture dependent and independent approaches. <i>PLoS ONE</i> , <b>2012</b> , 7, e38401	3.7	54
181	Discovery of the leinamycin family of natural products by mining actinobacterial genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E11131-E11140	11.5	53
180	Prediction of response to paroxetine and venlafaxine by serotonin-related genes in obsessive-compulsive disorder in a randomized, double-blind trial. <i>Journal of Clinical Psychiatry</i> , <b>2007</b> , 68, 747-53	4.6	51
179	Quantitative bias in Illumina TruSeq and a novel post amplification barcoding strategy for multiplexed DNA and small RNA deep sequencing. <i>PLoS ONE</i> , <b>2011</b> , 6, e26969	3.7	49
178	Illumina mate-paired DNA sequencing-library preparation using Cre-Lox recombination. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, e24	20.1	47
177	Molecular diagnostics for congenital hearing loss including 15 deafness genes using a next generation sequencing platform. <i>BMC Medical Genomics</i> , <b>2012</b> , 5, 17	3.7	46
176	Suboptimal culture conditions induce more deviations in gene expression in male than female bovine blastocysts. <i>BMC Genomics</i> , <b>2016</b> , 17, 72	4.5	45
175	Direct comparison of distinct naive pluripotent states in human embryonic stem cells. <i>Nature Communications</i> , <b>2017</b> , 8, 15055	17.4	44
174	Automatic detection of spermatozoa for laser capture microdissection. <i>International Journal of Legal Medicine</i> , <b>2009</b> , 123, 169-75	3.1	43
173	TBX2 is a neuroblastoma core regulatory circuitry component enhancing MYCN/FOXM1 reactivation of DREAM targets. <i>Nature Communications</i> , <b>2018</b> , 9, 4866	17.4	42
172	Statistical framework for detection of genetically modified organisms based on Next Generation Sequencing. <i>Food Chemistry</i> , <b>2016</b> , 192, 788-98	8.5	40
171	Transcriptome analysis of <i>Bombyx mori</i> larval midgut during persistent and pathogenic cytoplasmic polyhedrosis virus infection. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121447	3.7	40

170	In vivo study of Dicer-2-mediated immune response of the small interfering RNA pathway upon systemic infections of virulent and avirulent viruses in <i>Bombus terrestris</i> . <i>Insect Biochemistry and Molecular Biology</i> , <b>2016</b> , 70, 127-37	4.5	38
169	Forensic SNP Genotyping using Nanopore MinION Sequencing. <i>Scientific Reports</i> , <b>2017</b> , 7, 41759	4.9	36
168	Transgenerational Inheritance of DNA Hypomethylation in <i>Daphnia magna</i> in Response to Salinity Stress. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 10114-10123	10.3	36
167	Coumarin Reduces Virulence and Biofilm Formation in by Affecting Quorum Sensing, Type III Secretion and C-di-GMP Levels. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1952	5.7	36
166	Perfrin, a novel bacteriocin associated with netB positive <i>Clostridium perfringens</i> strains from broilers with necrotic enteritis. <i>Veterinary Research</i> , <b>2014</b> , 45, 40	3.8	36
165	Viral Small-RNA Analysis of <i>Bombyx mori</i> Larval Midgut during Persistent and Pathogenic Cytoplasmic Polyhedrosis Virus Infection. <i>Journal of Virology</i> , <b>2015</b> , 89, 11473-86	6.6	35
164	Comparative analysis of naive, primed and ground state pluripotency in mouse embryonic stem cells originating from the same genetic background. <i>Scientific Reports</i> , <b>2018</b> , 8, 5884	4.9	35
163	Whole genome amplification with SurePlex results in better copy number alteration detection using sequencing data compared to the MALBAC method. <i>Scientific Reports</i> , <b>2015</b> , 5, 11711	4.9	35
162	Shorter CAG repeats in the androgen receptor gene may enhance hyperandrogenicity in polycystic ovary syndrome. <i>Gynecological Endocrinology</i> , <b>2008</b> , 24, 669-73	2.4	35
161	Practical tools to implement massive parallel pyrosequencing of PCR products in next generation molecular diagnostics. <i>PLoS ONE</i> , <b>2011</b> , 6, e25531	3.7	35
160	Shallow whole genome sequencing is well suited for the detection of chromosomal aberrations in human blastocysts. <i>Fertility and Sterility</i> , <b>2015</b> , 104, 1276-85.e1	4.8	33
159	Proteins involved in embryo-maternal interaction around the signalling of maternal recognition of pregnancy in the horse. <i>Scientific Reports</i> , <b>2018</b> , 8, 5249	4.9	33
158	Full genome sequences of all nine <i>Chlamydia psittaci</i> genotype reference strains. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 6930-1	3.5	33
157	Performance of four modern whole genome amplification methods for copy number variant detection in single cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 3422	4.9	32
156	Quantification of integrated HIV DNA by repetitive-sampling Alu-HIV PCR on the basis of poisson statistics. <i>Clinical Chemistry</i> , <b>2014</b> , 60, 886-95	5.5	32
155	16S rRNA Amplicon Sequencing Demonstrates that Indoor-Reared Bumblebees ( <i>Bombus terrestris</i> ) Harbor a Core Subset of Bacteria Normally Associated with the Wild Host. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125152	3.7	31
154	Fetal microchimeric cells in blood of women with an autoimmune thyroid disease. <i>PLoS ONE</i> , <b>2011</b> , 6, e29646	3.7	31
153	Improved canine exome designs, featuring ncRNAs and increased coverage of protein coding genes. <i>Scientific Reports</i> , <b>2015</b> , 5, 12810	4.9	30

152	Caspase-14-deficient mice are more prone to the development of parakeratosis. <i>Journal of Investigative Dermatology</i> , <b>2013</b> , 133, 742-750	4.3	30
151	Vapor nanobubble is the more reliable photothermal mechanism for inducing endosomal escape of siRNA without disturbing cell homeostasis. <i>Journal of Controlled Release</i> , <b>2020</b> , 319, 262-275	11.7	29
150	Validation of a sensitive DNA walking strategy to characterise unauthorised GMOs using model food matrices mimicking common rice products. <i>Food Chemistry</i> , <b>2015</b> , 173, 1259-65	8.5	28
149	Modification of citrulline residues with 2,3-butanedione facilitates their detection by liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 1536-42	2.2	28
148	The Equine Embryo Influences Immune-Related Gene Expression in the Oviduct. <i>Biology of Reproduction</i> , <b>2016</b> , 94, 36	3.9	27
147	Suspension fluorescence in situ hybridization (S-FISH) combined with automatic detection and laser microdissection for STR profiling of male cells in male/female mixtures. <i>International Journal of Legal Medicine</i> , <b>2009</b> , 123, 441-7	3.1	27
146	A multi-omics analysis of the grapevine pathogen <i>Lasiodiplodia theobromae</i> reveals that temperature affects the expression of virulence- and pathogenicity-related genes. <i>Scientific Reports</i> , <b>2019</b> , 9, 13144	4.9	26
145	Unique long non-coding RNA expression signature in ETV6/RUNX1-driven B-cell precursor acute lymphoblastic leukemia. <i>Oncotarget</i> , <b>2016</b> , 7, 73769-73780	3.3	25
144	Colony contact contributes to the diversity of gut bacteria in bumblebees ( <i>Bombus terrestris</i> ). <i>Insect Science</i> , <b>2017</b> , 24, 270-277	3.6	24
143	Microbial diversity and metabolite composition of Belgian red-brown acidic ales. <i>International Journal of Food Microbiology</i> , <b>2016</b> , 221, 1-11	5.8	24
142	Genome-wide transcription start site profiling in biofilm-grown <i>Burkholderia cenocepacia</i> J2315. <i>BMC Genomics</i> , <b>2015</b> , 16, 775	4.5	24
141	Forensic massively parallel sequencing data analysis tool: Implementation of MyFLq as a standalone web- and Illumina BaseSpace(™)-application. <i>Forensic Science International: Genetics</i> , <b>2015</b> , 15, 2-7	4.3	24
140	Generation of Virus- and dsRNA-Derived siRNAs with Species-Dependent Length in Insects. <i>Viruses</i> , <b>2019</b> , 11,	6.2	23
139	Distinct and temporary-restricted epigenetic mechanisms regulate human $\alpha$ and $\beta$ cell development. <i>Nature Immunology</i> , <b>2020</b> , 21, 1280-1292	19.1	23
138	Evaluation of three DNA extraction protocols for forensic STR typing after laser capture microdissection. <i>Forensic Science International: Genetics</i> , <b>2012</b> , 6, 258-62	4.3	22
137	Challenges and opportunities in the investigation of unexplained intellectual disability using family-based whole-exome sequencing. <i>Clinical Genetics</i> , <b>2015</b> , 88, 140-8	4	21
136	Safety assessment of the butyrate-producing <i>Butyricoccus pullicaecorum</i> strain 25-3(T), a potential probiotic for patients with inflammatory bowel disease, based on oral toxicity tests and whole genome sequencing. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 72, 129-37	4.7	21
135	A doubling of microphytobenthos biomass coincides with a tenfold increase in denitrifier and total bacterial abundances in intertidal sediments of a temperate estuary. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126583	3.7	21

134	A Case of Phage Therapy against Pandrug-Resistant in a 12-Year-Old Lung-Transplanted Cystic Fibrosis Patient. <i>Viruses</i> , <b>2021</b> , 13,	6.2	21
133	Bovine Embryo-Secreted microRNA-30c Is a Potential Non-invasive Biomarker for Hampered Preimplantation Developmental Competence. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 315	4.5	20
132	Efficiency of exome sequencing for the molecular diagnosis of pseudoxanthoma elasticum. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 992-998	4.3	20
131	Divergence between the Highly Virulent Zoonotic Pathogen <i>Helicobacter heilmannii</i> and Its Closest Relative, the Low-Virulence " <i>Helicobacter ailurogastricus</i> " sp. nov. <i>Infection and Immunity</i> , <b>2016</b> , 84, 293-306	3.7	20
130	Development and performance of a targeted whole exome sequencing enrichment kit for the dog ( <i>Canis Familiaris</i> Build 3.1). <i>Scientific Reports</i> , <b>2014</b> , 4, 5597	4.9	20
129	The transcriptome of <i>Mycobacterium tuberculosis</i> in a lipid-rich dormancy model through RNAseq analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 17665	4.9	20
128	First draft genome assembly of the desert locust, <i>Schistocerca gregaria</i> . <i>F1000Research</i> , <b>2020</b> , 9, 775	3.6	20
127	Presence and analysis of plasmids in human and animal associated <i>arcobacter</i> species. <i>PLoS ONE</i> , <b>2014</b> , 9, e85487	3.7	20
126	Impact of sugar syrup and pollen diet on the bacterial diversity in the gut of indoor-reared bumblebees ( <i>Bombus terrestris</i> ). <i>Apidologie</i> , <b>2016</b> , 47, 548-560	2.3	19
125	Forensic tri-allelic SNP genotyping using nanopore sequencing. <i>Forensic Science International: Genetics</i> , <b>2019</b> , 38, 204-210	4.3	19
124	The transcriptome of the marine calanoid copepod <i>Temora longicornis</i> under heat stress and recovery. <i>Marine Environmental Research</i> , <b>2019</b> , 143, 10-23	3.3	19
123	Variations in the exome of the LNCaP prostate cancer cell line. <i>Prostate</i> , <b>2012</b> , 72, 1317-27	4.2	18
122	The transcription factor ETS1 is an important regulator of human NK cell development and terminal differentiation. <i>Blood</i> , <b>2020</b> , 136, 288-298	2.2	17
121	Genome Sequence of <i>Helicobacter heilmannii</i> Sensu Stricto ASB1 Isolated from the Gastric Mucosa of a Kitten with Severe Gastritis. <i>Genome Announcements</i> , <b>2013</b> , 1,		17
120	Decreased susceptibility of <i>Streptococcus anginosus</i> to vancomycin in a multispecies biofilm is due to increased thickness of the cell wall. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 2323-2330	5.1	16
119	Response to serotonin reuptake inhibitors in OCD is not influenced by common CYP2D6 polymorphisms. <i>International Journal of Psychiatry in Clinical Practice</i> , <b>2009</b> , 13, 345-348	2.4	16
118	Impact of allelic dropout on evidential value of forensic DNA profiles using RMNE. <i>Bioinformatics</i> , <b>2009</b> , 25, 225-9	7.2	16
117	Oncogenic ZEB2 activation drives sensitivity toward KDM1A inhibition in T-cell acute lymphoblastic leukemia. <i>Blood</i> , <b>2017</b> , 129, 981-990	2.2	15

116	Metabolic activity, urease production, antibiotic resistance and virulence in dual species biofilms of <i>Staphylococcus epidermidis</i> and <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , <b>2017</b> , 12, e0172700	3.7	15
115	Gain of 20q11.21 in Human Pluripotent Stem Cells Impairs TGF- $\beta$ Dependent Neuroectodermal Commitment. <i>Stem Cell Reports</i> , <b>2019</b> , 13, 163-176	8	15
114	Phospho-iTRAQ: assessing isobaric labels for the large-scale study of phosphopeptide stoichiometry. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 839-49	5.6	15
113	Differential transcriptome analysis of the common shrimp <i>Crangon crangon</i> : special focus on the nuclear receptors and RNAi-related genes. <i>General and Comparative Endocrinology</i> , <b>2015</b> , 212, 163-77	3	14
112	Nanopore Sequencing of a Forensic STR Multiplex Reveals Loci Suitable for Single-Contributor STR Profiling. <i>Genes</i> , <b>2020</b> , 11,	4.2	14
111	Catechol-O-methyltransferase gene expression is associated with response to citalopram in obsessive-compulsive disorder. <i>International Journal of Psychiatry in Clinical Practice</i> , <b>2012</b> , 16, 277-83	2.4	14
110	The role of the COMT Val(158)Met polymorphism in the phenotypic expression of obsessive-compulsive disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2010</b> , 153B, 167-76	3.5	14
109	Analysing 454 amplicon resequencing experiments using the modular and database oriented Variant Identification Pipeline. <i>BMC Bioinformatics</i> , <b>2010</b> , 11, 269	3.6	14
108	Honey bee predisposition of resistance to ubiquitous mite infestations. <i>Scientific Reports</i> , <b>2019</b> , 9, 7794	4.9	13
107	A different gut microbial community between larvae and adults of a wild bumblebee nest ( <i>Bombus pascuorum</i> ). <i>Insect Science</i> , <b>2018</b> , 25, 66-74	3.6	13
106	Pre-clinical evaluation of second generation PIM inhibitors for the treatment of T-cell acute lymphoblastic leukemia and lymphoma. <i>Haematologica</i> , <b>2019</b> , 104, e17-e20	6.6	13
105	Dynamic epigenetic changes to VHL occur with sunitinib in metastatic clear cell renal cancer. <i>Oncotarget</i> , <b>2016</b> , 7, 25241-50	3.3	13
104	Photothermally Triggered Endosomal Escape and Its Influence on Transfection Efficiency of Gold-Functionalized JetPEI/pDNA Nanoparticles. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	13
103	First draft genome assembly of the desert locust,. <i>F1000Research</i> , <b>2020</b> , 9, 775	3.6	12
102	Marine biogenics in sea spray aerosols interact with the mTOR signaling pathway. <i>Scientific Reports</i> , <b>2019</b> , 9, 675	4.9	11
101	The Small RNA ncS35 Regulates Growth in J2315. <i>MSphere</i> , <b>2018</b> , 3,	5	11
100	Retrospective study of the impact of miniSTRs on forensic DNA profiling of touch DNA samples. <i>Science and Justice - Journal of the Forensic Science Society</i> , <b>2014</b> , 54, 369-72	2	11
99	Elucidation of the mechanism behind the potentiating activity of baicalin against <i>Burkholderia cenocepacia</i> biofilms. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190533	3.7	11

98	Dual RNA Sequencing of during Infection Unveils Host-Pathogen Interactions. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	11
97	Influence of microbiota in the susceptibility of parasitic wasps to abamectin insecticide: deep sequencing, esterase and toxicity tests. <i>Pest Management Science</i> , <b>2019</b> , 75, 79-86	4.6	11
96	Myeloid-specific IRE1alpha deletion reduces tumour development in a diabetic, non-alcoholic steatohepatitis-induced hepatocellular carcinoma mouse model. <i>Metabolism: Clinical and Experimental</i> , <b>2020</b> , 107, 154220	12.7	10
95	Characterization of the emerging zoonotic pathogen <i>Arcobacter</i> thereius by whole genome sequencing and comparative genomics. <i>PLoS ONE</i> , <b>2017</b> , 12, e0180493	3.7	10
94	Microbial community profiling of fresh basil and pitfalls in taxonomic assignment of enterobacterial pathogenic species based upon 16S rRNA amplicon sequencing. <i>International Journal of Food Microbiology</i> , <b>2017</b> , 257, 148-156	5.8	10
93	Preimplantation genetic diagnosis for chromosomal rearrangements with the use of array comparative genomic hybridization at the blastocyst stage. <i>Fertility and Sterility</i> , <b>2017</b> , 107, 212-219.e3	4.8	10
92	The prevalence of nine genetic disorders in a dog population from Belgium, the Netherlands and Germany. <i>PLoS ONE</i> , <b>2013</b> , 8, e74811	3.7	10
91	The presence of extracellular microRNAs in the media of cultured <i>Drosophila</i> cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 17312	4.9	10
90	Performance of a TthPrimPol-based whole genome amplification kit for copy number alteration detection using massively parallel sequencing. <i>Scientific Reports</i> , <b>2016</b> , 6, 31825	4.9	9
89	Comparative analysis of different nuclear transfer techniques to prevent the transmission of mitochondrial DNA variants. <i>Molecular Human Reproduction</i> , <b>2019</b> , 25, 797-810	4.4	9
88	HES1 and HES4 have non-redundant roles downstream of Notch during early human T-cell development. <i>Haematologica</i> , <b>2021</b> , 106, 130-141	6.6	9
87	ADAR1 interaction with Z-RNA promotes editing of endogenous double-stranded RNA and prevents MDA5-dependent immune activation. <i>Cell Reports</i> , <b>2021</b> , 36, 109500	10.6	9
86	Short Tandem Repeat analysis after Whole Genome Amplification of single B-lymphoblastoid cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 1255	4.9	8
85	The BCESM genomic region contains a regulator involved in quorum sensing and persistence in <i>Burkholderia cenocepacia</i> J2315. <i>Future Microbiology</i> , <b>2014</b> , 9, 845-60	2.9	8
84	The effects of positioning, reason for screening and the referring veterinarian on prevalence estimates of canine hip dysplasia. <i>Veterinary Journal</i> , <b>2014</b> , 201, 378-84	2.5	8
83	Flagging False Positives Following Untargeted LC-MS Characterization of Histone Post-Translational Modification Combinations. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 655-664	5.6	8
82	Quantitative proteomics to characterize specific histone H2A proteolysis in chronic lymphocytic leukemia and the myeloid THP-1 cell line. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 9407-21	6.3	8
81	Aging of preleukemic thymocytes drives CpG island hypermethylation in T-cell acute lymphoblastic leukemia. <i>Blood Cancer Discovery</i> , <b>2020</b> , 1, 274-289	7	8



80	Autovaccination confers protection against <i>Devriesea agamarum</i> associated septicemia but not dermatitis in bearded dragons ( <i>Pogona vitticeps</i> ). <i>PLoS ONE</i> , <b>2014</b> , 9, e113084	3.7	8
79	Various Evolutionary Trajectories Lead to Loss of the Tobramycin-Potentiating Activity of the Quorum-Sensing Inhibitor Baicalin Hydrate in Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	7
78	Massively parallel sequencing of micro-manipulated cells targeting a comprehensive panel of disease-causing genes: A comparative evaluation of upstream whole-genome amplification methods. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196334	3.7	7
77	Forensic STR profiling using Oxford Nanopore Technologies MinION sequencer		7
76	Genome-Wide Stress Responses to Copper and Arsenic in a Field Population of <i>Daphnia</i> . <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 3850-3859	10.3	7
75	Forensic Loci Allele Database (FLAD): Automatically generated, permanent identifiers for sequenced forensic alleles. <i>Forensic Science International: Genetics</i> , <b>2016</b> , 20, e1-e3	4.3	6
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