Mihaela Pertea

List of Publications by Citations

35 papers	13,138 citations	19 h-index	41 g-index
41 ext. papers	19,225 ext. citations	16 avg, IF	6.45 L-index

#	Paper	IF	Citations
35	StringTie enables improved reconstruction of a transcriptome from RNA-seq reads. *Nature Biotechnology*, **2015**, 33, 290-5	44.5	3679
34	Transcript-level expression analysis of RNA-seq experiments with HISAT, StringTie and Ballgown. *Nature Protocols*, **2016**, 11, 1650-67	18.8	2264
33	Automated eukaryotic gene structure annotation using EVidenceModeler and the Program to Assemble Spliced Alignments. *Genome Biology*, **2008**, 9, R7	18.3	1212
32	Genomic sequence of the pathogenic and allergenic filamentous fungus Aspergillus fumigatus. *Nature*, **2005**, 438, 1151-6	50.4	1114
31	Genome sequence of Aedes aegypti, a major arbovirus vector. *Science*, **2007**, 316, 1718-23	33.3	867
30	The genome of the blood fluke Schistosoma mansoni. *Nature*, **2009**, 460, 352-8	50.4	822
29	Draft genome sequence of the sexually transmitted pathogen Trichomonas vaginalis. *Science*, **2007**, 315, 207-12	33.3	622
28	Genome sequence and comparative analysis of the model rodent malaria parasite Plasmodium yoelii yoelii. *Nature*, **2002**, 419, 512-9	50.4	591
27	Draft genome of the filarial nematode parasite Brugia malayi. *Science*, **2007**, 317, 1756-60	33.3	513
26	Broad CTL response is required to clear latent HIV-1 due to dominance of escape mutations. *Nature*, **2015**, 517, 381-5	50.4	377
25	GFF Utilities: GffRead and GffCompare. *F1000Research*, **2020**, 9, 304	3.6	185
24	Defective HIV-1 Proviruses Are Expressed and Can Be Recognized by Cytotoxic T Lymphocytes, which Shape the Proviral Landscape. *Cell Host and Microbe*, **2017**, 21, 494-506.e4	23.4	176
23	Interpolated Markov models for eukaryotic gene finding. *Genomics*, **1999**, 59, 24-31	4.3	163
22	Sequence of Plasmodium falciparum chromosomes 2, 10, 11 and 14. *Nature*, **2002**, 419, 531-4	50.4	146
21	The human transcriptome: an unfinished story. *Genes*, **2012**, 3, 344-60	4.2	80
20	OperonDB: a comprehensive database of predicted operons in microbial genomes. *Nucleic Acids Research*, **2009**, 37, D479-82	20.1	75
19	Genome-wide annotation of microRNA primary transcript structures reveals novel regulatory mechanisms. *Genome Research*, **2015**, 25, 1401-9	9.7	62

#	Citation	IF	Cites
18	A computational survey of candidate exonic splicing enhancer motifs in the model plant Arabidopsis thaliana. *BMC Bioinformatics*, **2007**, 8, 159	3.6	60
17	Insight into the genome of Aspergillus fumigatus: analysis of a 922 kb region encompassing the nitrate assimilation gene cluster. *Fungal Genetics and Biology*, **2004**, 41, 443-53	3.9	50
16	Detection of lineage-specific evolutionary changes among primate species. *BMC Bioinformatics*, **2011**, 12, 274	3.6	15
15	Sim4cc: a cross-species spliced alignment program. *Nucleic Acids Research*, **2009**, 37, e80	20.1	14
14	Do-it-yourself genetic testing. *Genome Biology*, **2010**, 11, 404	18.3	12
13	DIAMUND: direct comparison of genomes to detect mutations. *Human Mutation*, **2014**, 35, 283-8	4.7	6
12	A Method to Improve the Performance of Translation Start Site Detection and Its Application for Gene Finding. *Lecture Notes in Computer Science*, **2002**, 210-219	0.9	5
11	Using GlimmerM to find genes in eukaryotic genomes. *Current Protocols in Bioinformatics*, **2002**, Chapter 4, Unit 4.4	24.2	4
10	Effectiveness and Safety of Wide Awake Local Anesthesia no Tourniquet (WALANT) Technique in Hand Surgery. *Revista De Chimie (discontinued)*, **2019**, 70, 3587-3591	1.8	4
9	Study on Epinephrine Used in Local Anesthesia Controversy and certainty. *Revista De Chimie (discontinued)*, **2018**, 69, 169-171	1.8	4
8	New insights into human hair: SAXS, SEM, TEM and EDX for Alopecia Areata investigations. *PeerJ*, **2020**, 8, e8376	3.1	3
7	Efficiency of Bromelain-Enriched Enzyme Mixture (NexoBrid) in the Treatment of Burn Wounds. *Applied Sciences (Switzerland)*, **2021**, 11, 8134	2.6	2
6	Computational gene finding in plants **2002**, 39-48		1
5	Omega plate for the treatment of acetabular fractures involving the quadrilateral plate. *Experimental and Therapeutic Medicine*, **2021**, 22, 1064	2.1	1
4	Genomics of Theileria Parva. *World Class Parasites*, **2002**, 85-92		1
3	Schwannoma of the Upper Limb: Retrospective Study of a Rare Tumor with Uncommon Locations. *Diagnostics*, **2022**, 12, 1319	3.8	1
2	Using Protein Domains to Improve the Accuracy of Ab Initio Gene Finding. *Lecture Notes in Computer Science*, **2007**, 208-215	0.9	
1	Reducing Capsular Contracture Formation in Breast Augmentation with Silicone Implants: Experimental Study on Rats. *Applied Sciences (Switzerland)*, **2022**, 12, 4056	2.6	