Mihaela Pertea

List of Publications by Year
in descending order

40 papers	23,071 citations	394421 19 h-index	330143 37 g-index
41 all docs	41 docs citations	41 times ranked	32561 citing authors

#	Article	IF	Citations
1	StringTie enables improved reconstruction of a transcriptome from RNA-seq reads. Nature Biotechnology, 2015, 33, 290-295.	17.5	8,385
2	Transcript-level expression analysis of RNA-seq experiments with HISAT, StringTie and Ballgown. Nature Protocols, 2016, 11, 1650-1667.	12.0	4,743
3	Automated eukaryotic gene structure annotation using EVidenceModeler and the Program to Assemble Spliced Alignments. Genome Biology, 2008, 9, R7.	9.6	2,484
4	Genomic sequence of the pathogenic and allergenic filamentous fungus Aspergillus fumigatus. Nature, 2005, 438, 1151-1156.	27.8	1,272
5	Genome Sequence of Aedes aegypti, a Major Arbovirus Vector. Science, 2007, 316, 1718-1723.	12.6	1,025
6	The genome of the blood fluke Schistosoma mansoni. Nature, 2009, 460, 352-358.	27.8	945
7	Draft Genome Sequence of the Sexually Transmitted Pathogen *Trichomonas vaginalis*. Science, 2007, 315, 207-212.	12.6	731
8	Genome sequence and comparative analysis of the model rodent malaria parasite Plasmodium yoelii yoelii. Nature, 2002, 419, 512-519.	27.8	666
9	GFF Utilities: GffRead and GffCompare. F1000Research, 2020, 9, 304.	1.6	579
10	Draft Genome of the Filarial Nematode Parasite *Brugia malayi*. Science, 2007, 317, 1756-1760.	12.6	571
11	Broad CTL response is required to clear latent HIV-1 due to dominance of escape mutations. Nature, 2015, 517, 381-385.	27.8	469
12	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.	11.0	289
13	Interpolated Markov Models for Eukaryotic Gene Finding. Genomics, 1999, 59, 24-31.	2.9	184
14	Sequence of Plasmodium falciparum chromosomes 2, 10, 11 and 14. Nature, 2002, 419, 531-534.	27.8	167
15	The Human Transcriptome: An Unfinished Story. Genes, 2012, 3, 344-360.	2.4	121
16	Genome-wide annotation of microRNA primary transcript structures reveals novel regulatory mechanisms. Genome Research, 2015, 25, 1401-1409.	5.5	91
17	OperonDB: a comprehensive database of predicted operons in microbial genomes. Nucleic Acids Research, 2009, 37, D479-D482.	14.5	83
18	A computational survey of candidate exonic splicing enhancer motifs in the model plant Arabidopsis thaliana. BMC Bioinformatics, 2007, 8, 159.	2.6	81

#	ARTICLE	IF	CITATIONS
19	Insight into the genome of Aspergillus fumigatus: analysis of a 922kb region encompassing the nitrate assimilation gene cluster. Fungal Genetics and Biology, 2004, 41, 443-453.	2.1	55
20	Detection of lineage-specific evolutionary changes among primate species. BMC Bioinformatics, 2011, 12, 274.	2.6	19
21	Sim4cc: a cross-species spliced alignment program. Nucleic Acids Research, 2009, 37, e80-e80.	14.5	16
22	Do-it-yourself genetic testing. Genome Biology, 2010, 11, 404.	8.8	16
23	Effectiveness and Safety of Wide Awake Local Anesthesia no Tourniquet (WALANT) Technique in Hand Surgery. Revista De Chimie (discontinued), 2019, 70, 3587-3591.	0.4	10
24	DIAMUND : Direct Comparison of Genomes to Detect Mutations. Human Mutation, 2014, 35, 283-288.	2.5	9
25	Study on Epinephrine Used in Local Anesthesia Controversy and certainty. Revista De Chimie (discontinued), 2018, 69, 169-171.	0.4	9
26	Efficiency of Bromelain-Enriched Enzyme Mixture (NexoBridâ„¢) in the Treatment of Burn Wounds. Applied Sciences (Switzerland), 2021, 11, 8134.	2.5	8
27	New insights into human hair: SAXS, SEM, TEM and EDX for Alopecia Areata investigations. PeerJ, 2020, 8, e8376.	2.0	7
28	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.	1.3	6
29	Using GlimmerM to Find Genes in Eukaryotic Genomes. Current Protocols in Bioinformatics, 2003, 00, Unit 4.4.	25.8	5
30	Raman Spectroscopy, X-ray Diffraction, and Scanning Electron Microscopy as Noninvasive Methods for Microstructural Alterations in Psoriatic Nails. Molecules, 2021, 26, 280.	3.8	5
31	Omega plate for the treatment of acetabular fractures involving the quadrilateral plate. Experimental and Therapeutic Medicine, 2021, 22, 1064.	1.8	5
32	Efficacy of Negative Pressure Therapy (NPWT) in the Management of Wounds of Different Etiologies. Revista De Chimie (discontinued), 2018, 69, 1980-1986.	0.4	3
33	Pain Intensity and Degree of Disability after Fragility Fractures of the Pelvis. Medicina (Lithuania), 2022, 58, 477.	2.0	2
34	Schwannoma of the Upper Limb: Retrospective Study of a Rare Tumor with Uncommon Locations. Diagnostics, 2022, 12, 1319.	2.6	2
35	Genomics of Theileria Parva. World Class Parasites, 2002, , 85-92.	0.3	1
36	Computational gene finding in plants. , 2002, , 39-48.		1

#	Article	IF	Citations
37	Reducing Capsular Contracture Formation in Breast Augmentation with Silicone Implants: Experimental Study on Rats. Applied Sciences (Switzerland), 2022, 12, 4056.	2.5	1
38	Searching for genes and biologically related signals in DNA sequences. , 2005, , .		0
39	Using Protein Domains to Improve the Accuracy of Ab Initio Gene Finding. Lecture Notes in Computer Science, 2007, , 208-215.	1.3	0
40	Mechanical Testing Following the Application of Polymers on Different Types of Screws Used to Fix Osteoporotic Bone. , 2021, , .		0