

Fredj Tekaiia

List of Publications by Year in Descending Order

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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.

61
papers

6,107
citations

32
h-index

62
g-index

62
ext. papers

6,649
ext. citations

7.6
avg. IF

4.68
L-index

#	Paper	IF	Citations
61	Enhancing Bioinformatics and Genomics Courses: Building Capacity and Skills via Lab Meeting Activities: Fostering a Culture of Critical Capacities to Read, Write, Communicate and Engage in Rigorous Scientific Exchanges. <i>BioEssays</i> , 2020 , 42, e2000134	4.1	
60	Designing and running an advanced Bioinformatics and genome analyses course in Tunisia. <i>PLoS Computational Biology</i> , 2019 , 15, e1006373	5	6
59	Genome Data Exploration Using Correspondence Analysis. <i>Bioinformatics and Biology Insights</i> , 2016 , 10, 59-72	5.3	9
58	Inferring Orthologs: Open Questions and Perspectives. <i>Genomics Insights</i> , 2016 , 9, 17-28	0	33
57	Investigation of secreted protein transcripts as early biomarkers for type 1 diabetes in the mouse model. <i>Gene</i> , 2013 , 512, 161-5	3.8	3
56	Complete DNA sequence of <i>Kuraishia capsulata</i> illustrates novel genomic features among budding yeasts (Saccharomycotina). <i>Genome Biology and Evolution</i> , 2013 , 5, 2524-39	3.9	33
55	Detection and characterization of megasatellites in orthologous and nonorthologous genes of 21 fungal genomes. <i>Eukaryotic Cell</i> , 2013 , 12, 794-803		7
54	SuperPartitions: detection and classification of orthologs. <i>Gene</i> , 2012 , 492, 199-211	3.8	8
53	Use of fine-needle aspiration for diagnosis of <i>Mycobacterium ulcerans</i> infection. <i>Journal of Clinical Microbiology</i> , 2010 , 48, 2263-4	9.7	9
52	Promiscuous DNA in the nuclear genomes of hemiascomycetous yeasts. <i>FEMS Yeast Research</i> , 2008 , 8, 846-57	3.1	37
51	Protection against <i>Mycobacterium ulcerans</i> lesion development by exposure to aquatic insect saliva. <i>PLoS Medicine</i> , 2007 , 4, e64	11.6	42
50	Reductive evolution and niche adaptation inferred from the genome of <i>Mycobacterium ulcerans</i> , the causative agent of Buruli ulcer. <i>Genome Research</i> , 2007 , 17, 192-200	9.7	296
49	Evolution of proteomes: fundamental signatures and global trends in amino acid compositions. <i>BMC Genomics</i> , 2006 , 7, 307	4.5	64
48	<i>Aspergillus fumigatus</i> : saprophyte or pathogen?. <i>Current Opinion in Microbiology</i> , 2005 , 8, 385-92	7.9	276
47	Genomic sequence of the pathogenic and allergenic filamentous fungus <i>Aspergillus fumigatus</i> . <i>Nature</i> , 2005 , 438, 1151-6	50.4	1114
46	Genome trees from conservation profiles. <i>PLoS Computational Biology</i> , 2005 , 1, e75	5	21
45	A human-curated annotation of the <i>Candida albicans</i> genome. <i>PLoS Genetics</i> , 2005 , 1, 36-57	6	249

44	Continued colonization of the human genome by mitochondrial DNA. <i>PLoS Biology</i> , 2004 , 2, E273	9.7	151
43	Genome evolution in yeasts. <i>Nature</i> , 2004 , 430, 35-44	50.4	1324
42	A novel design of whole-genome microarray probes for <i>Saccharomyces cerevisiae</i> which minimizes cross-hybridization. <i>BMC Genomics</i> , 2003 , 4, 38	4.5	27
41	Novel transporters from hemiascomycete yeasts. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2003 , 6, 19-28	0.9	3
40	Expressed sequence tag analysis of the human pathogen <i>Paracoccidioides brasiliensis</i> yeast phase: identification of putative homologues of <i>Candida albicans</i> virulence and pathogenicity genes. <i>Eukaryotic Cell</i> , 2003 , 2, 34-48		141
39	Otoancorin, an inner ear protein restricted to the interface between the apical surface of sensory epithelia and their overlying acellular gels, is defective in autosomal recessive deafness DFNB22. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 6240-5	11.5	133
38	Amino acid composition of genomes, lifestyles of organisms, and evolutionary trends: a global picture with correspondence analysis. <i>Gene</i> , 2002 , 297, 51-60	3.8	147
37	Transcript profiling in <i>Candida albicans</i> reveals new cellular functions for the transcriptional repressors CaTup1, CaMig1 and CaNrg1. <i>Molecular Microbiology</i> , 2001 , 42, 981-93	4.1	186
36	The decaying genome of <i>Mycobacterium leprae</i> . <i>Leprosy Review</i> , 2001 , 72,	0.6	3
35	Genomic exploration of the hemiascomycetous yeasts: 1. A set of yeast species for molecular evolution studies. <i>FEBS Letters</i> , 2000 , 487, 3-12	3.8	162
34	Genomic exploration of the hemiascomycetous yeasts: 3. Methods and strategies used for sequence analysis and annotation. <i>FEBS Letters</i> , 2000 , 487, 17-30	3.8	32
33	Genomic exploration of the hemiascomycetous yeasts: 4. The genome of <i>Saccharomyces cerevisiae</i> revisited. <i>FEBS Letters</i> , 2000 , 487, 31-6	3.8	64
32	Genomic exploration of the hemiascomycetous yeasts: 8. <i>Zygosaccharomyces rouxii</i> . <i>FEBS Letters</i> , 2000 , 487, 52-5	3.8	27
31	Genomic exploration of the hemiascomycetous yeasts: 15. <i>Pichia sorbitophila</i> . <i>FEBS Letters</i> , 2000 , 487, 87-90	3.8	11
30	Genomic exploration of the hemiascomycetous yeasts: 18. Comparative analysis of chromosome maps and synteny with <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 2000 , 487, 101-12	3.8	67
29	Genomic exploration of the hemiascomycetous yeasts: 19. Ascomycetes-specific genes. <i>FEBS Letters</i> , 2000 , 487, 113-21	3.8	40
28	Genomic exploration of the hemiascomycetous yeasts: 20. Evolution of gene redundancy compared to <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 2000 , 487, 122-33	3.8	42
27	Genomic exploration of the hemiascomycetous yeasts: 21. Comparative functional classification of genes. <i>FEBS Letters</i> , 2000 , 487, 134-49	3.8	21

26	Detection and genetic polymorphism of human herpes virus type 8 in endemic or epidemic Kaposi's sarcoma from West and Central Africa, and South America. <i>International Journal of Cancer</i> , 2000 , 85, 166-170	7.5	38
25	Pervasiveness of gene conservation and persistence of duplicates in cellular genomes. <i>Journal of Molecular Evolution</i> , 1999 , 49, 591-600	3.1	31
24	Analysis of the proteome of Mycobacterium tuberculosis in silico. <i>Tubercle and Lung Disease</i> , 1999 , 79, 329-42		239
23	Antigenic and genetic relationships between European very virulent infectious bursal disease viruses and an early West African isolate. <i>Avian Pathology</i> , 1999 , 28, 36-46	2.4	81
22	Seroepidemiological and molecular studies of human T cell lymphotropic virus type II, subtype b, in isolated groups of Mataco and Toba Indians of northern Argentina. <i>AIDS Research and Human Retroviruses</i> , 1999 , 15, 407-17	1.6	34
21	The Genomic Tree as Revealed from Whole Proteome Comparisons. <i>Genome Research</i> , 1999 , 9, 550-557	9.7	149
20	Molecular epidemiology of HTLV-II among United States blood donors and intravenous drug users: an age-cohort effect for HTLV-II RFLP type aO. <i>Virology</i> , 1998 , 242, 425-34	3.6	32
19	Deciphering the biology of Mycobacterium tuberculosis from the complete genome sequence. <i>Nature</i> , 1998 , 396, 190-190	50.4	70
18	Random exploration of the Kluyveromyces lactis genome and comparison with that of Saccharomyces cerevisiae. <i>Nucleic Acids Research</i> , 1998 , 26, 5511-24	20.1	43
17	Cloning and characterisation of a gene from Plasmodium vivax and P. knowlesi: homology with valine-tRNA synthetase. <i>Gene</i> , 1996 , 173, 137-45	3.8	2
16	Evidence in Gabon for an intrafamilial clustering with mother-to-child and sexual transmission of a new molecular variant of human T-lymphotropic virus type-II subtype B. <i>Journal of Medical Virology</i> , 1996 , 48, 22-32	19.7	22
15	Gag-specific cytotoxic responses to HIV type 1 are associated with a decreased risk of progression to AIDS-related complex or AIDS. <i>AIDS Research and Human Retroviruses</i> , 1995 , 11, 903-7	1.6	142
14	Isolation from human brain of six previously unreported cDNAs related to the reverse transcriptase of human endogenous retroviruses. <i>AIDS Research and Human Retroviruses</i> , 1995 , 11, 231-7	1.6	20
13	Isolation and molecular characterization of a human T-cell lymphotropic virus type II (HTLV-II), subtype B, from a healthy Pygmy living in a remote area of Cameroon: an ancient origin for HTLV-II in Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 4041-5	11.5	81
12	A new HTLV type II subtype A isolate in an HIV type 1-infected prostitute from Cameroon, Central Africa. <i>AIDS Research and Human Retroviruses</i> , 1995 , 11, 989-93	1.6	24
11	Tempo of neurogenesis and synaptogenesis in the primate cingulate mesocortex: comparison with the neocortex. <i>Journal of Comparative Neurology</i> , 1995 , 360, 363-76	3.4	53
10	Seroepidemiology, viral isolation, and molecular characterization of human T cell leukemia/lymphoma virus type I from La Réunion Island, Indian Ocean. <i>AIDS Research and Human Retroviruses</i> , 1994 , 10, 745-52	1.6	24
9	Molecular epidemiology of HTLV type I in Japan: evidence for two distinct ancestral lineages with a particular geographical distribution. <i>AIDS Research and Human Retroviruses</i> , 1994 , 10, 1557-66	1.6	32

8	Molecular characterization of the heat shock protein 90 gene of the human malaria parasite <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 1994 , 67, 157-70	1.9	60
7	In-vitro susceptibility of <i>Alcaligenes faecalis</i> compared with those of other <i>Alcaligenes</i> spp. to antimicrobial agents including seven beta-lactams. <i>Journal of Antimicrobial Chemotherapy</i> , 1993 , 32, 907-10	5.1	20
6	Electrophoretic patterns of esterases and lactate- and malate-dehydrogenases from <i>Alcaligenes</i> species. <i>Current Microbiology</i> , 1993 , 27, 79-84	2.4	
5	Seasonal increase of spontaneous histamine release in washed leucocytes from rhinitis patients sensitive to grass pollen. <i>Clinical and Experimental Immunology</i> , 1990 , 79, 385-91	6.2	7
4	Guanine content and <i>Dermatophagoides pteronyssinus</i> allergens in house dust samples. <i>Journal of Allergy and Clinical Immunology</i> , 1989 , 83, 926-33	11.5	24
3	T-immunogenic peptides are constituted of rare sequence patterns. Use in the identification of T epitopes in the human immunodeficiency virus gag protein. <i>European Journal of Immunology</i> , 1988 , 18, 1547-53	6.1	73
2	Objective comparison of exon and intron sequences by means of 2-dimensional data analysis methods. <i>Nucleic Acids Research</i> , 1988 , 16, 1729-38	20.1	13
1	<i>Aspergillus fumigatus</i> Specificities as Deduced from Comparative Genomics	29-38	