

Fredj Tekaiia

List of Publications by Year in descending order

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61
papers

7,208
citations

126907

33
h-index

138484

58
g-index

62
all docs

62
docs citations

62
times ranked

7652
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome evolution in yeasts. <i>Nature</i> , 2004, 430, 35-44.	27.8	1,498
2	Genomic sequence of the pathogenic and allergenic filamentous fungus <i>Aspergillus fumigatus</i> . <i>Nature</i> , 2005, 438, 1151-1156.	27.8	1,272
3	<i>Aspergillus fumigatus</i> : saprophyte or pathogen?. <i>Current Opinion in Microbiology</i> , 2005, 8, 385-392.	5.1	346
4	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.	5.5	345
5	A Human-Curated Annotation of the <i>Candida albicans</i> Genome. <i>PLoS Genetics</i> , 2005, 1, e1.	3.5	293
6	Analysis of the proteome of <i>Mycobacterium tuberculosis</i> in silico. <i>Tubercle and Lung Disease</i> , 1999, 79, 329-342.	2.1	277
7	The Genomic Tree as Revealed from Whole Proteome Comparisons. <i>Genome Research</i> , 1999, 9, 550-557.	5.5	213
8	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, 981-993.	2.5	207
9	Continued Colonization of the Human Genome by Mitochondrial DNA. <i>PLoS Biology</i> , 2004, 2, e273.	5.6	187
10	Genomic Exploration of the Hemiascomycetous Yeasts: 1. A set of yeast species for molecular evolution studies1. <i>FEBS Letters</i> , 2000, 487, 3-12.	2.8	186
11	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.	3.4	185
12	Amino acid composition of genomes, lifestyles of organisms, and evolutionary trends: a global picture with correspondence analysis. <i>Gene</i> , 2002, 297, 51-60.	2.2	171
13	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, 6240-6245.	7.1	163
14	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, 903-907.	1.1	162
15	Deciphering the biology of <i>Mycobacterium tuberculosis</i> from the complete genome sequence. <i>Nature</i> , 1998, 396, 190-190.	27.8	119
16	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, 4041-4045.	7.1	96
17	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.	2.0	91
18	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, 1547-1554.	2.9	83

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19	Evolution of proteomes: fundamental signatures and global trends in amino acid compositions. <i>BMC Genomics</i> , 2006, 7, 307.	2.8	77
20	Genomic Exploration of the Hemiascomycetous Yeasts: 4. The genome of <i>Saccharomyces cerevisiae</i> revisited. <i>FEBS Letters</i> , 2000, 487, 31-36.	2.8	75
21	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, 101-112.	2.8	71
22	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, 157-170.	1.1	65
23	Tempo of neurogenesis and synaptogenesis in the primate cingulate mesocortex: Comparison with the neocortex. <i>Journal of Comparative Neurology</i> , 1995, 360, 363-376.	1.6	63
24	Inferring Orthologs: Open Questions and Perspectives. <i>Genomics Insights</i> , 2016, 9, GEI.S37925.	3.0	50
25	Genomic Exploration of the Hemiascomycetous Yeasts: 20. Evolution of gene redundancy compared to <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 2000, 487, 122-133.	2.8	49
26	Protection against <i>Mycobacterium ulcerans</i> Lesion Development by Exposure to Aquatic Insect Saliva. <i>PLoS Medicine</i> , 2007, 4, e64.	8.4	49
27	Genomic Exploration of the Hemiascomycetous Yeasts: 19. Ascomycetes-specific genes. <i>FEBS Letters</i> , 2000, 487, 113-121.	2.8	47
28	Random exploration of the <i>Kluyveromyces lactis</i> genome and comparison with that of <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 1998, 26, 5511-5524.	14.5	45
29	Promiscuous DNA in the nuclear genomes of hemiascomycetous yeasts. <i>FEMS Yeast Research</i> , 2008, 8, 846-857.	2.3	42
30	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.	5.1	42
31	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, 1557-1566.	1.1	39
32	Complete DNA Sequence of <i>Kuraishia capsulata</i> Illustrates Novel Genomic Features among Budding Yeasts (<i>Saccharomycotina</i>). <i>Genome Biology and Evolution</i> , 2013, 5, 2524-2539.	2.5	39
33	Pervasiveness of Gene Conservation and Persistence of Duplicates in Cellular Genomes. <i>Journal of Molecular Evolution</i> , 1999, 49, 591-600.	1.8	37
34	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, 407-417.	1.1	37
35	Genomic Exploration of the Hemiascomycetous Yeasts: 3. Methods and strategies used for sequence analysis and annotation. <i>FEBS Letters</i> , 2000, 487, 17-30.	2.8	37
36	Molecular Epidemiology of HTLV-II among United States Blood Donors and Intravenous Drug Users: An Age-Related Cohort Effect for HTLV-II RFLP Type a0. <i>Virology</i> , 1998, 242, 425-434.	2.4	35

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37	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, 989-993.	1.1	33
38	Guanine content and allergens in house dust samples. <i>Journal of Allergy and Clinical Immunology</i> , 1989, 83, 926-933.	2.9	32
39	The decaying genome of <i>Mycobacterium leprae</i> . <i>Leprosy Review</i> , 2001, 72, .	0.3	31
40	Genomic Exploration of the Hemiascomycetous Yeasts: 8. <i>Zygosaccharomyces rouxii</i> . <i>FEBS Letters</i> , 2000, 487, 52-55.	2.8	30
41	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, 745-752.	1.1	29
42	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. , 1996, 48, 22-32.		29
43	A novel design of whole-genome microarray probes for <i>Saccharomyces cerevisiae</i> which minimizes cross-hybridization. <i>BMC Genomics</i> , 2003, 4, 38.	2.8	29
44	Genome Trees from Conservation Profiles. <i>PLoS Computational Biology</i> , 2005, 1, e75.	3.2	24
45	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, 231-237.	1.1	23
46	Genomic Exploration of the Hemiascomycetous Yeasts: 21. Comparative functional classification of genes. <i>FEBS Letters</i> , 2000, 487, 134-149.	2.8	23
47	In-vitro susceptibility of <i>Alcaligenes faecalis</i> compared with those of other <i>Alcaligenes</i> spp. to antimicrobial agents including seven β -lactams. <i>Journal of Antimicrobial Chemotherapy</i> , 1993, 32, 907-910.	3.0	22
48	Genome Data Exploration Using Correspondence Analysis. <i>Bioinformatics and Biology Insights</i> , 2016, 10, BBI.S39614.	2.0	18
49	Objective comparison of exon and intron sequences by the mean of 2-dimensional data analysis methods. <i>Nucleic Acids Research</i> , 1988, 16, 1729-1728.	14.5	17
50	Genomic Exploration of the Hemiascomycetous Yeasts: 15. <i>Pichia sorbitophila</i> . <i>FEBS Letters</i> , 2000, 487, 87-90.	2.8	14
51	Use of Fine-Needle Aspiration for Diagnosis of <i>Mycobacterium ulcerans</i> Infection. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2263-2264.	3.9	12
52	Detection and Characterization of Megsatellites in Orthologous and Nonorthologous Genes of 21 Fungal Genomes. <i>Eukaryotic Cell</i> , 2013, 12, 794-803.	3.4	12
53	SuperPartitions: Detection and classification of orthologs. <i>Gene</i> , 2012, 492, 199-211.	2.2	11
54	Seasonal increase of spontaneous histamine release in washed leucocytes from rhinitis patients sensitive to grass pollen. <i>Clinical and Experimental Immunology</i> , 2008, 79, 385-391.	2.6	7

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55	Designing and running an advanced Bioinformatics and genome analyses course in Tunisia. PLoS Computational Biology, 2019, 15, e1006373.	3.2	6
56	Novel Transporters from Hemiascomycete Yeasts. Journal of Molecular Microbiology and Biotechnology, 2003, 6, 19-28.	1.0	3
57	Investigation of secreted protein transcripts as early biomarkers for type 1 diabetes in the mouse model. Gene, 2013, 512, 161-165.	2.2	3
58	Cloning and characterisation of a gene from Plasmodium vivax and P. knowlesi: homology with valine-tRNA synthetase. Gene, 1996, 173, 137-145.	2.2	2
59	Electrophoretic patterns of esterases and lactate- and malate-dehydrogenases from Alcaligenes species. Current Microbiology, 1993, 27, 79-84.	2.2	0
60	Enhancing Bioinformatics and Genomics Courses: Building Capacity and Skills via Lab Meeting Activities. BioEssays, 2020, 42, 2000134.	2.5	0
61	Aspergillus fumigatus Specificities as Deduced from Comparative Genomics. , 0, , 29-38.		0