Einat Hazkani-Covo

List of Publications by Year
in descending order

24 papers	1,796 citations	687363 13 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	2819 citing authors

#	Article	IF	Citations
1	A Burst of Numt Insertion in the Dasyuridae Family During Marsupial Evolution. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	6
2	Protein innovation through template switching in the Saccharomyces cerevisiae lineage. Scientific Reports, 2021, 11, 22558.	3.3	1
3	Alternative Functional rad21 Paralogs in Fusarium oxysporum. Frontiers in Microbiology, 2019, 10, 1370.	3.5	3
4	Limited DNA repair gene repertoire in Ascomycete yeast revealed by comparative genomics. Genome Biology and Evolution, 2019, 11, 3409-3423.	2.5	15
5	Failure to Recover Major Events of Gene Flux in Real Biological Data Due to Method Misapplication. Genome Biology and Evolution, 2018, 10, 1198-1209.	2.5	4
6	The Prevalence and Evolutionary Conservation of Inverted Repeats in Proteobacteria. Genome Biology and Evolution, 2018, 10, 918-927.	2.5	19
7	Mosaic mitochondrial-plastid insertions into the nuclear genome show evidence of both non-homologous end joining and homologous recombination. BMC Evolutionary Biology, 2018, 18, 162.	3.2	15
8	Whole Genome Sequence Analysis of Mutations Accumulated in rad27 Î" Yeast Strains with Defects in the Processing of Okazaki Fragments Indicates Template-Switching Events. G3: Genes, Genomes, Genetics, 2017, 7, 3775-3787.	1.8	8
9	Quantifying the Number of Independent Organelle DNA Insertions in Genome Evolution and Human Health. Genome Biology and Evolution, 2017, 9, 1190-1203.	2.5	24
10	Endosymbiotic gene transfer from prokaryotic pangenomes: Inherited chimerism in eukaryotes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10139-10146.	7.1	102
11	Endosymbiotic origin and differential loss of eukaryotic genes. Nature, 2015, 524, 427-432.	27.8	251
12	Nonrandom Distribution of Interhomolog Recombination Events Induced by Breakage of a Dicentric Chromosome inSaccharomyces cerevisiae. Genetics, 2013, 194, 69-80.	2.9	16
13	High-Resolution Genome-Wide Analysis of Irradiated (UV and Î³-Rays) Diploid Yeast Cells Reveals a High Frequency of Genomic Loss of Heterozygosity (LOH) Events. Genetics, 2012, 190, 1267-1284.	2.9	71
14	Directed networks reveal genomic barriers and DNA repair bypasses to lateral gene transfer among prokaryotes. Genome Research, 2011, 21, 599-609.	5.5	215
15	LINKING BIG: THE CONTINUING PROMISE OF EVOLUTIONARY SYNTHESIS. Evolution; International Journal of Organic Evolution, 2010, 64, 871-880.	2.3	48
16	Molecular Poltergeists: Mitochondrial DNA Copies (numts) in Sequenced Nuclear Genomes. PLoS Genetics, 2010, 6, e1000834.	3.5	522
17	Mitochondrial Insertions into Primate Nuclear Genomes Suggest the Use of numts as a Tool for Phylogeny. Molecular Biology and Evolution, 2009, 26, 2175-2179.	8.9	48
18	Numt-Mediated Double-Strand Break Repair Mitigates Deletions during Primate Genome Evolution. PLoS Genetics, 2008, 4, e1000237.	3.5	106

#	Article	IF	Citations
19	A Comparative Analysis of numt Evolution in Human and Chimpanzee. Molecular Biology and Evolution, 2007, 24, 13-18.	8.9	113
20	In search of the vertebrate phylotypic stage: A molecular examination of the developmental hourglass model and von Baer's third law. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2005, 304B, 150-158.	1.3	67
21	Evolutionary conservation of bacterial operons: does transcriptional connectivity matter?. Genetica, 2005, 124, 145-166.	1.1	5
22	Evolution of multicellularity in Metazoa: comparative analysis of the subcellular localization of proteins in Saccharomyces, Drosophila and Caenorhabditis. Cell Biology International, 2004, 28, 171-178.	3.0	11
23	Evolutionary Dynamics of Large Numts in the Human Genome: Rarity of Independent Insertions and Abundance of Post-Insertion Duplications. Journal of Molecular Evolution, 2003, 56, 169-174.	1.8	110
24	The Evolutionary History of Prosaposin: Two Successive Tandem-Duplication Events Gave Rise to the Four Saposin Domains in Vertebrates. Journal of Molecular Evolution, 2002, 54, 30-34.	1.8	16