

Published papers

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Hughes T, Hyun Y and Liberles DA. Visualising very large phylogenetic trees in three dimensional hyperbolic space. BMC Bioinformatics. BMC Bioinformatics. 2004 Apr 29;5:48. (research article, software) Hughes T and Rusten TE. Origin and evolution of self-consumption: Autophagy. Origins and evolution of eukaryotic endomembranes and cytoskeletons edited by Gaspar Jekely. Landes Bioscience. 2006 (book chapter; electronically published on pubmed books). Hughes T, Ekman D, Ardawatia H, Elofsson A, Liberles DA. Gene duplication, whole genome duplication, and Paramecium tetraurelia. Genome Biology 2007, 8:213 (mini review article) Hughes T and Liberles DA. The pattern of evolution of smaller-scale gene duplicates in mammalian genomes is more consistent with neo- than sub-functionalisation. Journal of Molecular Evolution 2007 Nov; 65(5):574-88 (research article - supplementary materials) Hughes T and Liberles DA. The power law distribution of gene family size is driven by the pseudogenisation rate's heterogeneity between gene families. Gene 2008 May 15;414(1-2):85-94 (research article - supplementary materials) Hughes T and Liberles DA. The whole genome duplications in the ancestral vertebrate are detectable in the distribution of gene family sizes of tetrapod species. Journal of Molecular Evolution. 2008 Sep 25 (research article)