

CHUANG, Jeffrey H.

Boston College, Chestnut Hill, USA

Selected Scholarly Contributions [Data Provided by **SCOPUS**]

[A molecular-imprint nanosensor for ultrasensitive detection of proteins](#)

Nature Nanotechnology, 2010. Article in Press.

[A systematic approach to identify functional motifs within vertebrate developmental enhancers](#)

Developmental Biology, 337 (2), pp. 484-495, 2010.

[The effect of Plasmodium falciparum Sir2a histone deacetylase on clonal and longitudinal variation in expression of the var family of virulence genes](#)

International Journal for Parasitology, 40 (1), pp. 35-43, 2010.

[COMIT: Identification of noncoding motifs under selection in coding sequences](#)

Genome Biology, 10 (11), art. no. R133, 2009.

[Weak preservation of local neutral substitution rates across mammalian genomes](#)

BMC Evolutionary Biology, 9 (1), art. no. 89, 2009.

[Cardiolipin and electron transport chain abnormalities in mouse brain tumor mitochondria: Lipidomic evidence supporting the Warburg theory of cancer](#)

Journal of Lipid Research, 49 (12), pp. 2545-2556, 2008.

[cneViewer: A database of conserved non-coding elements for studies of tissue-specific gene regulation](#)

Bioinformatics, 24 (20), pp. 2418-2419, 2008.

[Brain mitochondrial lipid abnormalities in mice susceptible to spontaneous gliomas](#)

Lipids, 43 (10), pp. 951-959, 2008.

[Measuring the prevalence of regional mutation rates: An analysis of silent substitutions in mammals, fungi, and insects](#)

BMC Evolutionary Biology, 8 (1), art. no. 186, 2008.

[Lipidomic analysis and electron transport chain activities in C57BL/6J mouse brain mitochondria](#)

Journal of Neurochemistry, 106 (1), pp. 299-312, 2008.

[Sequences conserved by selection across mouse and human malaria species](#)

BMC Genomics, 8, art. no. 372, 2007.

[Similarity of synonymous substitution rates across mammalian genomes](#)

Journal of Molecular Evolution, 65 (3), pp. 236-248. 2007.

[Genome-wide regulatory complexity in yeast promoters: Separation of functionally conserved and neutral sequence](#)

Genome Research, 15 (2), pp. 205-213, 2005.