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

Analysis of gene expression in prostate cancer epithelial and interstitial stromal cells using laser capture microdissection

BMC Cancer, 10, art. no. 165, 2010.

Effects of cadmium exposure and intermittent anoxia on nitric oxide metabolism in eastern oysters, *Crassostrea virginica*

Journal of Experimental Biology, 213 (3), pp. 433-444, 2010.

Comparative mitochondrial genomics of freshwater mussels (Bivalvia: Unionoida) with doubly uniparental inheritance of mtDNA: Gender-specific open reading frames and putative origins of replication

Genetics, 183 (4), pp. 1575-1589, 2009.

Uncovering androgen responsive regulatory networks in prostate cancer

OCCBIO'09: 2009 Ohio Collaborative Conference on Bioinformatics, art. no. 5159171, pp. 99-103, 2009.

Discovery of novel targets for multi-epitope vaccines: Screening of HIV-1 genomes using association rule mining

Retrovirology, 6, art. no. 62, 2009.

Molecular characterization and expression of a novel homolog of uncoupling protein 5 (UCP5) from the eastern oyster *Crassostrea virginica* (Bivalvia: Ostreidae)

Comparative Biochemistry and Physiology - Part D: Genomics and Proteomics, 4 (2), pp. 121-127, 2009.

Cross-species mapping of bidirectional promoters enables prediction of unannotated 5' UTRs and identification of species-specific transcripts

BMC Genomics, 10, art. no. 189, 2009.

Extreme primary and secondary protein structure variability in the chimeric male-transmitted cytochrome c oxidase subunit II protein in freshwater mussels: Evidence for an elevated amino acid substitution rate in the face of domain-specific purifying selection

BMC Evolutionary Biology, 8 (1), art. no. 165, 2008.

Evolutionary relationships of *Popenaias popeii* and the early evolution of lampsiline bivalves (unionidae): Phylogenetic analyses of DNA and amino acid sequences from f and M mitochondrial genomes

Malacologia, 50 (1-2), pp. 303-318, 2008.

Evolutionary conservation of zinc finger transcription factor binding sites in promoters of genes co-expressed with WT1 in prostate cancer

BMC Genomics, 9, art. no. 337, 2008.

Comprehensive immunological evaluation reveals surprisingly few differences between elite controller and progressor Mamu-B*17-positive simian immunodeficiency virus-infected rhesus macaques

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Functional diversification of the toll-like receptor gene family

Immunogenetics, 60 (5), pp. 249-256, 2008.

Nucleotide sequence polymorphism in circoviruses

Infection, Genetics and Evolution, 8 (2), pp. 130-138, 2008.

[SNPMiner: A domain-specific deep web mining tool](#)

Proceedings of the 7th IEEE International Conference on Bioinformatics and Bioengineering, BIBE, pp. 192-199, 2007.

[Graph and topological structure mining on scientific articles](#)

Proceedings of the 7th IEEE International Conference on Bioinformatics and Bioengineering, BIBE, pp. 1318-1322, 2007.

[Identification of novel light-induced genes in the suprachiasmatic nucleus](#)

BMC Neuroscience, 8, art. no. 98, 2007.

[CD8+ T cells from SIV elite controller macaques recognize mamu-B*08-bound epitopes and select for widespread viral variation](#)

PLoS ONE, 2 (11), art. no. e1152, 2007.

[Rapid fixation of a distinctive sequence motif in the 3' noncoding region of the clade of West Nile virus invading North America](#)

Gene, 399 (2), pp. 152-161, 2007.