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

[Understanding sequence variability of RNA motifs using geometric search and IsoDiscrepancy matrices](#)
OCCEBIO'09: 2009 Ohio Collaborative Conference on Bioinformatics, art. no. 5159159, pp. 45-50, 2009.

[Classification and energetics of the base-phosphate interactions in RNA](#)
Nucleic Acids Research, 37 (15), pp. 4898-4918, 2009.

[The RNA structure alignment ontology](#)
RNA, 15 (9), pp. 1623-1631, 2009.

[Frequency and isostericity of RNA base pairs](#)
Nucleic Acids Research, 37 (7), pp. 2294-2312, 2009.

[Annotation of tertiary interactions in RNA structures reveals variations and correlations](#)
RNA, 14 (12), pp. 2465-2477, 2008.

[TokenRNA: A new type of sequence-specific, label-free fluorescent biosensor for folded RNA molecules](#)
ChemBioChem, 9 (12), pp. 1902-1905, 2008.

[Specific RNA self-assembly with minimal paranemic motifs](#)
Journal of the American Chemical Society, 130 (1), pp. 93-102, 2008.

[FR3D: Finding local and composite recurrent structural motifs in RNA 3D structures](#)
Journal of Mathematical Biology, 56 (1-2), pp. 215-252, 2008.