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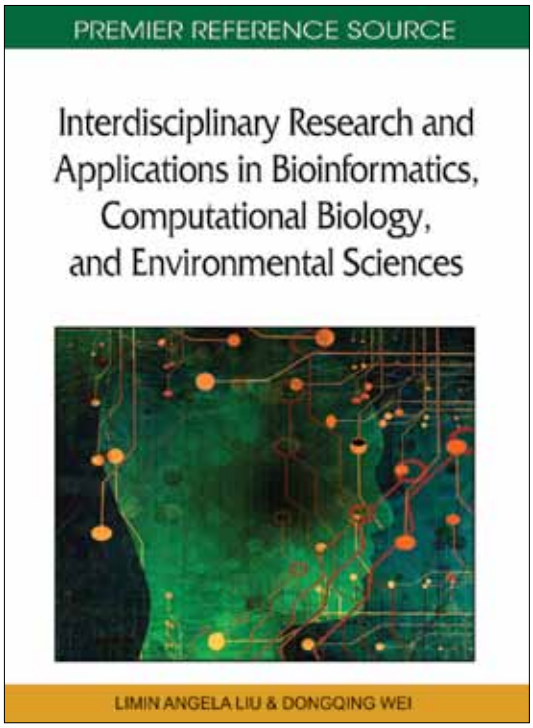
Interdisciplinary Research and Applications in Bioinformatics, Computational Biology, and Environmental Sciences



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The advancement of high-throughput technologies that generate large scale biological data, as well as the development of related computational tools, has united global efforts and brought revolutionary changes to the research of biology during the last decade. Nowadays, biologists work with scientists and engineers from a broad spectrum of disciplines to unravel how complex biological systems work.

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Limin Angela Liu, PhD, obtained her BSc degree from Tsinghua University, Beijing and her PhD degree from Carnegie Mellon University, USA. After postdoctoral research at Johns Hopkins University, USA, she became Associate Professor at Shanghai Jiao Tong University. Her recent work includes the establishment of an ab initio method for the prediction of transcription factor binding sites and a novel "tethered-hopping model" for describing the effects of protein-protein interactions on the formation and stability of ternary protein-DNA complexes.

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