

**TABLE OF CONTENTS**  
**Volume 1, Number 2, August 2010**

<b>Distance-dependent coherent charge transport in DNA: crossover from tunneling to free propagation</b> N. V. Grib, D. A. Ryndyk, R. Gutiérrez, G. Cuniberti.....	77
<b>Curvature-driven lipid sorting: coarse-grained dynamics simulations of a membrane mimicking a hemifusion intermediate</b> M. Nishizawa, K. Nishizawa.....	86
<b>Identification of potential <i>P. falciparum</i> transketolase inhibitors: pharmacophore design, <i>in silico</i> screening and docking studies</b> S. Joshi, A. R. Singh, U. Saqib, P. C. Misra, M. I. Siddiqi, J. K. Saxena.....	96
<b>Structure-activity relationship and folding of recombinant <i>Escherichia coli</i> dihydro folate reductase (DHFR) enzyme through biochemical and biophysical approaches</b> J. Mittal, G. Ravitchandirane, T. K. Chaudhuri, P. Chattopadhyay.....	105
<b>Biological effects of EV71 infection in neural cells</b> X. Cao, L.-C. Wang, L.-D. Liu, Y. Liao, C.-H. Dong, Q.-H. Li.....	113
<b>Overtone spectra of porphyrins and its substituted forms: an algebraic approach</b> S. R. Karumuri, A. S. R. Prasad, N. K. Sarkar, J. Choudhury, R. Bhattacharjee.....	119