

# Marek Kochańczyk

## Lista publikacji

z dnia 31 października 2014

### Publikacje w czasopismach

1. Kochańczyk M., Jaruszewicz J., Lipniacki T., 2013, ***Stochastic transitions in a bistable reaction system on the membrane***, *Journal of the Royal Society Interface* 10(84): 20130151.
2. Pękański J., Zuk P.J., Kochańczyk M., Junkin M., Kellogg R., Tay S., Lipniacki T., 2013, ***Stochastic NF- $\kappa$ B activation by autocrine TNF $\alpha$  signaling: A computational analysis***, *PLOS ONE* 8(11): e78887.
3. Bogdał M., Hat B., Kochańczyk M., Lipniacki T., 2013, ***Levels of pro-apoptotic regulator Bad and anti-apoptotic regulator Bcl-x<sub>L</sub> determine the type of the apoptotic logic gate***, *BMC Systems Biology* 7: 67.
4. Zuk P.J., Kochańczyk M., Jaruszewicz J., Bednorz W., Lipniacki T., 2012, ***Dynamics of a stochastic spatially extended system predicted by comparing deterministic and stochastic attractors of the corresponding birth–death process***, *Physical Biology* 9(5): 055002.
5. Kochańczyk M., 2011, ***Prediction of functionally important residues in globular proteins from unusual central distances of amino acids***, *BMC Structural Biology* 11: 34.
6. Prymula K., Piwowar M., Kochańczyk M., Flis Ł., Malawski M., Szepieniec T., Evangelista G., Minervini G., Polticelli F., Wiśniowski Z., Sałapa K., Matczyńska E., Roterman I., 2009, ***In silico structural study of random amino acid sequence proteins not present in nature***, *Chemistry & Biodiversity* 6(12): 2311–36.
7. Bryliński M., Prymula K., Jurkowski W., Kochańczyk M., Stawowczyk E., Konieczny L., Roterman I., 2007, ***Prediction of functional sites based on the fuzzy oil drop model***, *PLoS Computational Biology* 3(5): e94.
8. Bryliński M., Kochańczyk M., Broniatowska E., Roterman I., 2007, ***Localization of ligand binding site in proteins identified in silico***, *Journal of Molecular Modeling* 13(6-7): 665–75.