

Bahman Ghadirian

Publications:

1. **Ghadirian B.**, Stait-Gardner T., Castillo R, and Price. W. S., Modelling Diffusive Surface Interactions in Restricted Systems Using the Heat Kernel Expansion, *Journal of Chemical Physics*, 132, 1 (2010).
2. **Ghadirian B.**, Price. W. S., Modelling Diffusion in Annular Geometries, *Journal of Magnetic Resonance* (2010) *Journal of Chemical Physics* 132(23), Article number 234108
3. **Ghadirian B.**, Stait-Gardner T., Hennessey A., and Price. W. S., Energy Dissipation in Porous Medium for Equilibrium and Nonequilibrium Translational Motions, *Journal of Diffusion Fundamental*, 15 (2011) 1, pp 1-21
4. **Ghadirian, B.** and Castillo R., A New Regularization Procedure for the Casimir Energy Associated with a Massive Scalar Field (In preparation).