

Publications in Lattice Boltzmann Method

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3. Jeong, N., D. H. Choi, and **C.-L. Lin**, "Prediction of Darcy-Forchheimer drag for micro-porous structures of complex geometry using Lattice-Boltzmann method," *Journal of Micromechanics and Microengineering*, Vol. 16, pp. 2240-2250, **2006**.
4. Jeong, N., **C.-L. Lin**, and D. H. Choi, "Lattice Boltzmann Simulation of Three-Dimensional Gas Microchannel," *Journal of Micromechanics and Microengineering*, Vol. 16, pp. 1741-1751, **2006**.
5. Kurtoglu, I. O. and **C.-L. Lin**, "Lattice Boltzmann Study of Bubble Dynamics," *Numerical Heat Transfer, Part B: Fundamentals*, Vol. 50 (4), pp. 333-351, **2006**.
6. Lee, T., **C.-L. Lin**, and L. D. Chen, "A Lattice Boltzmann Algorithm for the Laminar Jet Diffusion Flame," *Journal of Computational Physics*, Vol. 215, pp. 133-152, **2006**.
7. Lee, T. and **C.-L. Lin**, "Rarefaction and compressibility effects of the lattice Boltzmann equation method in a gas microchannel," *Physical Review E*, E 71, 046706, pp. 1-10, **2005**.
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12. Lai, Y.G., **C.-L. Lin**, and J. Huang, "Accuracy and Efficiency Study of Lattice Boltzmann Method for Steady Flow Simulations," *Numerical Heat Transfer, Part B: Fundamentals*, Vol. 39, pp. 21-43, **2001**.
13. **Lin, C.-L.** and Y.G. Lai, "Lattice Boltzmann method on composite grids," *Physical Review E*, Vol. 62 (2), pp. 2219-2225, **2000**.