

F. Jamshidi, H. Heibel, M. Hasert, X. Cai, O. Deutschmann, H. Marschall, M. Wörner.
On suitability of phase-field and algebraic volume-of-fluid OpenFOAM® solvers for gas–liquid
microfluidic applications.
Comput. Phys. Commun. 236 (2019) 72-85, doi:10.1016/j.cpc.2018.10.015

Correction:

The second paragraph in Subsection 4.1 (page 77 of the paper) contains a misprint. The indicated values for the liquid and gas viscosity of 0.001 Pa s are not correct. The correct values as used in the numerical simulations are $\mu_L = \mu_G = 0.01$ Pa s.