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- Publications
- Solute transport by flow yields geometric shocks in shape evolution**
Huang, J. M., Tong, J., Ristroph, L., & Shelley, M. (2018).
In preparation
 - Solving Stefan problem with natural convection using Immersed Boundary Smooth Extension (IBSE)**
Huang, J. M., Stein, D. B., & Shelley, M. (2018).
In preparation
 - Rayleigh-Bénard convection with side wall heating**
Huang, J. M., & Zhang, J. (2018).
In preparation
 - 3D shadowgraph technique visualizes thermal convection**
Huang, J. M., & Zhang, J. (2018).
In preparation
 - Shape dependent flight stability and the origin of oriented meteorites**
Amin, K., Huang, J. M., Hu, K. J., Zhang, J & Ristroph, L. (2018).
submitted to Proceedings of the National Academy of Sciences
 - Stochastic dynamics of fluid–structure interaction in turbulent thermal convection**
Huang, J. M., Mertz, L., Zhong, J. & Zhang, J. (2018).
Journal of Fluid Mechanics (Rapids), 854. doi:10.1017/jfm.2018.683
 - Self-sculpting of a dissolvable body due to gravitational convection**
Davies Wykes, M., Huang, J. M., Hajaar, G., & Ristroph, L. (2018).
Physical Review Fluids, 3. doi:10.1103/PhysRevFluids.3.043801
 - Shape dynamics and scaling laws for a body dissolving in fluid flow**
Huang, J. M., Moore, M. N., & Ristroph, L. (2015).
Journal of Fluid Mechanics (Rapids), 765. doi:10.1017/jfm.2014.718