

Journal Papers

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- Masilamani, Kannan, Suvankar Ganguly, Christian Feichtinger, Dominik Bartuschat, and Ulrich Rde. “Effects of surface roughness and electrokinetic heterogeneity on electroosmotic flow in microchannel”. In: *Fluid Dynamics Research* 47.3 (2015), p. 035505. ISSN: 0169-5983. DOI: 10.1088/0169-5983/47/3/035505.
- Hasert, Manuel, Kannan Masilamani, Simon Zimny, Harald Klimach, Jiaxing Qi, Jrg Bernsdorf, and Sabine Roller. “Complex fluid simulations with the parallel tree-based Lattice Boltzmann solver Musubi”. In: *Journal of Computational Science* 5.5 (Sept. 2014), pp. 784–794. ISSN: 1877-7503. DOI: 10.1016/j.jocs.2013.11.001.
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- Masilamani, Kannan, Harald Klimach, and Sabine Roller. “Highly Efficient Integrated Simulation of Electro-Membrane Processes for Desalination of Sea Water”. In: *High Performance Computing in Science and Engineering '15*. Ed. by Wolfgang E. Nagel, Dietmar B. Krner, and Michael M. Resch. Springer Cham Heidelberg New York Dordrecht London, 2015, pp. 579–590. ISBN: 978-3-319-24631-4. DOI: 10.1007/978-3-319-24633-8_37.
- “Highly Efficient Integrated Simulation of Electro-Membrane Processes for Desalination of Sea Water”. In: *High Performance Computing in Science and Engineering '14*. Ed. by Wolfgang E. Nagel, Dietmar B. Krner, and Michael M. Resch. Springer Cham Heidelberg New York Dordrecht London, 2014, pp. 533–543. ISBN: 978-3-319-10809-4. DOI: 10.1007/978-3-319-10810-0_35.
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