

研究業績リスト

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■ 国際会議発表論文 33件

- 1) Kosuke Suzuki, Takaji Inamuro, and Masato Yoshino, “Asymptotic equivalence of forcing schemes in lattice Boltzmann method within second-order accuracy,” Abstracts of the 29th International Conference on Discrete Simulation of Fluid Dynamics, Viterbo, Italy (2020) (accepted).
- 2) Masato Yoshino, Jumpei Sawada, and Kosuke Suzuki, “Lattice Boltzmann simulation of behavior of binary water droplets approaching each other in cloud,” Abstracts of the 27th International Conference on Discrete Simulation of Fluid Dynamics, Worcester Polytechnic Institute, Massachusetts, USA (2018).
- 3) Kosuke Suzuki, Takaaki Aoki, and Masato Yoshino, “Effect of chord-wise wing flexibility on flapping flight by a butterfly-like flapping wing–body model: immersed boundary–lattice Boltzmann simulations,” Abstracts of the 27th International Conference on Discrete Simulation of Fluid Dynamics, Worcester Polytechnic Institute, Massachusetts, USA (2018).
- 4) Kosuke Suzuki, Tomohiro Katagiri, and Masato Yoshino, “An immersed boundary–lattice Boltzmann method using discontinuities of stress tensor and heat flux vector on boundaries,” Abstracts of the 26th International Conference on Discrete Simulation of Fluid Dynamics, p. 112, Erlangen, Germany (2017).
- 5) Kosuke Suzuki, Iori Okada, and Masato Yoshino, “Effect of wing mass in free flight by a butterfly-like 3D flapping wing-body model,” Abstracts of 69th Annual Meeting of the APS Division of Fluid Dynamics, G20.00007, Portland, USA (2016).
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- 11) Kentaro Yaji, Takayuki Yamada, Masato Yoshino, Toshiro Matsumoto, Kazuhiro Izui, and Shinji Nishiwaki, Level set-based topology optimization for design of a fluid channel considering thermal effects using the lattice Boltzmann method, 8th China–Japan–Korea Joint Symposium on Optimization of Structural and Mechanical Systems (CJK-OSM8), May 25-29, 2014, Gyeongju, Korea, T2A-3-151 (1 page).
- 12) Kentaro Yaji, Takayuki Yamada, Masato Yoshino, Toshiro Matsumoto, Kazuhiro Izui, and Shinji Nishiwaki, Level set-based topology optimization method for flow channel problem using lattice Boltzmann method, 5th Asia Pacific Congress on Computational Mechanics (APCOM2013) and 4th International Symposium on Computational Mechanics (ISCM2013), December 11-14, 2013, Singapore, No.1517 (1 page).
- 13) Masato Yoshino and Shingo Katsumi, Lattice Boltzmann simulation of motion of red blood cells in constricted pipe flows, 4th International Conference on Jets, Wakes and Separated Flows (ICJWSF2013), September 17-21, 2013, Nagoya, Japan, ICJWSF2013-1176 (6 pages).
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