

Tatsuya Kawaguchi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9611132/publications.pdf>

Version: 2024-02-01

16
papers

15
citations

2682572

2
h-index

2272923

4
g-index

16
all docs

16
docs citations

16
times ranked

15
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effect of shear-thinning behavior on interface renewal in partially filled single rotor mixing. Journal of Thermal Science and Technology, 2022, 17, 22-00020-22-00020. | 1.1 | 3 |
| 2 | Effect of shear-thinning behavior on fluid temperature distribution mixed by single rotor. Journal of Thermal Science and Technology, 2022, 17, 22-00122-22-00122. | 1.1 | 0 |
| 3 | Droplet breakup of a high-viscosity-ratio system in a nonuniform temperature field under laser irradiation. Physics of Fluids, 2021, 33, . | 4.0 | 4 |
| 4 | Evaluation of heating performance and its impact on surface transcription by rapid heating mold using thin electric heater. AIP Conference Proceedings, 2019, , . | 0.4 | 0 |
| 5 | Improvement of Thermal Conductivity of Carbon Fiber-Filled Polymer Composites using Flow-Induced Fiber Orientation. Seikei-Kakou, 2019, 31, 126-128. | 0.0 | 0 |
| 6 | Prediction of Instantaneous Dielectric Breakdown Voltage of Filler Dispersed Polymer Composites. Netsu Bussei, 2017, 31, 131-136. | 0.1 | 0 |
| 7 | Dispersion control of immiscible polymer blend using selective heating by infrared laser irradiation: Numerical study. AIP Conference Proceedings, 2016, , . | 0.4 | 1 |
| 8 | Study of Laser Transmission Welding for Amorphous Polymer using Radiation Absorption Change by Moisture Adsorption. Seikei-Kakou, 2015, 27, 151-156. | 0.0 | 0 |
| 9 | D112 Accuracy of the three dimensional velocity measurement by the novel light field PIV technique. The Proceedings of the Thermal Engineering Conference, 2014, 2014, _D112-1_-_D112-2_. | 0.0 | 0 |
| 10 | G0610202 Development of new rapid heating-cooling device by desiccant material. The Proceedings of Mechanical Engineering Congress Japan, 2014, 2014, _G0610202-_G0610202-. | 0.0 | 0 |
| 11 | Dispersion control of immiscible polymer blend using selective heating by infrared laser irradiation. Journal of Applied Polymer Science, 2013, 129, 3606-3612. | 2.6 | 3 |
| 12 | A Study on Micro-scale Flow Behavior of Thermoplastic Polymeric Material. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2011, 24, 83-88. | 0.3 | 0 |
| 13 | Study on Weld Characteristics of Thin-wall Injection Molded Polypropylene Plates. Seikei-Kakou, 2008, 20, 776-780. | 0.0 | 0 |
| 14 | Heat Transfer in Segregated Fluidized Beds Part 2: Particle Motion and Its Effects on the Heat transfer in the Segregated Fluidized Beds. Journal of Thermal Science and Technology, 2007, 2, 55-66. | 1.1 | 2 |
| 15 | Heat Transfer in Segregated Fluidized Beds Part 1: Relation between Particle and Temperature Segregation and Dominating Heat Transfer Mechanisms. Journal of Thermal Science and Technology, 2007, 2, 43-54. | 1.1 | 2 |
| 16 | Precise Sizing of Micro-bubbles using Interferometric Imaging Technique. The Proceedings of the National Symposium on Power and Energy Systems, 2004, 2004.9, 83-86. | 0.0 | 0 |