

# Tatsuya Kawaguchi

## List of Publications by Year in descending order

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16  
papers

15  
citations

2682572

2  
h-index

2272923

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g-index

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16  
docs citations

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times ranked

15  
citing authors

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