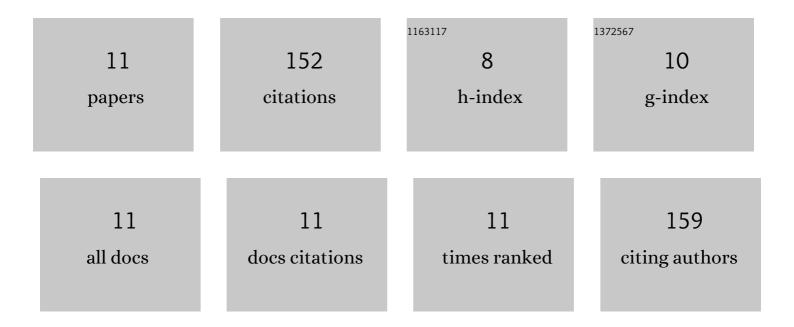
Kazuki Tainaka

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Pulverized coal combustion application of laser-based temperature sensing system using computed tomography – Tunable diode laser absorption spectroscopy (CT-TDLAS). Fuel, 2020, 268, 117370.	6.4	32
2	Simultaneous imaging of Mie scattering, PAHs laser induced fluorescence and soot laser induced incandescence to a lab-scale turbulent jet pulverized coal flame. Proceedings of the Combustion Institute, 2019, 37, 3045-3052.	3.9	25
3	Primary soot particle distributions in a combustion field of 4 kW pulverized coal jet burner measured by time resolved laser induced incandescence (TiRe-LII). Journal of Thermal Science and Technology, 2016, 11, JTST0049-JTST0049.	1.1	22
4	Experimental and numerical analysis of turbulent pulverized coal flame in a coaxial burner. Energy, 2019, 179, 727-735.	8.8	15
5	Effects of blending crude Jatropha oil and heavy fuel oil on the soot behavior of a steam atomizing burner. Renewable Energy, 2019, 136, 358-364.	8.9	15
6	Effects of Jatropha oil blending with C-heavy oil on soot emissions and heat absorption balance characteristics for boiler combustion. Renewable Energy, 2018, 126, 924-932.	8.9	13
7	Detection Improvement of Unburned Carbon Content in Fly Ash Flow Using LIBS with a Two-Stage Cyclone Measurement System. Energy & Fuels, 2019, 33, 7805-7812.	5.1	12
8	Unburned carbon measurement in fly ash using laser-induced breakdown spectroscopy with short nanosecond pulse width laser. Advanced Powder Technology, 2019, 30, 1210-1218.	4.1	8
9	Time-Series Temperature Measurement during Combustion of Volatile Matter and Coal Char of a Single Pulverized Coal Particle via Magnified Two-Color Pyrometry with Blue Backlit Imaging. Energy & Fuels, 2020, 34, 12918-12925.	5.1	6
10	Soot formation characteristics in a pulverized coal flame formed in a swirling flow. Advanced Powder Technology, 2020, 31, 3921-3927.	4.1	4
11	Visualization of the soot formation process in the volatile flame of single coal particle using 10-kHz PAHs-PLIF, LII and LIS. Transactions of the JSME (in Japanese), 2021, 87, 20-00422-20-00422.	0.2	О