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Education

- 1986.03 B. Eng. from Faculty of Engineering, Nagoya University
1988.03 M. Eng. from Graduate School of Engineering, Nagoya University
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Professional Background

- 1991.04-1999.03 Research Associate and Assistant Professor of Nagoya University
1999.04-2003.09 Associate Professor of Faculty of Systems Eng., Wakayama University
2003.10-2009.03 Professor of Faculty of Systems Eng., Wakayama University
2009.04- present Professor of Faculty of Science and Technology, Meijo University
2014.04-present Director of Research Center for Plasma-Bio Science and Technology Publications

Publication

1. M. Ito, J. - S. Oh, T. Ohta, M. Shiratani, M. Hori, Current status and future prospects of agricultural applications using atmospheric - pressure plasma technologies, *Plasma Process Polym.* 2018;15:e1700073, DOI: 10.1002/ppap.201700073 (2017).
2. H. Hashizume, T. Ohta, K. Takeda, K. Ishikawa, M. Hori, M. Ito, Oxidation mechanism of *Penicillium digitatum* spores through neutral oxygen radicals, *Japanese Journal of Applied Physics* 53, 010209 (2014). Selected as a spot-light paper.
3. H. Hashizume, T. Ohta, F. Jia, K. Takeda, K. Ishikawa, M. Hori, M. Ito: "Inactivation effects of neutral reactive-oxygen species on *Penicillium digitatum* spores using non-equilibrium atmospheric-pressure oxygen radical source", *Applied Physics Letters*, 153708-1-4 (2013).
4. T. Tsutsumi, T. Ohta, K. Ishikawa, K. Takeda, H. Kondo, M. Sekine, M. Hori, and M. Ito: "Rapid measurement of substrate temperatures by frequency-domain low-coherence interferometry", *Applied Physics Letters*, 103, 182102-1-3 (2013).
5. M. Ito and T. Ohta, M. Hori: "Plasma Agriculture", *Journal of the Korean Physical Society*, Vol. 60, No. 6, DOI: 10.3938/jkps.60.937 pp. 937-943 (2012).