

Example of description

for 'Research Activities for Student' in UGSAS Annual Report

Division (連合講座) : Applied Bioresources Science

University (所属大学) : Shimane

Name (氏名) : Masumi Daisenji

Year of entrance (入学年度) : Oct. 2018

Main supervisor (主指導教員名) : Taro Rendai

I. Published Papers (公表論文)

Academic books (著書)

(In case of *single author*)

1) Rendai, T. : Host-Pathogen Interactions in Plant Disease (ISBN: 978-0-12-369493-5), Elsevier, Amsterdam, 257p. (2020)

(In case of *co-author*)

1) Daisenji, M. and Rendai, T. : Host-plant selection by phytophagous insects. In *Pathogenesis and Host Specificity in Plant disease* (Edited by Lehane, M.J. and Billingsley, P.F. ISBN: 978-1-4200-6177-2), CRC Press, Taylor & Francis Group, Boca Raton, pp.51-87 (2020)

Academic Journals (学会誌等)

1) Daisenji, M., Yamaguchi, S., Shimane, J. and Reandai, T.: Ammonia uptake in *Manduca sexta* midgut is mediated by an amiloride sensitive cation/proton exchanger: Transport studies and mRNA expression analysis of NHE7,9, NHE, and V-ATPase. *Comparative Biochemistry and Physiology, Part A*, **157**: 364-376 (Dec, 2020)

Others (その他)

1) Daisenji, M., Yamaguchi, S., Shimane, J. and Reandai, T.: Molecular evolution of ABC serine peptidase. *Report of Daisen Institute for Scientific Research*, **53**: 49-51 (May, 2020)

II. Presentation at Academic Conference (学会発表)

(Add * on the name of presenter. 'Oral' or 'Poster' should be stated.)

International Conference

1) Daisenji, M.* and Rendai, T. : Thermostabilization of ovalbumin by an alkaline treatment: Examination for the possible implications of an altered serine residue. 5th Pacific Rim Food Protein Symposium (Oral). Vancouver, Canada (Aug, 2020)

Domestic Conference

1) Daisenji, M.* and Rendai, T. : Thermostabilization of ovalbumin by an alkaline treatment: Examination for the possible implications of an altered serine residue. The 83th annual meeting of the Zoological Society of Japan (Poster). Aichi, Japan (Aug, 2020)

III. Invited Lectures (学会等招待講演) (※if any)

(Add * on the name of presenter.)

International Conference

1) Rendai, T* . and Daisenji, M. : Water saving in irrigation at the field level. The 8th International Conference on Mushroom Biology and Chemical Control. Portland, Oregon, USA (Mar, 2021)

Domestic Conference

none

IV. Others (その他特筆すべき事項)

none