

ARTICLES

— **Biotechnology**

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| 1 | Innate Vulnerability of <i>Oryza glaberrima</i> to Rice tungro bacilliform virus | Nozomi SAITO, Jaymee R. ENCABO, Sunlu CHEN, Gilda JONSON, Yuji KISHIMA & Il-Ryong CHOI |
| 7 | Viability of <i>Bacillus subtilis</i> (natto) Bacteriophages after Freezing and Thawing | Toshirou NAGAI |

— **Agricultural Environment**

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| 13 | Suppressive Effects of Vermicomposted-Bamboo Powder on Cucumber Damping-Off | Xiaodong YOU, Naohiro KIMURA, Teppei OKURA, Shinpei MURAKAMI, Ryoichi OKANO, Yukihiko SHIMOGAMI, Atsushi MATSUMURA, Hayato TOKUMOTO, Yoshiyuki OGATA & Motoaki TOJO |
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— **Agricultural Engineering**

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| 21 | Spatial Variations in the Stable Isotopic Compositions of Surface and Groundwaters across Central Sri Lanka | Takeo TSUCHIHARA, Shuhei YOSHIMOTO, Katsushi SHIRAHATA, Satoshi ISHIDA, Hiroki MINAKAWA & Susumu MIYAZU |
| 31 | Development of Small Automatic Guided Vehicle by Contact Detection to Hydroponics Cultivation System | Tomohiko OTA, Yasunaga IWASAKI, Akimasa NAKANO, Keita YOSHINAGA, Hiroki NAITO, Tokihiro FUKATSU & Tadahisa HIGASHIDE |

— **Food Science**

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| 41 | Comparison of Gut Tight Junction Gene Expression in C57BL/6J and BALB/c Mice After Chronic Social Defeat Stress | Naoko YAMAGISHI, Yasuhiro OMATA, Ayako AOKI-YOSHIDA, Naoko MORIYA, Tatsuhiko GOTO, Atsushi TOYODA, Reiji AOKI, Chise SUZUKI & Yoshiharu TAKAYAMA |
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— **Animal Husbandry**

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| 47 | Effect of Feeding a Low Crude Protein Diet on Growth Performance of Finishing Pigs at a High Ambient Temperature | Makoto YAMAZAKI, Hiroaki INOUE, Mitsuhiro MATSUMOTO & Yuji KAJI |
| 51 | Neutrophilic Granulocytic Sarcoma and Acute Basophilic Leukemia in Cattle | Maki SEKIGUCHI, Saori YAMAURA, Takuya OIZUMI, Tomoyuki SHIBAHARA, Yoshiharu ISHIKAWA & Koichi KADOTA |
| 59 | Retrospective and Histopathological Studies of <i>Entamoeba</i> spp. and Other Pathogens Associated with Diarrhea and Wasting in Pigs in Aichi Prefecture, Japan | Tetsuya KOMATSU, Makoto MATSUBAYASHI, Naoko MURAKOSHI, Kazumi SASAI & Tomoyuki SHIBAHARA |

— **Forestry**

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| 69 | The Tendency of Expanding Forest Certification in Vietnam: Case Analysis of Certification Holders in Quang Tri Province | Seiji IWANAGA, Dang Thai DUONG, Ho Thanh HA & Nguyen Van MINH |
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