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- 1. Kyouhei Ohmura, Noboru Watanabe, Tokyo University of Science, Japan Dynamical Entropy on CAR Algebras
- 2. Mutsuki Imanishi, Noboru Watanabe, Tokyo University of Science, Japan On comparison of quantum mutual entropy type measures for quantum optical channels
- 3. Yuka Matsubara, Noboru Watanabe, Tokyo University of Science, Japan On construction of quantum teleportation by means of a beam splitter and quantum orthogonal states generated by coherent states
- 4. Yoichi Maebayashi, Noboru Watanabe, Tokyo University of Science, Japan On comparison of calculation time of quantum logic gate using ESR
- 5. Koki Jimbo, Satoshi Iriyama, Tokyo University of Science, Japan Note on Mathematical Framework of Strongly Asymmetric Public Key Agreement
- 6. Kota Hasegawa, Hiroki Shindo, Kenshiro Watanabe, Kenji Hashimoto, Kazuyuki Kuchitsu, Tokyo University of Science, Japan *Stress-responsive long-distance signaling in Marchantia*
- 7. Kenji Hashimoto, Takeru Itabashi, Naoaki Abe. Kazuyuki Kuchitsu, Tokyo University of Science, Japan MpRbohB-mediated ROS-production activated by Ca²⁺ binding and phosphorylation by MpCPK5 is essential for polar tip growth of rhizoids in Marchantia.
- 8. Yuki Hagiwara, Kenji Hashimoto, Daisuke Miyamoto, Tomohiro Takagawa, Kazuyuki Kuchitsu, Tokyo University of Science, Japan Roles of Rboh-mediated ROS production in the regulation of cell proliferation and differentiation in the apical meristematic zones of Marchantia polymorpha
- 9. Takafumi Hashimoto, Kenji Hashimoto, Takeru Itabashi, Takuya Miyakawa, Masaru Tanokura, Kazuyuki Kuchitsu, Tokyo University of Science, Japan Regulatory mechanisms of the plasma membrane ROS-producing enzymes, Rbohs, by Ca²⁺ binding and phosphorylation and their evolution in plants.
- 10. Togo Fukunaga, Jumpei Sawada, Kazunori Ogawa, Bunki Toh, Kenji Hashimoto, Shigeru Hanamata, Seijiro Ono, Ken-ichi Nonomura, Takamitsu Kurusu, Kazuyuki Kuchitsu, Tokyo University of Science, Japan Imaging of ROS dynamics and roles of the ROS-producing NADPH oxidase in tapetal programmed cell death during pollen maturation in rice
- 11. Kazunori Ogawa, Jumpei Sawada, Togo Fukunaga, Bunki Toh, Kenji Hashimoto, Shigeru Hanamata, Seijiro Ono, Kenichi Nonomura, Takamitsu Kurusu, Kazuyuki Kuchitsu, Tokyo University of Science, Japan
- Imaging autophagy in the anther tapetum cells during pollen maturation in rice12. Kengo Fujisawa, Jin Kinoshita, and Kouji Tahata, Tokyo University of Science, Japan

On extended asymmetry model based on logit transformation and decomposition of symmetry for square contingency tables with ordered categories

13. Takuma Nishimaki and Keiko Sato, Tokyo University of Science, Japan An extension of the Kimura two-parameter model to evolutionary process including insertions and deletions