

業績目録

1. 発表論文 (*は責任著者、著者太字は Co-first を示す)

- (1) Katsuhiko Ito, Manabu Yoshikawa, Takeshi Fujii, Hiroko Tabunoki, Takeshi Yokoyama., 2016. Melanin pigmentation gives rise to black spots on the wings of the silkworm *Bombyx mori*. *Journal of Insect Physiology*. 91-92:100-106.
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- (5) Takuma Iwamatsu, Daisuke Miyamoto, Hidefumi Mitsuno, Yoshiaki Yoshioka, Takeshi Fujii, Takeshi Sakurai, Yukio Ishikawa, Ryohei Kanzaki., 2015. Identification of repellent odorants to the body louse, *Pediculus humanus corporis*, in clove essential oil. *Parasitology Research*. 115 (4): 1659-1666.
- (6) Takeshi Fujii*, Masanobu Yamamoto, Ryo Nakano, Takuya Nirazawa, Yu Rong, Shang L Dong, Yukio Ishikawa ISHIKAWA, Y., 2015. Alkenyl sex pheromone analogs in the hemolymph of an arctiid *Eilema japonica* and several non-arctiid moths. *Journal of Insect Physiology*. 82: 109-113.
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- (10) Takeshi Fujii*, Masataka G Suzuki, Susumu Katsuma, Katsuhiko Ito, Yu Rong, Shogo Matsumoto, Tetsu Ando, Yukio Ishikawa., 2013. Discovery of a disused desaturase gene from the pheromone gland of the moth *Ascotis selenaria*, which secretes an epoxyalkenyl sex pheromone. *Biochemical and Biophysical Research Communications* 441:849-55.
- (11) Jean-Marc Lassance, Marjorie A Liénard, Binu Antony, Shuguang Qian, Takeshi Fujii, Jun Tabata, Yukio Ishikawa, Christer Löfstedt., 2013. Functional consequences of sequence variation in the pheromone biosynthetic gene pgFAR for *Ostrinia* moths. *Proceedings of the National Academy of Sciences of the USA* 110(10):3967-72.
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abdominal tip of the Japanese giant looper, *Ascotisselenariacretacea* (Lepidoptera: Geometridae). *Journal of Insect Physiology* 53(4):312-8.

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2. 総説、著書など

2.1. 総説

藤井毅、石川幸男「蚕糸・昆虫バイオテック特集号 2014」ガ類性フェロモン分子の多様性が生まれる仕組みー日本産

アフノメイガ類を例にー 蚕糸・昆虫バイオテック 83 (2) pp93-104

2.2. 著書

藤井毅「昆虫科学読本 -虫の目で見た驚きの世界-」 “第3章 香りで始まる虫の恋” (東海大学出版編, 2015),

pp29-46

2.3. 解説記事

藤井毅、石川幸男 (2012 年) 偶然か？必然か？ レトロポゾン挿入が関与したと思われるガ類種分化の例 むしむ

しコラム・おーどーこん -近くて不思議な虫の世界- http://column.odokon.org/2012/1214_120000.php