

研究成果の刊行に関する一覧表
(平成 30 年度)

書籍

著者氏名	論文タイトル名	書籍全体の 編集者名	書籍名	出版社名	出版地	出版年	ページ
なし							

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Takabatake, R., Kagiya, Y., Minegishi, Y., Futo, S., Soga, K., Nakamura, K., Kondo, K., Mano, J., Kitta, K.	Rapid screening detection of genetically modified crops by loop-mediated isothermal amplification with a lateral flow dipstick.	<i>Journal of Agricultural and Food Chemistry</i>	66	7839- 7845	2018
Soga, K., Nakamura, K., Kishine, M., Takashima, Y., Miyahara, T., Kimata, S., Mano, J., Takabatake, R., Ozeki, Y., Kitta, K., Kondo, K.	Studies on the detection of maize genomic DNAs in cornflakes using real-time PCR. (リアルタイム PCR を用い たコーンフレーク中のトウ モロコシゲノム DNA 検出に ついて)	<i>Bulletin of National Institute of Health Sciences</i>	136	31-39	2018
Nakanishi, K., Fujii, U., Nakamura, K., Ohtsuki, T., Kimata, S., Soga, K., Kishine, M., Mano, J., Takabatake, R., Kitta, K., Kawakami, H., Akiyama, H., Ikeda, M., Kondo, K.	Effect of sodium carboxymethyl cellulose in processed rice foods on detection of genetically modified rice- derived DNA.	<i>Japanese Journal of Food Chemistry and Safety</i>	25	77-85	2018

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Nakamura, K., Ishigaki, T., Kobayashi, T., Kimata, S., Fujii, U., Soga, K., Kishine, M., Takabatake, R., Mano, J., Kitta, K., Kawakami, H., Nishimaki-Mogami, T., Kondo, K.	Identification of chickpea (<i>Cicer arietinum</i>) in foods using a novel real-time polymerase chain reaction detection method.	<i>Journal of Food Composition and Analysis</i>	71	8-16	2018
Kishine, M., Noguchi, A., Mano, J., Takabatake, R., Nakamura, K., Kondo, K., Kitta, K.	Detection of DNA in highly processed foods. (高度加工食品からの原材料農産物DNA 検出の検討)	<i>Food Hygiene and Safety Science</i>	59	151-156	2018
Tsugawa, H., Nakabayashi, R., Mori, T., Yamada, Y., Mikiko Takahashi, M., Rai, A., Sugiyama, R., Yamamoto, H., Nakaya, T., Yamazaki, M., Kooke, R., Bac- Molenaar, J., Oztolan- Erol, N., Keurentjes, J., Arita, M., Saito, K.	A cheminformatics approach to characterize metabolomes in stable isotope-labeled organisms.	<i>Nature Methods</i>	(accepted)		
Burla, B., Arita, M., Arita, M., Bendt, A.K., Cazenave- Gassiot, A., Dennis, E.A., Ekroos, K., Han, X., Ikeda, K., Liebisch, G., Lin, M.K., Loh, T.P., Meikle, P.J., Orešič, M., Quehenberger, O., Shevchenko, A., Torta, F., Wakelam, M.J.O., Wheelock, C.E., Wenk, M.R.	MS-based lipidomics of human blood plasma: a community- initiated position paper to develop accepted guidelines.	<i>Journal of Lipid Research</i>	59 (10)	2001-2017	2018

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Sakuma, T., Nishi, K., Kishimoto, K., Nakagawa, K., Karasuyama, M., Umezu, Y., Kajioka, S., Yamazaki, S.J., Kimura, K.D., Matsumoto, S., Yoda, K., Fukutomi, M., Shidara, H., Ogawa, H., Takeuchi, I.	Efficient learning algorithm for sparse subsequence pattern-based classification and applications to comparative animal trajectory data analysis.	<i>Advanced Robotics</i>	(to appear)		
Karasuyama M., Inoue K., Nakamura R., Kandori H., Takeuchi I.	Understanding colour tuning rules and predicting absorption wavelengths of microbial rhodopsins by data-driven machine-learning approach.	<i>Scientific Reports</i>	8 (15580)		2018
Kanamori K., Toyoura K., Honda J., Hattori K., Seko A., Karasuyama M., Shitara K., Shiga M., Kuwabara A., Takeuchi I.	Exploring a potential energy surface by machine learning for characterizing atomic transport.	<i>Physical Review B</i>	97 (125124)		2018
Kawaguchi, N., Tomita, C., Naradate, R., Higami, T., Nakamura, K., Date, K., Aikawa, K., Ogawa, H.	A novel protocol for the preparation of active recombinant human pancreatic lipase from <i>Escherichia coli</i> .	<i>Journal of Biochemistry</i>	doi:10.1093/jb/mvy067		2018