

3) 研究成果の刊行に関する一覧表(令和 5～7 年度)

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Hirose S, Watanabe M, Tada A, Sugimoto N, Sato K, Hara-Kudo Y	Suitability of culture broth and conditions for <i>Escherichia coli</i> growth and gas production as a test of food additives in EC Broth	Food Hyg. Safety Sci.	64	69-77	2023
Yoshinari T, Sekine A, Kobayashi N, Nishizaki Y, Sugimoto N, Hara- Kudo Y, Watanabe M	Determination of the biological origin of enzyme preparation by SDS-PAGE and peptide mass fingerprinting	Food Addit. Contam. A	40	711-722	2023
Iwasaki D, Kanazawa M, Kawamoto F, Araho D, Murakami T, Nishizaki Y, Masumoto N, Sugimoto N	A new single-reference quantitative method using liquid chromatography with relative molar sensitivity based on ¹ H- qNMR for khellactone esters from <i>Peucedanum</i> <i>japonicum</i> root extract	Food Chem.	427	136647	2023
増本直子, 杉本直樹, 佐藤恭子	食品添加物公定書収 載品目における基原 生物に使用される学 名の考え方とその表 記法	食衛誌	64	77-88	2023
Masumoto N, Ohno T, Suzuki T, Togawa T, Sugimoto N	Application of the relative molar sensitivity method using GC-FID to quantify safranal in	J. Nat. Med.	77	829-838	2023

	saffron (<i>Crocus sativus</i> L.)				
内山奈穂子 , 細江潤子, 石附京子, 新井玲子, 杉本直樹, 鈴木梓, 浅野龍二, 五十嵐靖, 三浦亨, 武藤康弘, 末松孝子, 小松功典, 日向野太郎, 古川茶勲, 嶋田典基, 合田幸広	ブシモノエステルアルカロイドの相対モル感度(RMS)を用いた日本薬局方定量法の検討	薬学雑誌	27	951-962	2023
Bayrakceken G Z, Saracoglu I, Nagatsu A, Yilmaz M A, Basaran A A	Anti-tyrosinase and antimelanogenic effect of cinnamic acid derivatives from <i>Prunus mahaleb</i> L.: Phenolic composition, isolation, identification and inhibitory activity	J. Ethnopharmacol.	310	116378	2023
齋藤剛, 杉本直樹	定量核磁気共鳴 (qNMR)法を用いた有機化合物の純度測定に関する国際規格策定	環境と測定技術	69	13-17	2023
Uchiyama N, Hosoe J, Komatsu T, Sugimoto N, Ishizuki K, Koide T, Murabayashi M, Shinozaki T, Kobayashi K, Fujimine Y, Ofuji K, Shimizu H, Hasebe T, Asai Y, Ena E, Kiyota K, Fujita K, Makino Y, Miura T, Muto Y, Asakura K, Suematsu T, Muto H, Kohama A,	Quantitative ³¹ P-NMR for the purity determination of the organophosphorus compound brigatinib and its method validation	Chem. Pharm. Bull.	72	36-40	2024

Goto T, Yasuda M, Ueda T, Goda Y					
Amakura Y, Uchikura T, Yoshimura M, Masumoto N, Nishizaki Y, Sugimoto N	Chromatographic evaluation and characterization of constituents of sunflower seed extract used as food additives	Chem. Pharm. Bull.	72	93-97	2024
Nishizaki Y, Sugimoto N, Miura T, Asakura K, Suematsu T, Korhonen S-P, Lehtivarjo J, Niemitz M, Pauli G. F	Quantum Mechanical Quantitative Nuclear Magnetic Resonance Enables Digital Reference Standards at All Magnetic Fields and Enhances qNMR Sustainability	Anal. Chem.	96(24)	9790-9798	2024
西崎雄三, 鳥海栄輔, 中西資, 石附京子, 杉本直樹, 佐藤恭子	燃焼法による食品添加物中の窒素定量分析	日食化誌	31(1)	31-34	2024
Ohtsuki T, Huang Y, Kamiya A, Nakayama Y, Matsushita M, Morikawa S, Matsufuji H	Development of an HPLC method using relative molar sensitivity for the measurement of blood concentrations of nine pharmaceutical compounds.	<i>J. Pharm. Health Care Sci.</i>	10	35	2024
Masumoto N, Yamazaki T, Miura T, Nakajima K, Yamamoto K, Kato T, Minamoto N, Suematsu T, Sato Y, Nomura A, Akagi M, Ohtsuki T, Koyama K, Mizumoto T,	Development of a Standard-Free Analytical Quantitative Method based on Liquid Chromatography Using Relative Molar Sensitivity for	Chem. Pharm. Bull.	73 (7)	650-657	2025

Miyashita T, Kawashima S, Saito T, Sugimoto N	Chlorogenic Acid in Apple Juice				
Miura T, Liu Y, Bzhelyansky A, Ohtsuki T, Matsufuji H	Development of ¹ H qNMR analytical procedure for purity determination of Imazosulfuron and 1,4-BTMSB- <i>d</i> ₄ for ISO 17034 accreditation	Journal of AOAC INTERNATIONAL		qsaf099	2025