

III. 研究成果の刊行に関する一覧表

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
伊藤眞里, 長尾知生子, 藤原大, 水口賢司	AI創薬に向けた医療ビッグデータベースの統合と解析	月刊 ファーマステージ	Vol.19, No.1	21-24	2020
夏目やよい, 水口賢司	新薬創出を加速するAIの開発	Precision Medicine	Vol.3 No.5	印刷中	2020
Fukushima K, Satoh T, Sugihara F, Sato Y, Okamoto T, Mitsui Y, Yoshio S, Li S, Nonaka S, Motooka D, Nakamura S, Kida H, Standley DM, Morii E, Kaneko T, Yanagita M, Matsuura Y, Nagasawa T, Kumanogoh A, Akira S	<u>Dysregulated Expression of the Nuclear Exosome Targeting Complex Component Rbm7 in Nonhematopoietic Cells Licenses the Development of Fibrosis.</u>	Immunity	52(3)	542-556.e13	2020
Tsuda T, Nishide M, Maeda Y, Hayama Y, Koyama S, Nojima S, Takamatsu H, Okuzaki D, Morita T, Nakatani T, Kato Y, Nakanishi Y, Futami Y, Sugaya Y, Naito Y, Konaka H, Satoh S, Naito M, Izumi M, Obata S, Nakatani A, Shikina T, Takeda K, Hayama M, Inohara H, Kumanogoh A	<u>Pathological and therapeutic implications of eosinophil-derived semaphorin 4D in eosinophilic chronic rhinosinusitis.</u>	J Allergy Clin Immunol	145(3)	843-854.e4	2020
Toyofuku T, Okamoto Y, Ishikawa T, Sasawatari S, Kumanogoh A.	<u>LRRK2 regulates endoplasmic reticulum-mitochondrial tethering through the PERK-mediated ubiquitination pathway.</u>	EMBO J	39(2)	e100875	2020

Kishikawa T, Maeda Y, Nii T, Motooka D, Matsumoto Y, Matsushita M, Matsuoka H, Yoshimura M, Kawada S, Teshigawara S, Oguro E, Okita Y, Kawamoto K, Higa S, Hirano T, Narazaki M, Ogata A, Saeaki Y, Nakamura S, Inohara H, Kumano A, Takekida K, Okada Y.	Metagenome-wide association study of gut microbiome revealed novel aetiology of rheumatoid arthritis in the Japanese population.	Ann Rheum Dis	79(1)	103-111	2020
Soma O., Hatakeyama S., Yoneyama T., Saito M., Sasaki H., Tobisawa Y., Nishimura S-I., Harada H., Ishida H., Tanabe K., Satoh S., Ohyama C	Serum N-glycan profiling can predict biopsy-proven graft rejection after living kidney transplantation	Clin. Exp. Nephrol.	24	174-184	2020
Kobayashi K, Murakami N, Takahashi K, Inaba K, Igaki H, Hamamoto R, Itami J	A Population-based Statistical Model for Investigating Heterogeneous Intraprostatic Sensitivity to Radiation Toxicity After ¹²⁵ I Seed Implantation. In Vivo	Biomolecules	10	524	2019
Asada K, Kobayashi K, Joutard S, Tubaki M, Takahashi S, Takasawa K, Komatsu M, Kaneko S, Sese J, Hamamoto R	Uncovering Prognosis-related Genes and Pathways by Multi-omics Analysis in Lung Cancer. Biomolecules	Biomolecules	10	524	2020

Hamamoto R, Komatsu M, Takasawa K, Asada K, Kaneko S.	Epigenetics Analysis and Integrated Analysis of Multiomics Data, Including Epigenetic Data, Using Artificial Intelligence in the Era of Precision Medicine	Biomolecules	10	62	2020
Isago, H, Mitani A, Mikami Y, Horie M, Urushiyama H, Hamamoto R, Terasaki Y, Nagase T	Epithelial Expression of YAP and TAZ is Sequentially Required in Lung Development	Am J Respir Cell Mol Biol,	62	256-266	2020
Tanaka, Y., Tamada, Y., Ikeguchi, M., Yamashita, F., Okuno, Y.	System-based differential gene network analysis for characterizing a sample-specific subnetwork,	Biomolecules,	10(2)	306	2020

特許

発明者氏名	発明の名称	出願番号
小林和馬、三宅基隆、浜本隆二	アノテーション支援装置、アノテーション支援方法及びアノテーション支援プログラム	特願2019-010287
奥野恭史、玉田嘉紀	特徴ネットワーク抽出装置、コンピュータプログラム、特徴ネットワーク抽出方法及びベイジアンネットワーク分析方法	特願2020-002923