

## 別添5

## 研究成果の刊行に関する一覧表

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Yayoi Natsume-Kitatani, Mari N Itoh, Yoshito Takeda et al.	Data-driven patient stratification and drug target discovery by using medical information and serum proteome data of idiopathic pulmonary fibrosis patients	preprint			2022
Hosomi, K., Saito, M., Park, J., Murakami, H., Shibata, N., Ando, M., Nagatake, T., Konishi, K., Ohno, H., Tanisawa, K., Mohsen, A., Chen, Y.A., Kawashima, H., Natsume-Kitatani, Y., Oka, Y., Shimizu, H., Furuta, M., Tojima, Y., Sawane, K., Saika, A., Yonejima, Y., Takeyama, H., Matsutani, A., Mizuguchi, K., Miyachi, M., & Kunisawa, J.	Unique metabolic profiles of <i>Blautia wexlerae</i> achieve beneficial effects for the control of obesity and type 2 diabetes	preprint			2022
Hioki K., Hayashi T., Natsume-Kitatani Y., Kobiyama K., Temizoz B., Negishi H., Kawakami H., Fuchino H., Kuroda E., Coban C., Kawahara N, m Ishii H. J.	Machine-learning-assisted screening of herbal medicine extracts as vaccine adjuvants	Frontiers in Immunology	13		2023
Koide R., Hirane N., Kambe D., Yokoi Y., Otaki M., Nishimura S-I.	Antiadhesive nanosome elicits role of glycocalyx of tumor cell-derived exosomes in the organotropic cancer metastasis	Biomaterials	280	121314	2022
Takahashi S, Takahashi M, Tanaka S, Takayanagi S, Takami H, Yamazawa E, Nambu S, Miyake M, Satomi K, Ichimura K, Narita Y, Hamamoto R.	A New Era of Neuro-Oncology Research Pioneered by Multi-Omics Analysis and Machine Learning	Biomolecules	11(4)	565	2021
Kaneko S, Mitsuyama T, Shiraishi K, Ikawa N, Shozu K, Dozen A, Machino H, Asada K, Komatsu M, Kukita A, Sone K, Yoshida H, Motoi N, Hayami S, Yoneoka Y, Kato T, Kohno T, Natsume T, Keudell GV, Saloura V, Yamaue H, Hamamoto R.	Genome-Wide Chromatin Analysis of FFPE Tissues Using a Dual-Arm Robot with Clinical Potential	Cancers (Basel)	13(9)	2126	2021
Asada K, Kaneko S, Takasawa K, Machino H, Takahashi S, Shinkai N, Shimoyama R, Komatstu M, Hamamoto R.	Integrated Analysis of Whole Genome and Epigenome Data Using Machine Learning Technology: Toward the Establishment of Precision Oncology	Front Oncol	12;11	666397	2021
Kobayashi K, Miyake M, Takahashi M, Hamamoto R.	Observing Deep Radiomics for the Classification of Glioma Grades	Sci Rep	11(1)	10942	2021

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Lee K, Kim K, Ryu TY, Jung CR, Lee MS, Lim JH, Park K, Kim DS, Son MY, Hamamoto R, Cho HS.	Dysregulation of EHMT1 affects lung cancer proliferation by controlling CDKN1A expression	Mol Oncol	15(11)	2989-3002	2021
Komatsu M, Sakai A, Dozen A, Shozu A, Yasutomi S, Machino H, Asada K, Kaneko S, Hamamoto R.	Towards Clinical Application of Artificial Intelligence in Ultrasound Imaging	Biomedicines	9(7)	720	2021
Yamada M, Saito Y, Yamada S, Kondo H, Hamamoto R.	Detection of flat colorectal neoplasia by artificial intelligence: A systematic review	Best Pract Res Clin Gastroenterol	52-53	101745	2021
Kawaguchi RK, Takahashi M, Miyake M, Kinoshita M, Takahashi S, Ichimura K, Hamamoto R, Narita Y, Sese J.	Assessing Versatile Machine Learning Models for Glioma Radiogenomic Studies across Hospitals	Cancers (Basel)	13(14)	3611	2021
Kobayashi K, Hataya R, Kurose Y, Miyake M, Takahashi M, Nakagawa A, Harada T, Hamamoto R.	Decomposing normal and abnormal features of medical images for content-based image retrieval of glioma imaging	Med Image Anal	74	102227	2021
Kaneko S, Takasawa K, Asada K, Shinkai N, Bolatkan A, Yamada M, Takahashi S, Machino H, Kobayashi K, Komatsu M, Hamamoto R.	Epigenetic Mechanisms Underlying COVID-19 Pathogenesis	Biomedicines	9(9)	1142	2021
Asada K, Komatsu M, Shimoyama R, Takasawa K, Shinkai N, Sakai A, Bolatkan A, Yamada M, Takahashi S, Machino H, Kobayashi K, Kaneko S, Hamamoto R.	Application of Artificial Intelligence in COVID-19 Diagnosis and Therapeutics	J Pers Med	11(9)	886	2021
Kuno I, Takayanagi D, Asami Y, Murakami N, Matsuda M, Shimada Y, Hirose S, Kato MK, Komatsu M, Hamamoto R, Okuma K, Kohno T, Itami J, Yoshida H, Shiraishi K, Kato T.	TP53 mutants and non-HPV16/18 genotypes are poor prognostic factors for concurrent chemoradiotherapy in locally advanced cervical cancer	Sci Rep	11(1)	19261	2021
Asada K, Takasawa K, Machino H, Takahashi S, Shinkai N, Bolatkan A, Kobayashi K, Komatsu M, Kaneko S, Okamoto K, Hamamoto R.	Single-Cell Analysis Using Machine Learning Techniques and Its Application to Medical Research	Biomedicines	9(11)	1513	2021
Bolatkan A, Asada K, Kaneko S, Suvarna K, Ikawa N, Machino H, Komatsu M, Shiina S, Hamamoto R.	Downregulation of METTL6 mitigates cell progression, migration, invasion and adhesion in hepatocellular carcinoma by inhibiting cell adhesion molecules	Int J Oncol	60(1)	4	2022
Machino H, Kaneko S, Komatsu M, Ikawa N, Asada K, Nakato R, Shozu K, Dozen A, Sone K, Yoshida H, Kato T, Oda K, Osuga Y, Fujii T, von Keudell G, Saloura V, Hamamoto R.	The metabolic stress-activated checkpoint LKB1-MARK3 axis acts as a tumor suppressor in high-grade serous ovarian carcinoma	Commun Biol	5(1)	39	2022

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Sakai A, Komatsu M, Komatsu R, Matsuoka R, Yasutomi S, Dozen A, Shozu K, Arakaki T, Machino H, Asada K, Kaneko S, Sekizawa A, Hamamoto R.	Medical Professional Enhancement Using Explainable Artificial Intelligence in Fetal Cardiac Ultrasound Screening	Biomedicines	10(3)	551	2022
Ryu TY, Kim K, Han TS, Lee MO, Lee J, Choi J, Jung KB, Jeong EJ, An DM, Jung CR, Lim JH, Jung J, Park K, Lee MS, Kim MY, Oh SJ, Hur K, Hamamoto R, Park DS, Kim DS, Son MY, Cho HS.	Human gut-microbiome derived propionate coordinates proteasomal degradation via HECTD2 upregulation to target EHMT2 in colorectal cancer	The ISME Journal, <i>online ahead of print</i>			2022
Kobayashi Kato M, Asami Y, Takayanagi D, Matsuda M, Shimada Y, Hiranuma K, Kuno I, Komatsu M, Hamamoto R, Matsumoto K, Ishikawa M, Kohno T, Kato T, Shiraishi K, Yoshida H.	Clinical impact of genetic alterations of CTNNB1 in patients with grade 3 endometrial endometrioid carcinoma	Cancer Sci, <i>online ahead of print</i>			2022
Tanosaki T, Mikami Y, Shindou H, Suzuki T, Hashidate-Yoshida T, Hosoki K, Kagawa S, Miyata J, Kabata H, Masaki K, Hamamoto R, Kage H, Miyashita N, Makita K, Matsuzaki H, Suzuki Y, Mitani A, Nagase T, Shimizu T, Fukunaga K.	Inflammation,	<i>online ahead of prin</i>			2022
Ono S, Komatsu M, Sakai A, Arima H, Ochida M, Aoyama R, Yasutomi S, Asada K, Kaneko S, Sasano T, Hamamoto R.	Automated Endocardial Border Detection and Left Ventricular Functional Assessment in Echocardiography Using Deep Learning.	Biomedicines	10(5)	1082	2022
Hashimoto T, Takayanagi D, Yonemaru J, Naka T, Nagashima K, Yatabe Y, Shida D, Hamamoto R, Kleeman SO, Leedham SJ, Maughan T, Takashima A, Shiraishi K, Sekine S.	Clinicopathological and molecular characteristics of RSPO fusion-positive colorectal cancer.	Br J Cancer	127(6)	1043-1050	2022
Hamamoto R, Takasawa K, Machino H, Kobayashi K, Takahashi S, Bolatkan A, Shinkai N, Sakai A, Aoyama R, Yamada M, Asada K, Komatsu M, Okamoto K, Kameoka H, Kaneko S.	Application of non-negative matrix factorization in oncology: one approach for establishing precision medicine.	Brief Bioinform	23(4)	bbac 246	2022
Yamada M, Shino R, Kondo H, Yamada S, Takamaru H, Sakamoto T, Bhandari P, Imaoka H, Kuchiba A, Shibata T, Saito Y, Hamamoto R.	Robust automated prediction of the revised Vienna Classification in colonoscopy using deep learning: development and initial external validation.	J Gastroenterol	57(11)	879-889	2022
Hopkins J, Asada K, Leung A, Papadaki V, Davaapil H, Morrison M, Orita T, Sekido R, Kosuge H, Reddy MA, Kimura K, Mitani A, Tsumoto K, Hamamoto R, Sagoo MS, Ohnuma SI.	PRELP Regulates Cell-Cell Adhesion and EMT and Inhibits Retinoblastoma Progression.	Cancers (Basel)	14(19)	4926	2022

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Hamamoto R, Koyama T, Kouno N, Yasuda T, Yui S, Sudo K, Hirata M, Sunami K, Kubo T, Takasawa K, Takahashi S, Machino H, Kobayashi K, Asada K, Komatsu M, Kaneko S, Yatabe Y, Yamamoto N.	Introducing AI to the molecular tumor board: one direction toward the establishment of precision medicine using large-scale cancer clinical and biological information.	Exp Hematol Oncol	11(1)	82	2022
Hossain E, Abdelrahim M, Tanasescu A, Yamada M, Kondo H, Yamada S, Hamamoto R, Marugame A, Saito Y, Bhandari P.	Performance of a novel computer-aided diagnosis system in the characterization of colorectal polyps, and its role in meeting Preservation and Incorporation of Valuable Endoscopic Innovations standards set by the American Society of Gastrointestinal Endoscopy.	DEN Open	3(1)	e178	2022
Kukita A, Sone K, Kaneko S, Kawakami E, Oki S, Kojima M, Wada M, Toyohara Y, Takahashi Y, Inoue F, Tanimoto S, Taguchi A, Fukuda T, Miyamoto Y, Tanikawa M, Mori-Uchino M, Tsuruga T, Iriyama T, Matsumoto Y, Nagasaka K, Wada-Hiraike O, Oda K, Hamamoto R, Osuga Y.	The Histone Methyltransferase SETD8 Regulates the Expression of Tumor Suppressor Genes via H4K20 Methylation and the p53 Signaling Pathway in Endometrial Cancer Cells.	Cancers (Basel)	14(21)	5367	2022
Shozu K, Kaneko S, Shinkai N, Dozen A, Kosuge H, Nakakido M, Machino H, Takasawa K, Asada K, Komatsu M, Tsumoto K, Ohnuma SI, Hamamoto R.	Repression of the PRELP gene is relieved by histone deacetylase inhibitors through acetylation of histone H2B lysine 5 in bladder cancer.	Clin Epigenetics	14(1)	147	2022
Dozen A, Shozu K, Shinkai N, Ikawa N, Aoyama R, Machino H, Asada K, Yoshida H, Kato T, Hamamoto R, Kaneko S, Komatsu M.	Tumor Suppressive Role of the PRELP Gene in Ovarian Clear Cell Carcinoma.	J Pers Med	12(12)	1999	2022
Asami Y, Kobayashi Kato M, Hiranuma K, Matsuda M, Shimada Y, Ishikawa M, Koyama T, Komatsu M, Hamamoto R, Nagashima M, Terao Y, Itakura A, Kohno T, Sekizawa A, Matsumoto K, Kato T, Shiraishi K, Yoshida H.	Utility of molecular subtypes and genetic alterations for evaluating clinical outcomes in 1029 patients with endometrial cancer.	Br J Cancer	128(8)	1582-1591	2023
Ito T, Takayanagi D, Sekine S, Hashimoto T, Shimada Y, Matsuda M, Yamada M, Hamamoto R, Kato T, Shida D, Kanemitsu Y, Boku N, Kohno T, Takashima A, Shiraishi K.	Comparison of clinicopathological and genomic profiles in anal squamous cell carcinoma between Japanese and Caucasian cohorts.	Sci Rep	13(1)	3587	2023
Harada Y, Sato A, Araki M, Matsumoto S, Isaka Y, Sagae Y, Abe T, Aoyagi Y, Sueoka E, Okuno Y, Kimura S & Sueoka-Aragane N.	Integrated approach to functional analysis of an ERBB2 variant of unknown significance detected by a cancer gene panel test	Cellular Oncology			2022

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Sato N, Uchino E, Okuno Y.	Artificial Intelligence in Kidney Pathology	Lidströmer N., Ashrafian H. (eds) Artificial Intelligence in Medicine. Springer		1-11	2021
Uchino E, Sato N, Okuno Y.	Artificial Intelligence in Predicting Kidney Function and Acute Kidney Injury	Artificial Intelligence in Medicine		1-17	2021
Terayama K, Sumita M, Katouda M, Tsuda K, Okuno Y.	Efficient Search for Energetically Favorable Molecular Conformations against Metastable States via Gray-Box Optimizatio.	Journal of Chemical Theory and Computation	17	5419-5427	2021
Nakazawa MA, Tamada Y, Tanaka Y, Ikeguchi M, Higashihara K, Okuno Y.	Novel cancer subtyping method based on patient-specific gene regulatory network.	Scientific Reports	11	23653	2021
Iwata H, Kojima R, Okuno Y	AIM in Pharmacology and Drug Discovery	Artificial Intelligence in Medicine		1-9	2021
Ma B, Terayama K, Matsumoto S, Isaka Y, Sasakura Y, Iwata H, Araki M, Okuno Y.	Structure-Based de Novo Molecular Generator Combined with Artificial Intelligence and Docking Simulations.	Journal of Chemical Information and Modeling	61(7)	3304-3313	2021
Matsumoto S, Taniguchi-Tamura H, Araki M, Kawamura T, Miyamoto R, Tsuda C, Shima F, Kumasaka T, Okuno Y, Kataoka T.	Oncogenic mutations Q61L and Q61H confer active form-like structural features to the inactive state (state 1) conformation of H-Ras protein.	Biochemical and Biophysical Research Communications.	565	85-90	2021
Kamada M, Okuno Y.	AIM in genomic basis of medicine: applications.	Artificial Intelligence in Medicine.		1-10	2021
Sato N, Uchino E, Kojima R, Hiragi S, Yanagita M, Okuno Y.	Prediction and visualization of acute kidney injury in intensive care unit using one-dimensional convolutional neural networks based on routinely collected data.	Computer Methods and Programs in Biomedicine.	206	106129	2021
Chiba S, Lim KRQ, Sheri N, Anwar S, Erkut E, Shah MH, Aslesh T, Woo S, Sheikh O, Maruyama R, Takano H, Kunitake K, Duddy W, Okuno Y, Aoki Y, Yokota T	eSkip-Finder: a machine learning-based web application and database to identify the optimal sequences of antisense oligonucleotides for exon skipping.	Nucleic Acids Research.	gkab442		2021
Tanaka, Y, Higashihara, K, Nakazawa, M.A, Yamashita F, Tamada Y, <u>Okuno Y.</u>	Dynamic changes ingene-to- gene regulatory networks in response to SARS-CoV-2 infection.	Scientific Reports.	11(1)	11241	2021
Nojima S, Terayama K, Shimoura S, Hijiki S, Nonomura N, Morii E, Okuno Y, Fujita K.	A deep learning system to diagnose the malignant potential of urothelial carcinoma cells in cytology specimens.	Cancer Cytopathology			2021
Nakamura K, Kojima R, Uchino E, Ono K, Yanagita M, Murashita K, Itoh K, Nakaji S, Okuno Y.	Health improvement framework for actionable treatment planning using a surrogate Bayesian model.	Nature Communications.	12(1)	3088	2021

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Araki M, Matsumoto S, Bekker G.J, Isaka Y, Sagae Y, Kamiya N, Okuno Y.	Exploring ligand binding pathways on proteins using hypersound-accelerated molecular dynamics.	Nature Communications.	12(1)	2793	2021
Yoshizawa T, Uchibori K, Araki M, Matsumoto S, Ma B, Kanada R, Seto Y, Oh-hara T, Koike S, Ariyasu R, Kitazono S, Ninomiya H, Takeuchi K, Yanagitani N, Takagi S, Kishi K, Fujita N, <u>Okuno Y</u> , Nishio M, Katayama R.	Microsecond-timescale MD simulation of EGFR minor mutation predicts the structural flexibility of EGFR kinase core that reflects EGFR inhibitor sensitivity.	npj Precision Oncology.	5(1)	32	2021
Furuta H, Araki M, Masago K, Sagae Y, Fujita S, Seto K, Shimizu J, Horio Y, Sasaki E, Hosoda W, Katayama R, Okuno Y, Hida T	Novel resistance mechanisms including L1196Q, P1094H, and R1248_D1249 insertion in three patients with NSCLC after ALK tyrosine kinase inhibitor treatment.	Journal of Thoracic Oncology.	16(3)	477-482	2021
Faith Wavinya Mutinda, Shuntaro Yada, Shoko Wakamiya, Eiji Aramaki	Semantic Textual Similarity in Japanese Clinical Domain Texts Using BERT	Methods of Information in Medicine	S 01	e56-e64	2021
荒牧英治	自然言語処理の医療への応用	先進医療NAVIGATOR医療とAI最前線 新刊			2022
Ishida, Mana; Yanaka, Hitomi; Bekki, Daisuke	Compositional Semantics for Multiword Expression in Medical Case Retrieval	In Proceedings of the 18th International Workshop on Logic and Engineering of Natural Language Semantics (LENLS18)		231-239	2021
Doi, T., Hojo, H, Ohba, S., Obayashi, K, Endo, M., Ishizaki, T., Katoh, A., Kouji, H.	Involvement of activator protein-1 family members in $\beta$ -catenin and p300 association on the genome of PANC-1 cells	Heliyon	8	e08890	2022
Asawa, Y., Hatsuzawa, S, Yoshimori, A., Yamada, K., Katoh, A., Kouji, H., Nakamura, H.	Comprehensive exploration of chemical space using trisubstituted carboranes	Scientific Reports	11	2401-2412	2021
Umedera, K., Morita, T., Yoshimori. A., Yamada, K., Katoh, A., Kouji, H., Nakamura, H.	Synthesis of Tree-Dimensional (Di)Azatricyclododecene Scaffold and Its Application to Peptidomimetics	Chem. Eur. J.	27(46)	11888-11894	2021
T. Akutsu, T. Mori, N. Nakamura, S. Kozawa, Y. Ueno, T.N. Sato	Tree Edit Distance with Variables. Measuring the Similarity between Mathematical Formulas	arXiv:2105.04802.			2021
S. Kozawa, K. Urayama, K. Tejima, H. Doi, H. Yokoyama, Y. Ueno, T.N. Sato	Application of augmented topic model to predicting biomarkers and therapeutic targets using multiple human disease-omics datasets	BioRxiv	doi: 10.1101/2021.05.18.444550.		2021

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Masuihiro K, Tamiya M, Fujimoto K, Koyama S, Naito Y, Osa A, Hirai T, Suzuki H, Okamoto N, Shiroyama T, Nishino K, Adachi Y, Nii T, Kinugasa-Katayama Y, Kajihara A, Morita T, Imoto S, Uematsu S, Irie T, Okuzaki D, Aoshi T, Takeda Y, Kumagai T, Hirashima T, Kumanogoh A	Bronchoalveolar lavage fluid reveals factors contributing to the efficacy of PD-1 blockade in lung cancer.	JCI Insight	2022 Apr7	e15791 5	2022
Futami Y, Takeda Y, Koba T, Narumi R, Nojima Y, Ito M, Nakayama M, Ishida M, Yoshimura H, Naito Y, Fukushima K, Takimoto T, Edahiro R, Matsuki T, Nojima S, Hirata H, Koyama S, Iwahori K, Nagatomo I, Shirai Y, Suga Y, Satoh S, Adachi J, Tomonaga T, Ueda K, Kumanogoh A	CD14 and lipopolysaccharide-binding protein as novel biomarkers for sarcoidosis by proteomics of serum extracellular vesicles.	Int Immunol	2022 Mar 16	dxac00 9	2022
Hayashi K, Suzuki O, Shiomi H, Tatekawa S, Hirata T, Tamari K, Hirata H, Funaki S, Seo Y, Takeda Y, Isohashi F, Shintani Y, Ogawa K.	Stereotactic Ablative Radiotherapy Using CyberKnife for Stage I Non-small-cell Lung Cancer: A Retrospective Analysis.	Anticancer Res	42(1)	321- 327	2022
Nakagawara K, Namkoong H, Terai H, Masaki K, Tanosaki T, Shimamoto K, Lee H, Tanaka H, Okamori S, Kabata H, Edahiro R, Takeda Y, Kumanogoh A, Kodama N, Okamoto M, Umeda A, Hagimura K, Sato T, Miyazaki N, Takemura R, Sato Y, Takebayashi T, Nakahara J, Mimura M, Ogawa K, Shimmura S, Negishi K, Tsubota K, Amagai M, Goto R, Ibuka Y, Hasegawa N, Kitagawa Y, Kanai T, Fukunaga K.	Comprehensive and long-term surveys of COVID-19 sequelae in Japan, an ambidirectional multicentre cohort study: study protocol.	BMJ Open Respir Res	8(1)	e00101 5	2021
Yosui Nojima, Yoshito Takeda	Omics Data Analysis Tools for Biomarker Discovery and the Tutorial	Springer Proceedings in Mathematics & Statistics		266- 273	2021
Mari E K Niemi, Yukinori Okada, Jinyoung Byun, Yoshito Takeda, Haruhiko Hirata, Atsushi Kumanogoh, Takayuki Shiroyama, Yoshimi Noda, Takayuki Niitsu, Yuichi Adachi, Takatoshi Enomoto, Saori Amiya, Reina Hara, Kunihiro Takahashi, Tatsuhiko Anzai, Takanori Hasegawa, Satoshi Ito, Ryuji Koike, Akifumi Endo, Yuji Uchimura,	Mapping the human genetic architecture of COVID-19. COVID-19 Host Genetics Initiative. COVID-19 Host Genetics Initiative	Nature	600 (7889)	472- 477	2021

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Suga Y, Nagatomo I, Kinehara Y, Koyama S, Okuzaki D, Tsuda T, Nakatani T, Nakanishi Y, Futami Y, Koba T, Satoh S, Hosono Y, Miyake K, Fukushima K, Shiroyama T, Iwahori K, Hirata H, Takeda Y, Kumanogoh A.	IL-33 Induces Sema4A Expression in Dendritic Cells and Exerts Antitumor Immunity.	J Immunol.	207(5)	1456-1467	2021
Koba T, Takeda Y, Narumi R, Shiromizu T, Nojima Y, Ito M, Kuroyama M, Futami Y, Takimoto T, Matsuki T, Edahiro R, Nojima S, Hayama Y, Fukushima K, Hirata H, Koyama S, Iwahori K, Nagatomo I, Suzuki M, Shirai Y, Murakami T, Nakanishi K, Nakatani T, Suga Y, Miyake K, Shiroyama T, Kida H, Sasaki T, Ueda K, Mizuguchi K, Adachi J, Tomonaga T, Kumanogoh A	Proteomics of serum extracellular vesicles identifies a novel COPD biomarker, fibulin-3 from elastic fibres	ERJ Open Res	7(1)	00658-2020	2021



## 書籍

著者氏名	タイトル名	書籍名	出版社名	出版地	出版年
佐藤壮, 疋田正喜, 本田晴香, 杉山大介, 中山哲夫, 村上正晃, 内田萌菜, 北條慎太郎, 田中くみ子, 青枝大貴, 熊谷雄太郎, 竹内直志, 大野博司, 河本宏, 永野誠治, 案浦健, 荒木球沙, 久枝一, 高田光輔, 渡辺登喜子, 日比谷健司, 藤田次郎, 森田公一, 柴田岳彦, 村上耕介, 宮澤正顕, 四柳宏, 小原恭子, 小原道法, 渡邊真弥, 氣賀恒太朗, 崔 龍洙, 浜口毅, 山田正仁, 反町典子, 小原乃也, 廣田圭司, 岩淵禎弘, 橋本真一, 伊藤真里, 武田吉人, 大木伸司, 山村隆, 藤井貴之, 西英一郎, 森本真司, 奥村龍, 竹田潔, 大島茂		創薬研究者・アカデミア研究者が知っておくべき最新の免疫学とその応用技術	(株) 技術情報協会	日本	2021
夏目やよい	新薬創出を加速する人工知能の開発 ~データ駆動型創薬ターゲット探索プラットフォームの構築~	あいみつく 第42巻3号	(一社) 国際医学情報センター	日本	2021
鎮西清行, 大竹正規, 今関剛, 加藤健太郎, 中川肇, 山本真由美, 牧野奈緒, 貝田章太郎, 上島努, 鎌田英世, 矢島弘士, 阪本剛, 三澤将史, 杉山崇, 森公彦, 牛久保智宏, 長谷公隆		医療機器・ヘルスケアにおけるICT技術開発と規制対応	(株) 情報機構	日本	2021
夏目やよい	機械学習によって加速される次世代アジュバント開発	医学のあゆみ 279巻10号 ワクチン設計のサイエンス	医歯薬出版 (株)	日本	2021
藤本明洋, 宇津野泰弘, 松本直通, 新井田要, 碓澄仁, 浦大樹, 青木弘太郎, 横井毅, 梅原崇史, 新城恵子, 近藤豊, 大庭成喜, 間野達雄, 岩田淳, 山下暁朗, 今井大達, 田口善弘, 廣明秀一, 近藤格, 松尾光一, 熊代宗弘, 山本英樹, 林宣宏, 郷康広, 栗本一基, 鈴木勉, 高野淳, 伊賀淳一, 一石英一郎, 大澤毅, 松崎英美子, 久保田浩行, 茅野光範, 西海信, 三輪洋人, 村田唯, 岩本和也, 柴田龍弘, 中村慎吾, 橋本真一, 岩淵禎弘, 岩田岳, 小卷翔平, 清水厚志, 藤田直也, 中井謙太, 伊藤真里, 笹栗弘貴, 舩山学, 松村剛, 成瀬紘也, 辻省次, 田中章景, 土井宏, 佐々木征行, 松林泰毅, 三條伸夫, 木村大樹, 尾崎紀夫, 本成登貴和, 千葉奈津子, 額賀重成, 河野隆志, 徳永英樹, 川内大輔, 白石椋, 波田野琢, 王子悠, 服部信孝, 村山圭, 野々山恵章, 堀之内智子, 野津寛大, 飯島一誠, 鶴木元香, 木村彰方, 宮田崇, 川口頌平, 萩原大輔, 有馬寛		疾患原因遺伝子・タンパク質の解析技術と創薬/診断技術への応用	(株) 技術情報協会	日本	2022