

Ⅲ. 研究成果の刊行に関する一覧表

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
Mohammad Golam Sohrab, Khoa N.A. Duong, Ikeda Masami, Goran Topić, <u>Yayoi Natsume-Kitatani</u> , Masakata Kuroda, Mari Nogami Itoh, Hirova	BiomedCurator: Data Curation for Biomedical Literature	Maria Liakata, Wray Buntine	Proceedings of the 2nd Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics and the 12th International Joint Conference on Natural Language Processing: System Demonstrations	Association for Computational Linguistics	Stroudsburg, USA	2022	63-71
<u>夏目やよい</u> 、水口賢司	第2節「生命情報科学からのAI創薬」	小長谷明彦	革新的AI創薬～医療ビッグデータ、人工知能がもたらす創薬研究の未来像～	(株)エヌ・ティー・エス	東京	2022	15-22
<u>夏目やよい</u>	第3章 第1節「新薬創出を加速する人工知能の開発・臨床情報を活用した創薬標的探索」	小長谷明彦	革新的AI創薬～医療ビッグデータ、人工知能がもたらす創薬研究の未来像～	(株)エヌ・ティー・エス	東京	2022	107-112
上田修功、 <u>夏目やよい</u>	第5章 第3節「サブセット・バイインデイングによる患者層別化AIの開発」	小長谷明彦	革新的AI創薬～医療ビッグデータ、人工知能がもたらす創薬研究の未来像～	(株)エヌ・ティー・エス	東京	2022	235-244

雑誌

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Takaaki Tsunematsu, Rieko Arakaki, Mami Sato, Masako Saito, Kunihiro Otsuka, Yusuke Furukawa, Yuhji Taquahashi, <u>Jun Kanno</u> , Naozumi Ishimaru	Exposure to Multiwall Carbon Nanotubes Promotes Fibrous Proliferation by Production of Matrix Metalloproteinase-12 via NF-κB Activation in Chronic Peritonitis.	Am J Pathol.	192	1559-1572	2022
Takahiro Sasaki, Hirokatsu Saito, Yusuke Furukawa, Takashi Tominaga, <u>Satoshi Kitajima</u> , <u>Jun Kanno</u> , Kentaro Tanemura	Exposure to bisphenol A or its phenolic analogs during early life induces different types of anxiety-like behaviors after maturity in male mice.	J. Toxicol. Sci.	48	211-219	2022
Satoshi Yokota, Hidenobu Miyaso, Toshinori Hirai, Kousuke Suga, Tomohiko Wakayama, Yuhji Taquahashi and <u>Satoshi Kitajima</u>	Development of a non-invasive method for testicular toxicity evaluation using a novel compact magnetic resonance imaging system	J. Toxicol. Sci.	48	57-64	2023
Seiya Kanno, Yusuke Okubo, Tatsuto Kageyama, Lei Yan, <u>Satoshi Kitajima</u> , Junji Fukuda	Establishment of a Developmental Toxicity Assay based on Human iPSC Reporter to Detect Fibroblast Growth Factor Signal Disruption.	iScience.	25	103770	2022

相崎 健一, 小野 竜一, 菅野 純, 北嶋 聡	Percellomeプロジェクト ～トランスクリプトミクスとエピジェネティクスによる毒性分子機序の探求～	日本薬理学雑誌	157	200-206	2022
Yuhji Taquahashi, Shuji Tsuruoka, Koichi Morita, Masaki Tsuji, Kousuke Suga, <u>Ken-ich Aisaki</u> , <u>Satoshi Kitajima</u>	A novel high-purity carbon-nanotube yarn electrode used to obtain biopotential measurements in small animals: flexible, wearable, less invasive, and gel-free operation.	Fundam. Toxicol. Sci.	9	17-21	2022
Dina Mourad Saleh, Shengyong Luo, Omnia Hosny Mohamed Ahmed, David B. Alexander, William T. Alexander, Sivagami Gunasekaran, Ahmed M. El-Gazzar, Mohamed Abdelgied, Takamasa Numano, Hiroshi Takase, Makoto Ohnishi, Susumu Tomono, Randa Hussein Abd el Hady, Katsumi Fukamachi, <u>Jun Kanno</u> , Akihiko Hirose, Jiegou Xu, Shugo Suzuki, Aya Naiki-Ito, Satoru Takahashi and Hiroyuki Tsuda	Assessment of the toxicity and carcinogenicity of double-walled carbon nanotubes in the rat lung after intratracheal instillation: a two-year study.	Part Fibre Toxicol.	19	30	2022

Motoki Hojo, Ai Maeno, Yoshimitsu Sakamoto, Aya Ohnuki, Yukie Tada, Yukio Yamamoto, Kiyomi Ikushima, Ryota Inaba, Jin Suzuki, Yuhji Taquahashi, Satoshi Yokota, Norihiro Kobayashi, Makoto Ohnishi, Yuko Goto, Takamasa Numano, Hiroyuki Tsuda, David B. Alexander, <u>Jun Kanno</u> , Akihiko Hirose, Akiko Inomata and Dai Nakae	Two-year intermittent exposure of a multiwalled carbon nanotube by intratracheal instillation induces lung tumors and pleural mesotheliomas in F344 rats.	Part Fibre Toxicol.	19	38	2022
Shihori Tanabe, Sabina Quader, <u>Ryuichi Ono</u> , Horacio Cabral, Kazuhiko Aoyagi, Akihiko Hirose, Hiroshi Yokozaki, Hiroki Sasaki	Molecular network analysis of RNA viral infection pathway in diffuse- and intestinal-type gastric cancer	Fundam. Toxicol. Sci.	9	37-46	2022
Shihori Tanabe, Sabina Quader, <u>Ryuichi Ono</u> , Horacio Cabral, Kazuhiko Aoyagi, Akihiko Hirose, Edward J. Perkins, Hiroshi Yokozaki and Hiroki Sasaki	Regulation of Epithelial–Mesenchymal Transition Pathway and Artificial Intelligence-Based Modeling for Pathway Activity Prediction	Onco	3	13-25	2023
<u>Natalia Polouliakh</u> , <u>Takeshi Hase</u> , Samik Ghosh, <u>Hiroaki Kitano</u>	Toxicity Analysis of Pentachlorophenol Data with a Bioinformatics Tool Set.	Methods Mol Biol.	2486	105-125	2022
Reiko Watanabe, Toshio Kawata, Shinya Ueda, Takumi Shinbo, Mitsuo Higashimori, <u>Yayoi Natsume-Kitatani</u> and Kenji Mizuguchi	Prediction of the Contribution Ratio of a Target Metabolic Enzyme to Clearance from Chemical Structure Information.	Molecular Pharmaceutics.	20	419-426	2022

Michiru Otaki, Nozomi Hirane, <u>Yayoi Natsume-Kitatani</u> , Mari Nogami Itoh, Masanori Shindo, Yoichi Kurebayashi and Shin-Ichiro Nishimura	Mouse tissue glycome atlas 2022 highlights inter-organ variation in major N-glycan profiles.	Scientific reports	12	17804	2022
Koji Hosomi, M ayu Saito, Jongu k Park, Haruka Murakami, Naoko Shibata, Masa hiro Ando, Taka hiro Nagatake, K ana Konishi, Har umi Ohno, Kum pei Tanisawa, At tayeb Mohsen, Yi-An Chen, Hit oshi Kawashima, <u>Yayoi Natsume-Kitatani</u> , Yoshim asa Oka, Hidenori Shimizu, Mari Furuta, Yoko T ojima, Kento Sa wane, Azusa Sai ka, Saki Kondo, Yasunori Yonej ima, Haruko Tak eyama, Akira M atsutani, Kenji Mizuguchi, Moto hiko Miyachi an d Jun Kunisawa	Oral administration of Bl autia wexlerae ameliorate s obesity and type 2 dia betes via metabolic remo deling of the gut microbi ota. Nature Communicati ons	Nature Communi cations	13	4477	2022
Kou Hioki, Tom oya Hayashi, <u>Ya yoi Natsume-Kit atani</u> , Kouji Kob iyama, Burcu Te mizoz, Hideo Ne gishi, Hitomi Ka wakami, Hiroyuk i Fuchino, Etsus hi Kuroda, Ceva yir Coban, Nobu o Kawahara and Ken J. Ishii	Machine Learning-Assiste d Screening of Herbal M edicine Extracts as Vacci ne Adjuvants.	Front. Immunol.	13	847616	2022

ロドルフォ セ バスチアン ア ジェンデス オ ソリオ、 <u>夏目 やよい</u>	機械学習を用いたアジュ バント開発の新潮流	月刊ファインケ ミカル	51	12	2022
中村 恵宣、北 村 英也、小倉 高志、 <u>夏目やよ い</u> 、水口賢司	官民研究開発投資拡大プ ログラム (PRISM) で構 築する特発性肺線維症に 対する創薬標的探索プ ラットフォームについて	MEDCHEM NEWS	32	119-123	2022