

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
Takeshi Hase, Samik Ghosh, Sucheendran K. Palaniappan, and Hiroaki Kitano	Cancer Network Medicine	Joseph Loscalzo, Albert-László Barabási, and Edwin K. Silverman	Network Medicine - Complex Systems in Human Disease and Therapeutics	Harvard University Press	USA	2017	Chapter 13
Kitano, H.	Biological Complexity and the need for Computational Approaches.	Sara Green	Philosophy of Systems Biology: Perspectives from Scientists and Philosophers	Springer	Germany	2017	169-180
Matsuoka, Y., Fujita, K., Ghosh, S., Kitano, H.	Weaving Knowledge into Biological Pathways in a Collaborative Manner	Julia Hoeng and Manuel C. Peitsch	Computational Systems Toxicology	Humana Press, Springer	Germany	2015	181-208

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
Buesen R, Chorley BA, N, da Silva Lima B, Daston G, Deferme L, Ebbels T, Gant TW, Goetz A, Greally J, Gribaldo L, Hackermüller J, Hubesch B, Jennen D, Johnson K, Kanno J, Kauffmann HM, Laffont M, McMullen P, Meehan R, Pemberton M, Perdichizzi S, Piersma AH, Saueker UG, Schmidt K, Seitz H, Sumida K, Tollens KE, Tong W, Tralau T, van Ravenzwaay B, Weber RJM, Worth A, Yauk C, Poole A.	Applying 'omics technologies in chemicals risk assessment: Report of an ECETOC workshop.	Regul Toxicol Pharmacol.	91 Suppl 1	S3-S13	2017
Take M, Takeuchi T, Hirai S, Takanobu K, Matsumoto M, Fukushima S, Kanno J.	Distribution of 1,2-dichloropropane in blood and other tissues of rats after oral administration.	J Toxicol Sci.	42(2)	121-128	2017
Ohtake F, Saeki Y, Ishido S, Kanno J, Tanaka K.	The K48-K63 Branched Ubiquitin Chain Regulates NF- κ B Signaling.	Mol Cell.	64(2)	251-266	2016
Furukawa Y, Tanemura K, Igarashi K, Idetsu A-Otsuka M, Aisaki K, Kitajima S, Kitagawa M, Kanno J.	Learning and Memory Deficits in Male Adult Mice Treated with a Benzodiazepine Sleep-Inducing Drug during the Juvenile Period.	Front Neurosci.	10	339	2016
Kanno J.	Introduction to the concept of signal toxicity.	J Toxicol Sci.	41	SP105-SP109	2016
Fujimoto N, Kanno J.	Increase in prostate stem cell antigen expression in prostatic hyperplasia induced by testosterone and 17 β -estradiol in C57BL mice.	CJ Steroid Biochem Mol Biol.	158	56-62	2016
Kanno J.	[Biomechanism-based innovation of toxicology by the fundamental concept of "Signal Toxicity"(Japanese)]	Kokuritsu Iyakuhojin Shokuhin Eisei Kenkyusho Hokoku.	133	21-28	2015
Archana Bajpai, Takashi Ishii, Kosuke Miyayachi, Vipul Gupta, Yuka Nishio-Masaikane, Yuki Shimizu-Yoshida, Masato Kubo and Hiroaki Kitano.	Insights into gene expression profiles induced by Socs3 depletion in keratinocytes	Scientific Reports	7	Article number:15830	2017

Akinori Nishi, Katsuya Ohbuchi, Hirotakana Kushida, Takashi Mapo, Keiko Lee, Haruo Kuroki, Shigeki Nabeshima, Chika Shimobori, Nagisa Komokata, Hitomi Kanno, Naoko Tsuchiya, Makoto Zushi, Tomohisa Hattori, Masahiro Yamamoto, Yoshio Kase, Yukiko Matsuoka and Hiroaki Kitano.	Deconstructing the traditional Japanese medicine "Kampo": compounds, metabolites and pharmacological profiles of maoto, a remedy for flu-like symptoms,	npj Systems Biology and Applications	13	Article number: 32	2017
Caron, E., Roncagalli, R., Hase, T., Wolfski, W.E., Choi, M., Menoita, M.G., Duran, S., Garcia-Blesa, A., Fierro-Monti, I., Sajic, T., Heusel, M., Weiss, T., Malissen, M., Schlappbach, R., Collins, B.C., Ghosh, S., Kitano, H.	Precise Temporal Profiling of Signaling Complexes in Primary Cells Using SWATH Mass Spectrometry.	Cell Reports	18	3219-3226	2017
北野宏明	ブロックチェーンの活路は人工知能との連携にあり	ハーバード・ビジネス・レビュー	8	24-37	2017
北野宏明	あなたのラボにAI (人工知能) ×ロボットがやってくる」, ノーベル・チューリング・チャレンジ:人工知能による科学的発見の再定義と生命科学の加速をめざして,	実験医学別冊	12月別冊	22-31	2017
北野宏明	システム論とデータ駆動分析から可能となる老化研究	実験医学増刊号「総力戦で挑む老化・寿命研究」	35 (20)	115-123	2017
Hsin KY, Matsuoka Y, Asai Y, Kamiyoshi K, Watanabe T, Kawawaoka Y, Kitano H.	systemsDock: a web server for network pharmacology-based prediction and analysis	Nucleic Acids Research	44(W1)	W507-13	2016
Kitano H.	Artificial Intelligence to Win the Nobel Prize and Beyond: Creating the Engine for Scientific Discovery	AI Magazine	37(1)	39-49	2016
Hird N., Ghosh S., Kitano H.	Digital health revolution: perfect storm or perfect opportunity for pharmaceutical R&D?	Drug Discovery Today	21(6)	900-911	2016

Hieu T Nim, Milena B Furtado, Mauro W Costa, Nadia A Rosenthal, Hiroaki Kitano and Sarah E Boyd.	VISIONET: intuitive visualization of overlapping transcription factor networks, with applications in cardiogenic gene discovery.	BMC Bioinformatics.	16	141	2016
北野宏明	システム・トキシコロジーの展開	QIGEN eyes	12	7-9	2015
北野宏明	システム・トキシコロジーの展開 (第2回)	QIGEN eyes	13	7-9	2015
Tiago J. S. Lopes, Jason E. Shoemaker, Yukiko Matsuoka, Yoshihiro Kawaoka, Hiroaki Kitano.	Identifying problematic drugs based on the characteristics of their targets	frontiers in Pharmacology	6	186	2015
Kitano, H.	Accelerating systems biology research and its real world deployment	npj Systems Biology and Applications	1	Article number: 15009	2015
Takahiro Amemiya, Masashi Honma, Yoshiaki Kariya, Samik Ghosh, Hiroaki Kitano, Yoshihisa Kurachi, Ken-ichi Fujita, Yasutsuna Sasaki, Yukio Homma, Darrel R Abernethy, Haruki Kume & Hiroshi Suzuki.	Elucidation of the molecular mechanisms underlying adverse reactions associated with a kinase inhibitor using systems toxicology,	npj Systems Biology and Applications	1	Article number: 15005	2015