

別紙 4

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
柳井修一	野生動物と飼育動物の寿命	鳥羽研二、秋下雅弘、荒井康道、石神昭人、石崎達郎、更科功、鈴木隆雄	寿命の事典	朝倉書店	東京	2025	318-319

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
<u>Shigemoto-Mogami Y</u> , Nakayama A, <u>Kitamura K</u> , <u>Sato K</u> .	Search for marker proteins to assess blood-brain barrier development	Frontiers in Neuroanatomy	20	1717532	2026
Takahashi K, Qian Z, <u>Shigemoto-Mogami Y</u> , Zhang B, Ohwada T, Abe I, Awakawa T, <u>Sato K</u> .	Search for compounds with inhibitory effects on microglial activation in a small-molecule library constructed by synthetic biology	ACS Omega	11	20547	2026
Matsumoto M, Natsume M, Iso T, Umano T, Murata Y, Masumura K, <u>Horibata K</u> , <u>Sugiyama KI</u> .	Increased mutagenicity in the liver of Mutan Mouse females following oral treatment with commercial-grade toluene diisocyanate	Genes Environ	47	12	2025
Mishima M, <u>Izawa K</u> , Tsuda M, Higuchi Y, Uehara S, Suemizu H, <u>Sugiyama KI</u> .	Development of a DNA damage assay system using stable human hepatocytes.	Genes and Environment	48	3	2026

<u>Sugiyama KI</u> , Furuhashi A, <u>Horibata K</u> , Tsuda M, <u>Izawa K</u> , Tsuji G, Demizu Y, Matsushita K, Toyoda T, Hirabayashi Y, Saito Y, Honma M.	Assessment of mutagenic potential of puberulic acid contaminated in red yeast rice (beni-koji) health food supplements.	Mutagenesis	41	110-118	2026
<u>鈴木 孝昌</u>	Error-corrected next generation sequencing (ecNGS) の現状	毒性質問箱	27	50-55	2025
Yauk CL, Lynch AM, Dobrovolsky VN, Schuler M, Smith-Roe SL, Fitzgerald D, Higgins J, Honarvar N, Le Curieux F, Matsumura S, Minocherhomji S, Recio L, Salk JJ, <u>Sugiyama KI</u> , <u>Suzuki T</u> , Willis JW, Marchetti F.	Application of error-corrected sequencing technologies for in vivo regulatory mutagenicity assessment.	Regul Toxicol Pharmacol.	164	105985	2026
Honda H, <u>Suzuki T</u> , Kitajima M, Kondo NI, Miyata K, Utsumi S, Yamada M.	The new era shaped by environmental genome monitoring - symposium of the Japanese environmental mutagen and genome society (JEMS), 2024.	Genes Environ	47	6	2025
Matsumura S, Hosoi S, Hirose T, Otsubo Y, Saito K, Miyazawa M, Kawade A, Hakura A, Kakiuchi D, Asakura S, Koyama N, Okada Y, Chikura S, Kimoto T, Masumura K, <u>Suzuki T</u> , <u>Sugiyama KI</u> .	Whole genome mutagenicity evaluation using HawkSeq™ demonstrates high inter-laboratory reproducibility and concordance with the transgenic rodent gene mutation assay.	Genes Environ	47	13	2025
Ono Y, Tanaka K, Sato E, Ito M, Zhang D, Honda M, Ogawa T, Tagaya H, Fukuda T, Shinozaki Y, Kato K, <u>Koizumi S</u> , Yoshino O.	Activated eosinophil plays a role in promoting fibrosis in endometrial lesion.	Sci Rep.	15	28015	2025

Kubota Y, Shigetomi E, Parajuli B, <u>Koizumi S</u> .	Astrocytes: crucial transducers that convert norepinephrine inputs to ATP signaling in the brain.	Purinergic Signaling.	21	1237-1240	2025
Shimozono K, Kim YJ, Hata T, Nan H, Saito K, Mori Y, Neno Y, Iwasaki M, <u>Koizumi S</u> , Ohtsuka T, Takiyama Y.	4-Phenylbutyric Acid Improves Gait Ability of UBAP1-Related Spastic Paraplegia Mouse Model: Therapeutic Potential for SPG80.	Int J Mol Sci	26 (19)	9779	2025
Parajuli B, Doi H, Shigetomi E, Suzuki H, Saito K, Sawada K, <u>Koizumi S</u> .	Development of a label-free Ca ²⁺ image sensor to visualize extracellular Ca ²⁺ dynamics in the biological samples	Biosens Bioelectron.	287	117729	2025
<u>Shuichi Yanai</u>	Cooperation between behavioral science and gerontology to better understand and attack cognitive decline in an aging world	Behavioral Science Research	63 (2)	123-134	2025
Shipan Fan, Carolina Ramallo-Guevara, Monika Frenz, <u>Shuichi Yanai</u> , Sataro Gotō, Michiru D. Sugawara, Norbert A. Dencher, Ansgar Poetsch.	Not aging but calorie restriction strongly affects protein oxidation in heart and brain mitochondria	Aging cell	25	e70339	2025