

所属・氏名（薬学部 薬学科 氏名：池田 潔）

著書、学術論文等の名称	単著 共著 の別	発行又は発表 の年月	発行所、発表雑誌 等又は発表学会等 の名称	概 要
1 (学術論文) Fluorogenic Probes for Accurate in Situ Imaging of Viral and Mammalian Sialidases	共著	2019	ACS Chem. Biol. 2019, 14, 6, 1195-1204.	luorogenic Probes for Accurate in Situ Imaging of Viral and Mammalian Sialidases (10 ページ) シアル酸誘導体の合成 Yuuki Kurebayashi, Tadanobu Takahashi, Tomomi Miura, Tadamune Otsubo, Akira Minami, Yuka Fujita, Keiko Sakakibara, Momoko Tanabe, Ayano Iuchi, Ryohei Ota, Kiyoshi Ikeda, Takashi Suzuki
2 (学術論文) Application of Novel Sialoglyco Particulates Enhances the Detection Sensitivity of the Equine Influenza Virus by Real-Time Reverse Transcriptase Polymerase Chain Reaction	共著	2019	ACS Appl. Bio Mater. 2019, 2, 3, 1255-1261.	Application of Novel Sialoglyco Particulates Enhances the Detection Sensitivity of the Equine Influenza Virus by Real-Time Reverse Transcriptase Polymerase Chain Reaction (7 ページ) シアル酸誘導体の合成 Makoto Ogata, Takashi Yamanaka, Ami Koizumi, Mao Sakamoto, Rena Aita, Hiroyuki Endo, Takehiro Yachi, Noriko Yamauchi, Tadamune Otsubo, Kiyoshi Ikeda, Tatsuya Kato, Enoch Y. Park, Hiroyuki Kono, Manabu Nemoto, Kazuya I. P. J. Hidari
3 (学術論文) A novel, simplified strategy of relative quantification N-glycan: Quantitative glycomics using electrospray ionization mass spectrometry through the stable isotopic labeling by transglycosylation reaction of mutant enzyme Endo-M-N175Q	共著	2018	Journal of Pharmaceutical and Biomedical Analysis 149 (2018) 365–373.	A novel, simplified strategy of relative quantification N-glycan: Quantitative glycomics using electrospray ionization mass spectrometry through the stable isotopic labeling by transglycosylation reaction of mutant enzyme Endo-M-N175Q (9 ページ) 化合物の合 成 Qing Shi, Ryugo Hashimoto, Tadamune Otsubo, Kiyoshi Ikeda, Kenichiro Todoroki, Hajime Mizuno, Dongri Jin, Toshimasa Toyo'oka, Zhe Jiang, Jun Zhe Min
4 (学術論文) Rapid regulation of sialidase activity in response to neural activity and sialic acid removal during memory processing in rat hippocampus	共著	2017	J. Biol. Chem., 292(14), 5645–5654 (2017).	Rapid regulation of sialidase activity in response to neural activity and sialic acid removal during memory processing in rat hippocampus (9 ページ) シアル酸誘導体 の合成 Akira Minami, Yuko Meguro, Sayaka Ishibashi, Ami Ishii, Mako Shiratori, Saki Sai, Yuuki Horii, Hirotaka Shimizu, Hokuto Fukumoto, Sumika Shimba, Risa Taguchi, Tadanobu Takahashi, Tadamune Otsubo, Kiyoshi Ikeda, and Takashi Suzuki
5 (学術論文) Chemoenzymatic synthesis and characterization of N-glycolylneuraminic acid-carrying sialoglycopolypeptides as effective inhibitors against equine influenza virus hemagglutination	共著	2017	Bioscience, Biotechnology, and Biochemistry, 2017 Vol. 81, No. 8, 1520–1528	Chemoenzymatic synthesis and characterization of N-glycolylneuraminic acid-carrying sialoglycopolypeptides as effective inhibitors against equine influenza virus hemagglutination (9 ページ) Makoto Ogata, Ami Koizumi, Tadamune Otsubo, Kiyoshi Ikeda, Mao Sakamoto, Rena Aita, Tatsuya Kato, Enoch Y. Park, Takashi Yamanaka & Kazuya I. P. J. Hidari