

Publication 2016

1. "Diagnosis of Periodontal Disease from Saliva Samples Using Fourier Transform Infrared Microscopy Coupled with Partial Least Squares Discriminant Analysis" Satoshi FUJII, Shinobu SATO, Keisuke FUKUDA, Toshinori OKINAGA, Wataru ARIYOSHI, Michihiko USUI, Keisuke NAKASHIMA, Tatsuji NISHIHARA, and Shigeori TAKENAKA *Analytical Sciences*, 32(2), 225-231 (2016).
2. "Electrochemical telomerase assay for screening for oral cancer" Mana Hayakawa, Masaaki Kodama, Shinobu Sato, Kumiko Tomoeda-Mori, Kazuya Haraguchi, Manabu Habu, Shigeori Takenaka, Kazuhiro Tominaga *British Journal of Oral and Maxillofacial Surgery*, 54(3), 301-305 (2016).
3. "Screening for oral cancer using electrochemical telomerase assay" Mana Hayakawa, Masaaki Kodama, Shinobu Sato, Kumiko Tomoeda-Mori, Kazuya Haraguchi, Manabu Habu, Shigeori Takenaka, Kazuhiro Tominaga *Electroanalysis* , 28, 503-507 (2016).
4. "Formation and electrical evaluation of a single metallized DNA nanowire in a nanochannel" Takahiro Himuro, Shinobu Sato, Shigeori Takenaka and Takashi *Electroanalysis* , 27, 1159-1165 (2016).
5. "Water-soluble porphyrinoids as G-quadruplex binders and telomerase inhibitors" Yoshiya Ikawa, Sho Katsumat, Sakashita Ryuichi, Shinobu Sato, Shigeori Takenaka and Hiroyuki Furuta, *Journal of Porphyrins and Phthalocyanines*, 20, 1041-1048(2016).
6. "DNA methylation detection based on difference of base content" Shinobu Sato, Keiichi Ohtsuka, Satoshi Honda, Yusuke Sato and Shigeori Takenaka *Journal of Physics: Conference Series*, 704, 012015 (2016).