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1. Electrochemical Method for G-quartet RNA Detection of COVID-19 Based on Cyclic Ferrocenylnaphthalene Diimide
Shuma Kaneyoshi, Shun Murakami, Takumi Ikeda, Kazuhisa Fujimoto, Satoshi Fujii, Shinobu Sato, Shigeori Takenaka
[Electroanalysis, 35, e202380401 \(2023\).](#)
<https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/elan.202380401>
2. Evaluation of the accuracy of hTERT gene aberrant methylation using electrochemical hybridization assay and liquid-based cytology in screening for oral squamous cell carcinoma
Kazuya Haraguchi, Shinobu Sato, Manabu Habu, Naomi Yada, Mana Hayakawa, Masaaki Sasaguri, Izumi Yoshioka, Kazuhiro Tominaga, Shigeori Takenaka
[Electroanalysis, 35, e202200564 \(2023\).](#)
<https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/full/10.1002/elan.202200564>
3. Cyclic anthraquinone derivatives, unique G-quadruplex binders, selectively induce cancer cell apoptosis and inhibit tumor growth
Hikaru Fukuda, Tingting Zou, Satoshi Fujii, Shinobu Sato, Daiki Wakahara, Sen Higashi, Ting-Yuan Tseng, Ta-Chau Chang, Naomi Yada, Kou Matsuo, Manabu Habu, Kazuhiro Tominaga, Hiroshi Takeuchi, Shigeori Takenaka
[PNAS Nexus, 2, pgad211](#)
<https://doi.org/10.1093/pnasnexus/pgad211>