

## Publication 2020

1. Cyclic Naphthalene Diimide with a Ferrocene Moiety as a Redox-Active Tetraplex-DNA Ligand  
Shuma Kaneyoshi, Tingting Zou, Shunsuke Ozaki, Ryusuke Takeuchi, Ayano Udou, Takumi Nakahara, Kazuhisa Fujimoto, Satoshi Fujii, Shinobu Sato, Shigeori Takenaka  
Chem. A Eur. J., 26, 139-142 (2020).; doi.org/10.1002/chem.201903883

2. The Interaction of Cyclic Naphthalene Diimide with G-Quadruplex under Molecular Crowding Condition  
Tingting Zou, Shinobu Sato, Rui Yasukawa, Ryusuke Takeuchi, Shunsuke Ozaki, Satoshi Fujii, Shigeori Takenaka  
Molecules, 25, 668 (2020).; doi.org/10.3390/molecules25030668

3. Exploring Providencia rettgeri for application to eco-friendly paper based microbial fuel cell  
Sharda Nara, Rahul Kandpal, Veeru Jaiswal, Shine Augustine, Srishti Wahie, Jai Gopal Sharma, Ryusuke Takeuchi, Shigeori Takenaka, Bansi Dhar Malhotra  
Biosensors and Bioelectronics, 165, 112323 (2020).; https://doi.org/10.1016/j.bios.2020.112323

Electrochemical sensory detection of: Sus scrofa mtDNA for food adulteration using hybrid ferrocenylnaphthalene diimide intercalator as a hybridization indicator

Norzila Kusnin, Nor Azah Yusof, Jaafar Abdullah, Suriana Sabri, Faruq Mohammad, Shuhaimi Mustafa, Nurul Asyikeen Ab Mutalib, Shinobu Sato, Shigeori Takenaka, Nor Azizah Parmin, Hamad A. Al-Lohedan

RSC Advances, 46, 27336 (2020).;

<https://pubs.rsc.org/en/content/articlelanding/2020/ra/d0ra03585h#!divAbstract>