

Publication 2012

1. "Detection of an aberrant methylation of CDH4 gene in PCR product by ferrocenylnaphthalene diimide-based electrochemical hybridization assay"
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2. "PCR-free telomerase assay using Chronocoulometry coupled with RuHex"
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Anal. Chem., **84**, 1772-1775 (2012).
3. "Structural Optimization of a DNA-Peptide Conjugate Aiming at Potassium Ion Sensing Agent in Living Cells"
Shinsuke Ohzawa, Keiichi Ohtsuka, Shinobu Sato, & Shigeori Takenaka
Peptide Science 2011,405-406 (2012).
4. "Electrochemical Detection of Periodontal Disease Using Protease Assay"
Shinichiro Nagata, Takeshi Ohshima, Keiichi Ohtsuka, Shinobu Sato, Masato Nagayoshi, Chiaki Kitamura, Tatsuji Nishihara, & Shigeori Takenaka
Peptide Science 2011,407-408 (2012).
5. "Electrochemical Detection of DNA Duplexes Using Ferrocenylnaphthalene Diimide Derivaives in Homogenous Solution"
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6. "Fluorescence imaging of potassium ions in living cells using a fluorescent probe based on a thrombin binding aptamer-peptide conjugate"
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7. "Electrochemical DNA Detection Using Supramolecular Interactions"
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8. "Improving the affinity of naphthalene diimide ligand to telomeric DNA by incorporating Zn²⁺ ions into its dipicolylamine groups"

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