

Kosuke Mukumoto

List of Publications by Year in descending order

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15
papers

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citations

1307594

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406
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Accessibility of Densely Localized DNA on Soft Polymer Nanoparticles. <i>Langmuir</i> , 2018, 34, 14731-14737. | 3.5 | 5 |
| 2 | Bright Fluorescent Nanotags from Bottlebrush Polymers with DNA-Tipped Bristles. <i>ACS Central Science</i> , 2015, 1, 431-438. | 11.3 | 58 |
| 3 | Synthesis and Characterization of Molecular Bottlebrushes Prepared by Iron-Based ATRP. <i>Macromolecules</i> , 2012, 45, 9243-9249. | 4.8 | 35 |
| 4 | Iron-Based ICAR ATRP of Styrene with ppm Amounts of FeIII Br ₃ and 1,1'-Azobis(cyclohexanecarbonitrile). <i>ACS Macro Letters</i> , 2012, 1, 599-602. | 4.8 | 74 |
| 5 | Reliable ferrocenyloligonucleotide-immobilized electrodes and their application to electrochemical DNase I assay. <i>Analytica Chimica Acta</i> , 2009, 645, 30-35. | 5.4 | 16 |
| 6 | Electrochemical assay for deoxyribonuclease I activity. <i>Analytical Biochemistry</i> , 2008, 381, 233-239. | 2.4 | 15 |
| 7 | Direct Modification of mRNA by Ferrocenyl Carbodiimide and Its Application to Electrochemical Detection of mRNA. <i>Analytical Sciences</i> , 2007, 23, 115-119. | 1.6 | 21 |
| 8 | Reactivity of Ferrocenylcarbodiimide with DNA Duplex Containing Single-mismatched Base Pairs. <i>Analytical Sciences</i> , 2007, 23, 645-649. | 1.6 | 2 |
| 9 | Synthesis of Ferrocenyl Deoxyribonucleic Acids (DNAs) and Their Application to Electrochemical Gene Detection. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2006, 64, 208-221. | 0.1 | 2 |
| 10 | Preparation of Carbodiimide-terminated Dithiolane Self-Assembly Monolayers as a New DNA-Immobilization Method. <i>Analytical Sciences</i> , 2006, 22, 349-355. | 1.6 | 8 |
| 11 | Electrochemical detection of DNase I activity. <i>Nucleic Acids Symposium Series</i> , 2006, 50, 307-308. | 0.3 | 4 |
| 12 | Synthesis of ferrocenylcarbodiimide as a convenient electrochemically active labeling reagent for nucleic acids. <i>Tetrahedron</i> , 2005, 61, 11705-11715. | 1.9 | 23 |
| 13 | Investigation of ferrocenyl carbodiimide (FCDI) in the modification reaction of nucleic acids. <i>Nucleic Acids Symposium Series</i> , 2005, 49, 231-232. | 0.3 | 0 |
| 14 | Synthesis of ferrocenyl carbodiimide as a novel ferrocenyl reagent of single stranded DNA. <i>Nucleic Acids Symposium Series</i> , 2004, 48, 251-252. | 0.3 | 3 |
| 15 | Development of a novel genosensor based on ferrocenyl oligonucleotides. <i>Nucleic Acids Symposium Series</i> , 2003, 3, 43-44. | 0.3 | 2 |