

# Kosuke Mukumoto

## List of Publications by Year in descending order

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