

# Hiroka Sugai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5246945/publications.pdf>

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11  
papers

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citations

1477746

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1473754

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docs citations

11  
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67  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Component Array Based on a Dansyl-Modified Polylysine: Generation of Differential Fluorescent Signatures for the Discrimination of Human Cells. <i>ACS Sensors</i> , 2019, 4, 827-831.	4.0	20
2	Microfluidic Sensing System with a Multichannel Surface Plasmon Resonance Chip: Damage-Free Characterization of Cells by Pattern Recognition. <i>Analytical Chemistry</i> , 2020, 92, 14939-14946.	3.2	12
3	Pattern-recognition-based Sensor Arrays for Cell Characterization: From Materials and Data Analyses to Biomedical Applications. <i>Analytical Sciences</i> , 2020, 36, 923-934.	0.8	12
4	Optical Fingerprints of Proteases and Their Inhibited Complexes Provided by Differential Cross-Reactivity of Fluorophore-Labeled Single-Stranded DNA. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 47428-47436.	4.0	11
5	A Multichannel Pattern-Recognition-Based Protein Sensor with a Fluorophore-Conjugated Single-Stranded DNA Set. <i>Sensors</i> , 2020, 20, 5110.	2.1	10
6	Fingerprint-based Protein Identification in Cell Culture Medium Using Environment-sensitive Turn-on Fluorescent Polymer. <i>Sensors and Materials</i> , 2019, 31, 1.	0.3	9
7	Uncharged Components of Single-Stranded DNA Modulate Liquid-Liquid Phase Separation With Cationic Linker Histone H1. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 710729.	1.8	6
8	Module Strategy for Peptide Ribonucleic Acid (PRNA)-DNA and PRNA-Peptide Nucleic Acid (PNA)-DNA Chimeras: Synthesis and Interaction of Chimeras with DNA and RNA. <i>Chemistry Letters</i> , 2016, 45, 350-352.	0.7	4
9	Peptide Ribonucleic Acid (PRNA)-Arginine Hybrids. Effects of Arginine Residues Alternatingly Introduced to PRNA Backbone on Aggregation, Cellular Uptake, and Cytotoxicity. <i>Chemistry Letters</i> , 2018, 47, 381-384.	0.7	3
10	A Biomimetic Sensor Array Based on a Single Fluorescent Block-copolymer for the Pattern Recognition of Proteins. <i>Chemistry Letters</i> , 2020, 49, 1447-1451.	0.7	1
11	Molecular array device and multivariate analysis for biological fluids. <i>Denki Kagaku</i> , 2020, 88, 262-271.	0.0	1