

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

89

citations

1478505

6

h-index

1474206

9

g-index

11

all docs

11

docs citations

11

times ranked

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. ACS Sensors, 2019, 4, 827-831.	7.8	20
2	Microfluidic Sensing System with a Multichannel Surface Plasmon Resonance Chip: Damage-Free Characterization of Cells by Pattern Recognition. Analytical Chemistry, 2020, 92, 14939-14946.	6.5	12
3	Pattern-recognition-based Sensor Arrays for Cell Characterization: From Materials and Data Analyses to Biomedical Applications. Analytical Sciences, 2020, 36, 923-934.	1.6	12
4	Optical Fingerprints of Proteases and Their Inhibited Complexes Provided by Differential Cross-Reactivity of Fluorophore-Labeled Single-Stranded DNA. ACS Applied Materials & Interfaces, 2019, 11, 47428-47436.	8.0	11
5	A Multichannel Pattern-Recognition-Based Protein Sensor with a Fluorophore-Conjugated Single-Stranded DNA Set. Sensors, 2020, 20, 5110.	3.8	10
6	Fingerprint-based Protein Identification in Cell Culture Medium Using Environment-sensitive Turn-on Fluorescent Polymer. Sensors and Materials, 2019, 31, 1.	0.5	9
7	Uncharged Components of Single-Stranded DNA Modulate Liquid-Liquid Phase Separation With Cationic Linker Histone H1. Frontiers in Cell and Developmental Biology, 2021, 9, 710729.	3.7	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. Chemistry Letters, 2016, 45, 350-352.	1.3	4
9	Peptide Ribonucleic Acid (PRNA)-Arginine Hybrids. Effects of Arginine Residues Alternatingly Introduced to PRNA Backbone on Aggregation, Cellular Uptake, and Cytotoxicity. Chemistry Letters, 2018, 47, 381-384.	1.3	3
10	A Biomimetic Sensor Array Based on a Single Fluorescent Block-copolymer for the Pattern Recognition of Proteins. Chemistry Letters, 2020, 49, 1447-1451.	1.3	1
11	Molecular array device and multivariate analysis for biological fluids. Denki Kagaku, 2020, 88, 262-271.	0.0	1