

Yusuke Sakai

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

449
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	Topogami: Topologically Linked DNA Origami. ACS Nanoscience Au, 2022, 2, 57-63.	4.8	3
2	FRET-Mediated Observation of Protein-Triggered Conformational Changes in DNA Nanostructures. Methods in Molecular Biology, 2021, 2208, 69-80.	0.9	1
3	Dual pathways of tRNA hydroxylation ensure efficient translation by expanding decoding capability. Nature Communications, 2019, 10, 2858.	12.8	38
4	DNA Aptamers for the Functionalisation of DNA Origami Nanostructures. Genes, 2018, 9, 571.	2.4	32
5	The Three S's for Aptamer-Mediated Control of DNA Nanostructure Dynamics: Shape, Self-Complementarity, and Spatial Flexibility. ChemBioChem, 2018, 19, 1900-1906.	2.6	4
6	Allosteric control of nanomechanical DNA origami pinching devices for enhanced target binding. Chemical Communications, 2017, 53, 8276-8279.	4.1	5
7	Biogenesis and iron-dependency of ribosomal RNA hydroxylation. Nucleic Acids Research, 2017, 45, 12974-12986.	14.5	34
8	Biogenesis and growth phase-dependent alteration of 5-methoxycarbonylmethoxyuridine in tRNA anticodons. Nucleic Acids Research, 2016, 44, 509-523.	14.5	49
9	Nanomechanical DNA origami devices as versatile molecular sensors. , 2012, , .		1
10	Clear-cut observation of PNA invasion using nanomechanical DNA origami devices. Chemical Communications, 2012, 48, 11361.	4.1	35
11	Nanomechanical DNA origami 'single-molecule beacons' directly imaged by atomic force microscopy. Nature Communications, 2011, 2, 449.	12.8	247