

Satoshi Fujii

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

593
citations

623188

14
h-index

676716

22
g-index

28
all docs

28
docs citations

28
times ranked

892
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequence-dependent DNA deformability studied using molecular dynamics simulations. <i>Nucleic Acids Research</i> , 2007, 35, 6063-6074.	6.5	111
2	Sequence-Dependent Conformational Energy of DNA Derived from Molecular Dynamics Simulations: Toward Understanding the Indirect Readout Mechanism in Protein-DNA Recognition. <i>Journal of the American Chemical Society</i> , 2005, 127, 16074-16089.	6.6	50
3	Conformation and the sodium ion condensation on DNA and RNA structures in the presence of a neutral cosolute as a mimic of the intracellular media. <i>Molecular BioSystems</i> , 2008, 4, 579.	2.9	46
4	Functional analysis of thyroid hormone receptor beta in <i>Xenopus tropicalis</i> founders using CRISPR-Cas. <i>Biology Open</i> , 2018, 7, .	0.6	40
5	Design of tetraplex specific ligands: cyclic naphthalene diimide. <i>Chemical Communications</i> , 2014, 50, 5967-5969.	2.2	38
6	NF-E2 p45 Is Important for Establishing Normal Function of Platelets. <i>Molecular and Cellular Biology</i> , 2013, 33, 2659-2670.	1.1	35
7	A Selective G-Quadruplex DNA-Stabilizing Ligand Based on a Cyclic Naphthalene Diimide Derivative. <i>Molecules</i> , 2015, 20, 10963-10979.	1.7	35
8	Rapid and efficient analysis of gene function using CRISPR-Cas9 in <i>Xenopus tropicalis</i> founders. <i>Genes To Cells</i> , 2016, 21, 755-771.	0.5	28
9	Dzip3 regulates developmental genes in mouse embryonic stem cells by reorganizing 3D chromatin conformation. <i>Scientific Reports</i> , 2015, 5, 16567.	1.6	25
10	Genome-wide screening reveals a role for subcellular localization of CRBN in the anti-myeloma activity of pomalidomide. <i>Scientific Reports</i> , 2020, 10, 4012.	1.6	25
11	SMARCD1 is an ATP-dependent stimulator of nucleosomal H2A acetylation via CBP, resulting in transcriptional regulation. <i>Scientific Reports</i> , 2016, 6, 20179.	1.6	24
12	The role of Mediator and Little Elongation Complex in transcription termination. <i>Nature Communications</i> , 2020, 11, 1063.	5.8	21
13	Ferrocenyl naphthalene diimide can bind to DNA-RNA hetero duplex: potential use in an electrochemical detection of mRNA expression. <i>Journal of Organometallic Chemistry</i> , 2001, 637-639, 476-483.	0.8	18
14	Diagnosis of Periodontal Disease from Saliva Samples Using Fourier Transform Infrared Microscopy Coupled with Partial Least Squares Discriminant Analysis. <i>Analytical Sciences</i> , 2016, 32, 225-229.	0.8	16
15	Cyclic Naphthalene Diimide with a Ferrocene Moiety as a Redox-Active Tetraplex-DNA Ligand. <i>Chemistry - A European Journal</i> , 2020, 26, 139-142.	1.7	14
16	The Interaction of Cyclic Naphthalene Diimide with G-Quadruplex under Molecular Crowding Condition. <i>Molecules</i> , 2020, 25, 668.	1.7	14
17	Thermodynamics and kinetic studies in the binding interaction of cyclic naphthalene diimide derivatives with double stranded DNAs. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4769-4776.	1.4	12
18	A simple and practical workflow for genotyping of CRISPR-Cas9-based knockout phenotypes using multiplexed amplicon sequencing. <i>Genes To Cells</i> , 2020, 25, 498-509.	0.5	11

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19	Effects of 4-Hydroxy-2,3,4,5-Pentachlorobiphenyl (4-OH-CB107) on Liver Transcriptome in Rats: Implication in the Disruption of Circadian Rhythm and Fatty Acid Metabolism. <i>Toxicological Sciences</i> , 2018, 165, 118-130.	1.4	9
20	Identification of aryl hydrocarbon receptor signaling pathways altered in TCDD-treated red seabream embryos by transcriptome analysis. <i>Aquatic Toxicology</i> , 2016, 177, 156-170.	1.9	8
21	Cooperative Binding of Ferrocenyl naphthalene Diimide Carrying β -Cyclodextrin Converts Double-Stranded DNA to a Rod-Like Structure. <i>Bioconjugate Chemistry</i> , 2015, 26, 379-382.	1.8	7
22	Cyclic ferrocenyl naphthalene diimides as a probe for electrochemical telomerase assay. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111746.	1.5	3
23	Molecular dynamics investigation of the double stranded oligonucleotide d(AT) ₆ d(AT) ₆ . <i>Nucleic Acids Symposium Series</i> , 2002, 2, 175-176.	0.3	0
24	Supramolecular Assembly of Fullerene Derivatives in the Absence or Presence of Double Stranded DNA in Water. <i>Bunseki Kagaku</i> , 2005, 54, 449-454.	0.1	0
25	1P-285 Genome-wide target prediction of transcriptional factor based on interaction data (The 46th) Tj ETQq1 1 0.784314 rgBT / Over	0.0	0
26	Naphthalene Diimides Carrying Two β -Cyclodextrins Prefer Telomere RNA G-Quadruplex Recognition. <i>Molecules</i> , 2022, 27, 4053.	1.7	0