

Hiroshi Arakawa

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,281
citations

623734

14
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	ESCO1/2's roles in chromosome structure and interphase chromatin organization. <i>Genes and Development</i> , 2017, 31, 2136-2150.	5.9	32
2	A double-strand break can trigger immunoglobulin gene conversion. <i>Nucleic Acids Research</i> , 2017, 45, 231-243.	14.5	6
3	A Method to Convert mRNA into a Guide RNA (gRNA) Library without Requiring Previous Bioinformatics Knowledge of the Organism. <i>Bio-protocol</i> , 2017, 7, e2319.	0.4	0
4	A method to convert mRNA into a gRNA library for CRISPR/Cas9 editing of any organism. <i>Science Advances</i> , 2016, 2, e1600699.	10.3	17
5	<scp>DNA</scp> Ligases I and <scp>III</scp> Support Nucleotide Excision Repair in <scp>DT</scp> 40 Cells with Similar Efficiency. <i>Photochemistry and Photobiology</i> , 2015, 91, 1173-1180.	2.5	14
6	Alternative Okazaki Fragment Ligation Pathway by DNA Ligase III. <i>Genes</i> , 2015, 6, 385-398.	2.4	22
7	Targeting Of Somatic Hypermutation By immunoglobulin Enhancer And Enhancer-Like Sequences. <i>PLoS Biology</i> , 2014, 12, e1001831.	5.6	51
8	Tumor suppressor RecQL5 controls recombination induced by DNA crosslinking agents. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1002-1012.	4.1	11
9	DNA Ligases I and III Cooperate in Alternative Non-Homologous End-Joining in Vertebrates. <i>PLoS ONE</i> , 2013, 8, e59505.	2.5	66
10	Functional redundancy between DNA ligases I and III in DNA replication in vertebrate cells. <i>Nucleic Acids Research</i> , 2012, 40, 2599-2610.	14.5	57
11	Protein evolution by hypermutation and selection in the B cell line DT40. <i>Nucleic Acids Research</i> , 2007, 36, e1-e1.	14.5	41
12	Uracil DNA Glycosylase Disruption Blocks Ig Gene Conversion and Induces Transition Mutations. <i>Journal of Immunology</i> , 2006, 176, 365-371.	0.8	78
13	Immunoglobulin gene conversion and hypermutation assay by facs. <i>Sub-Cellular Biochemistry</i> , 2006, 40, 351-352.	2.4	6
14	Targeted transfection of DT40 cells. <i>Sub-Cellular Biochemistry</i> , 2006, 40, 419-421.	2.4	5
15	Activation-Induced Cytidine Deaminase Initiates Immunoglobulin Gene Conversion and Hypermutation by a Common Intermediate. <i>PLoS Biology</i> , 2004, 2, e179.	5.6	113
16	Immunoglobulin gene conversion: Insights from bursal B cells and the DT40 cell line. <i>Developmental Dynamics</i> , 2004, 229, 458-464.	1.8	103
17	Requirement of the Activation-Induced Deaminase (AID) Gene for Immunoglobulin Gene Conversion. <i>Science</i> , 2002, 295, 1301-1306.	12.6	433
18	Effect of Environmental Antigens on the Ig Diversification and the Selection of Productive VJ Joints in the Bursa. <i>Journal of Immunology</i> , 2002, 169, 818-828.	0.8	25

#	ARTICLE	IF	CITATIONS
19	Mutant loxP vectors for selectable marker recycle and conditional knock-outs. BMC Biotechnology, 2001, 1, 7.	3.3	168
20	Molecular Characterization of Extrachromosomal Circular DNAs from Differentiating Embryonic Stem Cells.. Cell Structure and Function, 1996, 21, 451-457.	1.1	1
21	Early expression of Ig $\hat{1}/4$ chain from a transgene significantly reduces the duration of the pro-B stage but does not affect the small pre-B stage. International Immunology, 1996, 8, 1319-1328.	4.0	14
22	Signal joint of immunoglobulin V $\hat{1}$ »1-J $\hat{1}$ » and novel joints of chimeric V pseudogenes on extrachromosomal circular DNA from chicken bursa. European Journal of Immunology, 1993, 23, 245-249.	2.9	18