

Aya Kurosawa

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

500
citations

623734

14
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

726
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophosphorylation and Self-Activation of DNA-Dependent Protein Kinase. <i>Genes</i> , 2021, 12, 1091.	2.4	3
2	Complex genetic interactions between DNA polymerase β and the NHEJ ligase. <i>FEBS Journal</i> , 2020, 287, 377-385.	4.7	3
3	GPR31 and GPR151 are activated under acidic conditions. <i>Journal of Biochemistry</i> , 2019, 166, 317-322.	1.7	22
4	A novel partial agonist of GPBA reduces blood glucose level in a murine glucose tolerance test. <i>European Journal of Pharmacology</i> , 2017, 814, 130-137.	3.5	4
5	Mechanistic basis for increased human gene targeting by promoterless vectors—roles of homology arms and Rad54 paralogs. <i>FEBS Journal</i> , 2017, 284, 2748-2763.	4.7	2
6	Identification and molecular docking studies for novel inverse agonists of SREB, super conserved receptor expressed in brain. <i>Genes To Cells</i> , 2016, 21, 717-727.	1.2	26
7	Mutations in XRCC4 cause primordial dwarfism without causing immunodeficiency. <i>Journal of Human Genetics</i> , 2016, 61, 679-685.	2.3	11
8	Role for Artemis nuclease in the repair of radiation-induced DNA double strand breaks by alternative end joining. <i>DNA Repair</i> , 2015, 31, 29-40.	2.8	18
9	In vivo and in vitro evaluation of novel μ -opioid receptor agonist compounds. <i>European Journal of Pharmacology</i> , 2015, 767, 193-200.	3.5	9
10	Analysis of the Role of Homology Arms in Gene-Targeting Vectors in Human Cells. <i>PLoS ONE</i> , 2014, 9, e108236.	2.5	20
11	Both CpG Methylation and Activation-Induced Deaminase Are Required for the Fragility of the Human <i>bcl-2</i> Major Breakpoint Region: Implications for the Timing of the Breaks in the t(14;18) Translocation. <i>Molecular and Cellular Biology</i> , 2013, 33, 947-957.	2.3	26
12	Interference in DNA Replication Can Cause Mitotic Chromosomal Breakage Unassociated with Double-Strand Breaks. <i>PLoS ONE</i> , 2013, 8, e60043.	2.5	18
13	DNA Ligase IV and Artemis Act Cooperatively to Suppress Homologous Recombination in Human Cells: Implications for DNA Double-Strand Break Repair. <i>PLoS ONE</i> , 2013, 8, e72253.	2.5	20
14	Artemis C-terminal region facilitates V(D)J recombination through its interactions with DNA Ligase IV and DNA-PKcs. <i>Journal of Experimental Medicine</i> , 2012, 209, 955-963.	8.5	51
15	Nucleofection-based gene targeting in human pre-B cells. <i>Gene</i> , 2012, 492, 305-308.	2.2	7
16	Functions and Regulation of Artemis: A Goddess in the Maintenance of Genome Integrity. <i>Journal of Radiation Research</i> , 2010, 51, 503-509.	1.6	31
17	Topoisomerase III α inhibition following DNA transfection greatly enhances random integration in a human pre-B lymphocyte cell line. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 492-496.	2.1	6
18	Heterozygous Disruption of the DNA Topoisomerase I Gene Confers Cellular Resistance to Camptothecin in Human Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 724-727.	1.4	3

#	ARTICLE	IF	CITATIONS
19	The Requirement of Artemis in Double-Strand Break Repair Depends on the Type of DNA Damage. <i>DNA and Cell Biology</i> , 2008, 27, 55-61.	1.9	36
20	Cell sorting analysis of cell cycle-dependent X-ray sensitivity in end joining-deficient human cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 372, 662-667.	2.1	1
21	NK314, a Topoisomerase II Inhibitor That Specifically Targets the $\hat{\iota}$ Isoform. <i>Journal of Biological Chemistry</i> , 2008, 283, 23711-23720.	3.4	88
22	Impact of non-homologous end-joining deficiency on random and targeted DNA integration: implications for gene targeting. <i>Nucleic Acids Research</i> , 2008, 36, 6333-6342.	14.5	53
23	Highly Proficient Gene Targeting by Homologous Recombination in the Human Pre-B Cell Line Nalm-6. <i>Methods in Molecular Biology</i> , 2008, 435, 17-29.	0.9	20
24	Overexpression of HAM1 gene detoxifies 5-bromodeoxyuridine in the yeast <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2007, 52, 203-211.	1.7	15
25	Human neutrophils isolated from peripheral blood contain Ku protein but not DNA-dependent protein kinase. <i>International Journal of Biochemistry and Cell Biology</i> , 2003, 35, 86-94.	2.8	7