

Takao Isogai

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,959
citations

687363

13
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

3429
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete sequencing and characterization of 21,243 full-length human cDNAs. <i>Nature Genetics</i> , 2004, 36, 40-45.	21.4	796
2	Diversification of transcriptional modulation: Large-scale identification and characterization of putative alternative promoters of human genes. <i>Genome Research</i> , 2006, 16, 55-65.	5.5	433
3	Salusins: newly identified bioactive peptides with hemodynamic and mitogenic activities. <i>Nature Medicine</i> , 2003, 9, 1166-1172.	30.7	166
4	Prognostic Impact of Tumor Mutation Burden in Patients With Completely Resected Non-Small Cell Lung Cancer: Brief Report. <i>Journal of Thoracic Oncology</i> , 2018, 13, 1217-1221.	1.1	123
5	Structure and Expression of cDNA for D-Amino Acid Oxidase Active against Cephalosporin C from <i>Fusarium solani</i> . <i>Journal of Biochemistry</i> , 1990, 108, 1063-1069.	1.7	73
6	Cloning and nucleotide sequencing of new glutaryl 7-ACA and cephalosporin C acylase genes from <i>Pseudomonas</i> strains. <i>Journal of Bioscience and Bioengineering</i> , 1991, 72, 232-243.	0.9	70
7	Construction of a 7-Aminocephalosporanic Acid (7ACA) Biosynthetic Operon and Direct Production of 7ACA in <i>Acremonium Chrysogenum</i> . <i>Nature Biotechnology</i> , 1991, 9, 188-191.	17.5	47
8	Signal Sequence and Keyword Trap in silico for Selection of Full-Length Human cDNAs Encoding Secretion or Membrane Proteins from Oligo-Capped cDNA Libraries. <i>DNA Research</i> , 2005, 12, 117-126.	3.4	44
9	Tumor mutation burden and immunological, genomic, and clinicopathological factors as biomarkers for checkpoint inhibitor treatment of patients with non-small-cell lung cancer. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 127-134.	4.2	37
10	A novel 7- β -(4-carboxybutanamido)-cephalosporanic acid acylase isolated from <i>Pseudomonas</i> strain C427 and its high-level production in <i>Escherichia coli</i> . <i>Journal of Bioscience and Bioengineering</i> , 1994, 77, 591-597.	0.9	28
11	Differential responses of normal human coronary artery endothelial cells against multiple cytokines comparatively assessed by gene expression profiles. <i>FEBS Letters</i> , 2006, 580, 6871-6879.	2.8	20
12	Clinical relevance of oncogenic driver mutations identified in endometrial carcinoma. <i>Translational Oncology</i> , 2021, 14, 101010.	3.7	19
13	Actinophage R4 as a DNA cloning vector in <i>Streptomyces</i> . <i>Journal of General and Applied Microbiology</i> , 1981, 27, 373-379.	0.7	15
14	Non-pathogenic <i>Escherichia coli</i> acquires virulence by mutating a growth-essential LPS transporter. <i>PLoS Pathogens</i> , 2020, 16, e1008469.	4.7	14
15	Identification and Functional Analyses of 11 769 Full-length Human cDNAs Focused on Alternative Splicing. <i>DNA Research</i> , 2009, 16, 371-383.	3.4	13
16	High-frequency protoplast-transfection of <i>Streptomyces parvulus</i> 2297 with actinophage R4 DNA. <i>Agricultural and Biological Chemistry</i> , 1980, 44, 2425-2428.	0.3	12
17	Identification and clinical significance of somatic oncogenic mutations in epithelial ovarian cancer. <i>Journal of Ovarian Research</i> , 2021, 14, 129.	3.0	8
18	Construction of phage vectors in <i>Streptomyces</i> : Introduction of the thiostreptone resistant (tsr) gene into R4 phage. <i>Agricultural and Biological Chemistry</i> , 1984, 48, 1985-1990.	0.3	7

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19	Transformation of <i>Acremonium chrysogenum</i> and <i>Saccharomyces cerevisiae</i> using an antibiotic resistance marker.. <i>Agricultural and Biological Chemistry</i> , 1987, 51, 2321-2329.	0.3	6
20	Correlation between mutation burden of tumor and immunological/clinical parameters in considering biomarkers of immune checkpoint inhibitors for non-small cell lung cancer (NSCLC).. <i>Journal of Clinical Oncology</i> , 2017, 35, e23184-e23184.	1.6	6
21	Cleavage analysis of actinophage R4 and its deletion mutants.. <i>Agricultural and Biological Chemistry</i> , 1983, 47, 1873-1878.	0.3	5
22	Direct Production of 7-Aminocephalosporanic Acid and 7-Aminodeacetyl-cephalosporanic Acid by Recombinant <i>Acremonium chrysogenum</i> .. <i>Nihon Hosenkin Gakkai Shi = Actinomycetologica</i> , 1991, 5, 102-111.	0.3	5
23	Polyethyleneglycol-induced transformation of <i>Streptomyces</i> protoplasts by chromosomal DNA.. <i>Journal of General and Applied Microbiology</i> , 1981, 27, 431-433.	0.7	4
24	Direct Production of 7-Aminodeacetylcephalosporanic Acid by <i>Acremonium chrysogenum</i> Hum178.. <i>Agricultural and Biological Chemistry</i> , 1991, 55, 2163-2165.	0.3	3
25	Alternative splicing of genes during neuronal differentiation of NT2 pluripotential human embryonal carcinoma cells. <i>FEBS Letters</i> , 2010, 584, 4041-4047.	2.8	3
26	Restriction endonuclease analysis of DNA from <i>Streptomyces</i> phages SPA10, SPA18, SPA38 and SPA48.. <i>Agricultural and Biological Chemistry</i> , 1982, 46, 2961-2965.	0.3	1
27	Protein synthesis in adenovirus E1A transformed cells.. <i>Agricultural and Biological Chemistry</i> , 1986, 50, 819-825.	0.3	1
28	Construction of Phage Vectors in <i>Streptomyces</i> : Introduction of the Thiostreptone Resistant (<i>tsr</i>) Gene into R4 Phage. <i>Agricultural and Biological Chemistry</i> , 1984, 48, 1985-1990.	0.3	0
29	The Latest Information and Perspective of Human Gene and Protein Database (HGPD) as Human Proteome Study. <i>Nature Precedings</i> , 2010, , .	0.1	0
30	Comprehensive genomic analysis with immunological parameters to obtain the biomarkers for immune checkpoint inhibitors (ICIs) in non-small cell lung cancer (NSCLC).. <i>Journal of Clinical Oncology</i> , 2017, 35, 107-107.	1.6	0