

Chew Yee Ngan

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

5,813
citations

117625

34
h-index

114465

63
g-index

71
all docs

71
docs citations

71
times ranked

10412
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergent losses of decay mechanisms and rapid turnover of symbiosis genes in mycorrhizal mutualists. <i>Nature Genetics</i> , 2015, 47, 410-415.	21.4	870
2	CTCF-mediated functional chromatin interactome in pluripotent cells. <i>Nature Genetics</i> , 2011, 43, 630-638.	21.4	567
3	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus <i>Aspergillus</i> . <i>Genome Biology</i> , 2017, 18, 28.	8.8	417
4	Chromatin connectivity maps reveal dynamic promoter-enhancer long-range associations. <i>Nature</i> , 2013, 504, 306-310.	27.8	405
5	Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , 2019, 576, 112-120.	27.8	320
6	Stromal Myofibroblasts Predict Disease Recurrence for Colorectal Cancer. <i>Clinical Cancer Research</i> , 2007, 13, 2082-2090.	7.0	305
7	Genome sequencing of four <i>Aureobasidium pullulans</i> varieties: biotechnological potential, stress tolerance, and description of new species. <i>BMC Genomics</i> , 2014, 15, 549.	2.8	262
8	Multiplex chromatin interactions with single-molecule precision. <i>Nature</i> , 2019, 566, 558-562.	27.8	180
9	Phylogenomic Analyses Indicate that Early Fungi Evolved Digesting Cell Walls of Algal Ancestors of Land Plants. <i>Genome Biology and Evolution</i> , 2015, 7, 1590-1601.	2.5	175
10	Cancer cells survive with survivin. <i>Cancer Science</i> , 2008, 99, 1709-1714.	3.9	150
11	Linking secondary metabolites to gene clusters through genome sequencing of six diverse <i>Aspergillus</i> species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E753-E761.	7.1	126
12	Quantitative evaluation of vimentin expression in tumour stroma of colorectal cancer. <i>British Journal of Cancer</i> , 2007, 96, 986-992.	6.4	123
13	Oncogenic extrachromosomal DNA functions as mobile enhancers to globally amplify chromosomal transcription. <i>Cancer Cell</i> , 2021, 39, 694-707.e7.	16.8	115
14	Single-cell multimodal glioma analyses identify epigenetic regulators of cellular plasticity and environmental stress response. <i>Nature Genetics</i> , 2021, 53, 1456-1468.	21.4	111
15	Marine algae and land plants share conserved phytochrome signaling systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15827-15832.	7.1	108
16	Chromatin interaction analyses elucidate the roles of PRC2-bound silencers in mouse development. <i>Nature Genetics</i> , 2020, 52, 264-272.	21.4	104
17	Strand-Specific RNA-Seq Analyses of Fruiting Body Development in <i>Coprinopsis cinerea</i> . <i>PLoS ONE</i> , 2015, 10, e0141586.	2.5	95
18	Lineage-specific chromatin signatures reveal a regulator of lipid metabolism in microalgae. <i>Nature Plants</i> , 2015, 1, 15107.	9.3	89

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19	Picky comprehensively detects high-resolution structural variants in nanopore long reads. <i>Nature Methods</i> , 2018, 15, 455-460.	19.0	80
20	Impact of library preparation protocols and template quantity on the metagenomic reconstruction of a mock microbial community. <i>BMC Genomics</i> , 2015, 16, 856.	2.8	79
21	A multivariate analysis of adhesion molecules expression in assessment of colorectal cancer. <i>Journal of Surgical Oncology</i> , 2007, 95, 652-662.	1.7	75
22	Aberrant Expression of Connexin 26 Is Associated with Lung Metastasis of Colorectal Cancer. <i>Clinical Cancer Research</i> , 2008, 14, 677-684.	7.0	72
23	Mapping the Global Chromatin Connectivity Network for Sox2 Function in Neural Stem Cell Maintenance. <i>Cell Stem Cell</i> , 2019, 24, 462-476.e6.	11.1	72
24	Overexpression of CDC25A phosphatase is associated with hypergrowth activity and poor prognosis of human hepatocellular carcinomas. <i>Clinical Cancer Research</i> , 2003, 9, 1764-72.	7.0	68
25	Oxaliplatin, a Potent Inhibitor of Survivin, Enhances Paclitaxel-induced Apoptosis and Mitotic Catastrophe in Colon Cancer Cells. <i>Japanese Journal of Clinical Oncology</i> , 2005, 35, 453-463.	1.3	63
26	Expression of PPAR γ in multistage carcinogenesis of the colorectum: implications of malignant cancer morphology. <i>British Journal of Cancer</i> , 2006, 95, 889-895.	6.4	62
27	Integrative epigenomic analysis reveals unique epigenetic signatures involved in unipotency of mouse female germline stem cells. <i>Genome Biology</i> , 2016, 17, 162.	8.8	61
28	Antisense to Cyclin D1 Inhibits Vascular Endothelial Growth Factor–Stimulated Growth of Vascular Endothelial Cells: Implication of Tumor Vascularization. <i>Clinical Cancer Research</i> , 2006, 12, 4720-4729.	7.0	60
29	Comparative Molecular Life History of Spontaneous Canine and Human Gliomas. <i>Cancer Cell</i> , 2020, 37, 243-257.e7.	16.8	59
30	Diversity and population structure of northern switchgrass as revealed through exome capture sequencing. <i>Plant Journal</i> , 2015, 84, 800-815.	5.7	47
31	DNA methylation and gene expression regulation associated with vascularization in <i>Sorghum bicolor</i> . <i>New Phytologist</i> , 2017, 214, 1213-1229.	7.3	47
32	Hepatic expression of ANG2 RNA in metastatic colorectal cancer. <i>Hepatology</i> , 2004, 39, 528-539.	7.3	46
33	Oxaliplatin induces mitotic catastrophe and apoptosis in esophageal cancer cells. <i>Cancer Science</i> , 2007, 99, 071019192917002-???	3.9	46
34	Role of p21waf1/cip1 in effects of oxaliplatin in colorectal cancer cells. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 1585-1594.	4.1	37
35	Overexpression of Tyrosine Kinase B Protein as a Predictor for Distant Metastases and Prognosis in Gastric Carcinoma. <i>Oncology</i> , 2008, 75, 17-26.	1.9	31
36	Sox2 conditional mutation in mouse causes ataxic symptoms, cerebellar vermis hypoplasia, and postnatal defects of Bergmann glia. <i>Glia</i> , 2018, 66, 1929-1946.	4.9	28

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37	Complete genome of <i>Nitrospira briensis</i> C-128, an ammonia-oxidizing bacterium from agricultural soil. <i>Standards in Genomic Sciences</i> , 2016, 11, 46.	1.5	22
38	Ultra-long Read Sequencing for Whole Genomic DNA Analysis. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	20
39	Construction of a novel DNA decoy that inhibits the oncogenic β -catenin/T-cell factor pathway. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 985-994.	4.1	19
40	Expression of <i>Aspergillus niger</i> CAZymes is determined by compositional changes in wheat straw generated by hydrothermal or ionic liquid pretreatments. <i>Biotechnology for Biofuels</i> , 2017, 10, 35.	6.2	18
41	Hypoxia-induced up-regulation of angiopoietin-2 in colorectal cancer. <i>Oncology Reports</i> , 2006, 15, 779-83.	2.6	18
42	Overexpression of connexin 26 in carcinoma of the pancreas. <i>Oncology Reports</i> , 2008, 19, 627-31.	2.6	18
43	Low-Dose Oxaliplatin Enhances the Antitumor Efficacy of Paclitaxel in Human Gastric Cancer Cell Lines. <i>Digestion</i> , 2006, 74, 19-27.	2.3	17
44	Permanent draft genome of <i>Thermithiobacillus tepidarius</i> DSM 3134T, a moderately thermophilic, obligately chemolithoautotrophic member of the Acidithiobacillia. <i>Standards in Genomic Sciences</i> , 2016, 11, 74.	1.5	15
45	CDC25A inhibition suppresses the growth and invasion of human hepatocellular carcinoma cells. <i>International Journal of Molecular Medicine</i> , 2008, 21, 145-52.	4.0	14
46	Reduced subgenomic RNA expression is a molecular indicator of asymptomatic SARS-CoV-2 infection. <i>Communications Medicine</i> , 2021, 1, .	4.2	13
47	Inhibition of angiopoietin 2 attenuates lumen formation of tumour-associated vessels in vivo. <i>International Journal of Oncology</i> , 2013, 43, 1447-1455.	3.3	9
48	Genome Sequence of <i>Porticoccus hydrocarbonoclasticus</i> Strain MCTG13d, an Obligate Polycyclic Aromatic Hydrocarbon-Degrading Bacterium Associated with Marine Eukaryotic Phytoplankton. <i>Genome Announcements</i> , 2015, 3, .	0.8	9
49	Genome Sequence of <i>Arenibacter algicola</i> Strain TG409, a Hydrocarbon-Degrading Bacterium Associated with Marine Eukaryotic Phytoplankton. <i>Genome Announcements</i> , 2016, 4, .	0.8	8
50	High-quality draft genome sequence of the <i>Thermus amyloliquefaciens</i> type strain YIM 77409T with an incomplete denitrification pathway. <i>Standards in Genomic Sciences</i> , 2016, 11, 20.	1.5	7
51	Genome Sequence of <i>Halomonas</i> sp. Strain MCTG39a, a Hydrocarbon-Degrading and Exopolymeric Substance-Producing Bacterium. <i>Genome Announcements</i> , 2015, 3, .	0.8	6
52	High-Quality Draft Genomes from <i>Thermus caliditerrae</i> YIM 77777 and <i>T. Âtengchongensis</i> YIM 77401, Isolates from Tengchong, China. <i>Genome Announcements</i> , 2016, 4, .	0.8	5
53	High-Quality Draft Genome Sequence of <i>Kallotenue papyrolyticum</i> JKG1 T Reveals Broad Heterotrophic Capacity Focused on Carbohydrate and Amino Acid Metabolism. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
54	Genome Sequence of <i>Polycyclovorans algicola</i> Strain TG408, an Obligate Polycyclic Aromatic Hydrocarbon-Degrading Bacterium Associated with Marine Eukaryotic Phytoplankton. <i>Genome Announcements</i> , 2015, 3, .	0.8	4

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55	Succession of physiological stages hallmarks the transcriptomic response of the fungus <i>Aspergillus niger</i> to lignocellulose. <i>Biotechnology for Biofuels</i> , 2020, 13, 69.	6.2	4
56	Complete Genome Sequence of <i>Nitrosomonas cryotolerans</i> ATCC 49181, a Phylogenetically Distinct Ammonia-Oxidizing Bacterium Isolated from Arctic Waters. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
57	Genome Sequence of <i>Oceanicola</i> sp. Strain MCTG156(1a), Isolated from a Scottish Coastal Phytoplankton Net Sample. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
58	Linked-read Sequencing Analysis Reveals Tumor-specific Genome Variation Landscapes in Neurofibromatosis Type 2 (NF2) Patients. <i>Otology and Neurotology</i> , 2019, 40, e150-e159.	1.3	3
59	Application of Long Sequence Reads To Improve Genomes for <i>Clostridium thermocellum</i> AD2, <i>Clostridium thermocellum</i> LQRI, and <i>Pelosinus fermentans</i> R7. <i>Genome Announcements</i> , 2016, 4, .	0.8	2
60	Genome Sequence of <i>Marinobacter</i> sp. Strain MCTG268 Isolated from the Cosmopolitan Marine Diatom <i>Skeletonema costatum</i> . <i>Genome Announcements</i> , 2016, 4, .	0.8	1
61	Near-Complete Genome Sequence of <i>Thalassospira</i> sp. Strain KO164 Isolated from a Lignin-Enriched Marine Sediment Microcosm. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
62	Genome Sequence of <i>Roseovarius</i> sp. Strain MCTG156(2b) Isolated from a Phytoplankton Net Trawl on the Scottish West Coast. <i>Genome Announcements</i> , 2017, 5, .	0.8	1
63	High-Quality Draft Genome Sequence of <i>Thermocrinis jamiesonii</i> GBS1 Isolated from Great Boiling Spring, Nevada. <i>Genome Announcements</i> , 2016, 4, .	0.8	0
64	GENE-57. COMPARATIVE MOLECULAR LIFE HISTORY OF SPONTANEOUS CANINE AND HUMAN GLIOMA. <i>Neuro-Oncology</i> , 2019, 21, vi110-vi110.	1.2	0
65	Bioinformatics Tools for PacBio Sequenced Amplicon Data Pre-processing and Target Sequence Extraction. <i>Lecture Notes in Networks and Systems</i> , 2020, , 326-340.	0.7	0
66	Abstract 2084: Single-cell multimodal glioma analyses reveal epigenetic regulators of cellular plasticity and environmental stress response. , 2021, , .		0