Chew Yee Ngan

List of Publications by Year
in descending order

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	Oncogenic extrachromosomal DNA functions as mobile enhancers to globally amplify chromosomal transcription. Cancer Cell, 2021, 39, 694-707.e7.	16.8	115
2	Abstract 2084: Single-cell multimodal glioma analyses reveal epigenetic regulators of cellular plasticity and environmental stress response. , 2021, , .		0
3	Reduced subgenomic RNA expression is a molecular indicator of asymptomatic SARS-CoV-2 infection. Communications Medicine, 2021, 1, .	4.2	13
4	Single-cell multimodal glioma analyses identify epigenetic regulators of cellular plasticity and environmental stress response. Nature Genetics, 2021, 53, 1456-1468.	21.4	111
5	Bioinformatics Tools for PacBio Sequenced Amplicon Data Pre-processing and Target Sequence Extraction. Lecture Notes in Networks and Systems, 2020, , 326-340.	0.7	0
6	Chromatin interaction analyses elucidate the roles of PRC2-bound silencers in mouse development. Nature Genetics, 2020, 52, 264-272.	21.4	104
7	Comparative Molecular Life History of Spontaneous Canine and Human Gliomas. Cancer Cell, 2020, 37, 243-257.e7.	16.8	59
8	Succession of physiological stages hallmarks the transcriptomic response of theÂfungus Aspergillus niger to lignocellulose. Biotechnology for Biofuels, 2020, 13, 69.	6.2	4
9	Mapping the Global Chromatin Connectivity Network for Sox2 Function in Neural Stem Cell Maintenance. Cell Stem Cell, 2019, 24, 462-476.e6.	11.1	72
10	Ultra-long Read Sequencing for Whole Genomic DNA Analysis. Journal of Visualized Experiments, 2019, , .	0.3	20
11	Multiplex chromatin interactions with single-molecule precision. Nature, 2019, 566, 558-562.	27.8	180
12	GENE-57. COMPARATIVE MOLECULAR LIFE HISTORY OF SPONTANEOUS CANINE AND HUMAN GLIOMA. Neuro-Oncology, 2019, 21, vi110-vi110.	1.2	0
13	Longitudinal molecular trajectories of diffuse glioma in adults. Nature, 2019, 576, 112-120.	27.8	320
14	Linked-read Sequencing Analysis Reveals Tumor-specific Genome Variation Landscapes in Neurofibromatosis Type 2 (NF2) Patients. Otology and Neurotology, 2019, 40, e150-e159.	1.3	3
15	Linking secondary metabolites to gene clusters through genome sequencing of six diverse Aspergillus species. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E753-E761.	7.1	126
16	Picky comprehensively detects high-resolution structural variants in nanopore long reads. Nature Methods, 2018, 15, 455-460.	19.0	80
17	<scp>S</scp>ox2 conditional mutation in mouse causes ataxic symptoms, cerebellar vermis hypoplasia, and postnatal defects of <scp>B</scp>ergmann glia. Glia, 2018, 66, 1929-1946.	4.9	28
18	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus Aspergillus. Genome Biology, 2017, 18, 28.	8.8	417

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19	<scp>DNA</scp> methylation and gene expression regulation associated with vascularization in Sorghum bicolor. New Phytologist, 2017, 214, 1213-1229.	7.3	47
20	Complete Genome Sequence of Nitrosomonas cryotolerans ATCC 49181, a Phylogenetically Distinct Ammonia-Oxidizing Bacterium Isolated from Arctic Waters. Genome Announcements, 2017, 5, .	0.8	3
21	Expression of Aspergillus niger CAZymes is determined by compositional changes in wheat straw generated by hydrothermal or ionic liquid pretreatments. Biotechnology for Biofuels, 2017, 10, 35.	6.2	18
22	Genome Sequence of Roseovarius sp. Strain MCTG156(2b) Isolated from a Phytoplankton Net Trawl on the Scottish West Coast. Genome Announcements, 2017, 5, .	0.8	1
23	Genome Sequence of Oceanicola sp. Strain MCTG156(1a), Isolated from a Scottish Coastal Phytoplankton Net Sample. Genome Announcements, 2017, 5, .	0.8	3
24	Genome Sequence of Arenibacter algicola Strain TG409, a Hydrocarbon-Degrading Bacterium Associated with Marine Eukaryotic Phytoplankton. Genome Announcements, 2016, 4, .	0.8	8
25	High-Quality Draft Genomes from Thermus caliditerrae YIM 77777 and T.Âtengchongensis YIM 77401, Isolates from Tengchong, China. Genome Announcements, 2016, 4, .	0.8	5
26	Application of Long Sequence Reads To Improve Genomes for Clostridium thermocellum AD2, Clostridium thermocellum LQRI, and Pelosinus fermentans R7. Genome Announcements, 2016, 4, .	0.8	2
27	Permanent draft genome of Thermithiobacillus tepidarius DSM 3134T, a moderately thermophilic, obligately chemolithoautotrophic member of the Acidithiobacillia. Standards in Genomic Sciences, 2016, 11, 74.	1.5	15
28	Genome Sequence of Marinobacter sp. Strain MCTG268 Isolated from the Cosmopolitan Marine Diatom Skeletonema costatum. Genome Announcements, 2016, 4, .	0.8	1
29	Complete genome of Nitrosospira briensis C-128, an ammonia-oxidizing bacterium from agricultural soil. Standards in Genomic Sciences, 2016, 11, 46.	1.5	22
30	Integrative epigenomic analysis reveals unique epigenetic signatures involved in unipotency of mouse female germline stem cells. Genome Biology, 2016, 17, 162.	8.8	61
31	Near-Complete Genome Sequence of Thalassospira sp. Strain KO164 Isolated from a Lignin-Enriched Marine Sediment Microcosm. Genome Announcements, 2016, 4, .	0.8	1
32	High-Quality Draft Genome Sequence of Thermocrinis jamiesonii GBS1 ^T Isolated from Great Boiling Spring, Nevada. Genome Announcements, 2016, 4, .	0.8	0
33	High-quality draft genome sequence of the Thermus amyloliquefaciens type strain YIM 77409T with an incomplete denitrification pathway. Standards in Genomic Sciences, 2016, 11, 20.	1.5	7
34	Diversity and population structure of northern switchgrass as revealed through exome capture sequencing. Plant Journal, 2015, 84, 800-815.	5.7	47
35	Lineage-specific chromatin signatures reveal a regulator of lipid metabolism in microalgae. Nature Plants, 2015, 1, 15107.	9.3	89
36	Impact of library preparation protocols and template quantity on the metagenomic reconstruction of a mock microbial community. BMC Genomics, 2015, 16, 856.	2.8	79

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37	High-Quality Draft Genome Sequence of Kallotenue papyrolyticum JKG1 T Reveals Broad Heterotrophic Capacity Focused on Carbohydrate and Amino Acid Metabolism. Genome Announcements, 2015, 3, .	0.8	4
38	Phylogenomic Analyses Indicate that Early Fungi Evolved Digesting Cell Walls of Algal Ancestors of Land Plants. Genome Biology and Evolution, 2015, 7, 1590-1601.	2.5	175
39	Genome Sequence of Polycyclovorans algicola Strain TG408, an Obligate Polycyclic Aromatic Hydrocarbon-Degrading Bacterium Associated with Marine Eukaryotic Phytoplankton. Genome Announcements, 2015, 3, .	0.8	4
40	Genome Sequence of Porticoccus hydrocarbonoclasticus Strain MCTG13d, an Obligate Polycyclic Aromatic Hydrocarbon-Degrading Bacterium Associated with Marine Eukaryotic Phytoplankton. Genome Announcements, 2015, 3, .	0.8	9
41	Genome Sequence of Halomonas sp. Strain MCTG39a, a Hydrocarbon-Degrading and Exopolymeric Substance-Producing Bacterium. Genome Announcements, 2015, 3, .	0.8	6
42	Convergent losses of decay mechanisms and rapid turnover of symbiosis genes in mycorrhizal mutualists. Nature Genetics, 2015, 47, 410-415.	21.4	870
43	Strand-Specific RNA-Seq Analyses of Fruiting Body Development in Coprinopsis cinerea. PLoS ONE, 2015, 10, e0141586.	2.5	95
44	Genome sequencing of four Aureobasidium pullulans varieties: biotechnological potential, stress tolerance, and description of new species. BMC Genomics, 2014, 15, 549.	2.8	262
45	Marine algae and land plants share conserved phytochrome signaling systems. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15827-15832.	7.1	108
46	Chromatin connectivity maps reveal dynamic promoterâ€“enhancer long-range associations. Nature, 2013, 504, 306-310.	27.8	405
47	Inhibition of angiopoietin 2 attenuates lumen formation of tumour-associated vessels in vivo. International Journal of Oncology, 2013, 43, 1447-1455.	3.3	9
48	CTCF-mediated functional chromatin interactome in pluripotent cells. Nature Genetics, 2011, 43, 630-638.	21.4	567
49	Cancer cells survive with survivin. Cancer Science, 2008, 99, 1709-1714.	3.9	150
50	Overexpression of Tyrosine Kinase B Protein as a Predictor for Distant Metastases and Prognosis in Gastric Carcinoma. Oncology, 2008, 75, 17-26.	1.9	31
51	Aberrant Expression of Connexin 26 Is Associated with Lung Metastasis of Colorectal Cancer. Clinical Cancer Research, 2008, 14, 677-684.	7.0	72
52	CDC25A inhibition suppresses the growth and invasion of human hepatocellular carcinoma cells. International Journal of Molecular Medicine, 2008, 21, 145-52.	4.0	14
53	Overexpression of connexin 26 in carcinoma of the pancreas. Oncology Reports, 2008, 19, 627-31.	2.6	18
54	Stromal Myofibroblasts Predict Disease Recurrence for Colorectal Cancer. Clinical Cancer Research, 2007, 13, 2082-2090.	7.0	305

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55	A multivariate analysis of adhesion molecules expression in assessment of colorectal cancer. Journal of Surgical Oncology, 2007, 95, 652-662.	1.7	75
56	Quantitative evaluation of vimentin expression in tumour stroma of colorectal cancer. British Journal of Cancer, 2007, 96, 986-992.	6.4	123
57	Oxaliplatin induces mitotic catastrophe and apoptosis in esophageal cancer cells. Cancer Science, 2007, 99, 071019192917002-???.	3.9	46
58	Expression of PPARÎ´ in multistage carcinogenesis of the colorectum: implications of malignant cancer morphology. British Journal of Cancer, 2006, 95, 889-895.	6.4	62
59	Construction of a novel DNA decoy that inhibits the oncogenic Î²-catenin/T-cell factor pathway. Molecular Cancer Therapeutics, 2006, 5, 985-994.	4.1	19
60	Low-Dose Oxaliplatin Enhances the Antitumor Efficacy of Paclitaxel in Human Gastric Cancer Cell Lines. Digestion, 2006, 74, 19-27.	2.3	17
61	Antisense to Cyclin D1 Inhibits Vascular Endothelial Growth Factorâ€“Stimulated Growth of Vascular Endothelial Cells: Implication of Tumor Vascularization. Clinical Cancer Research, 2006, 12, 4720-4729.	7.0	60
62	Hypoxia-induced up-regulation of angiopoietin-2 in colorectal cancer. Oncology Reports, 2006, 15, 779-83.	2.6	18
63	Oxaliplatin, a Potent Inhibitor of Survivin, Enhances Paclitaxel-induced Apoptosis and Mitotic Catastrophe in Colon Cancer Cells. Japanese Journal of Clinical Oncology, 2005, 35, 453-463.	1.3	63
64	Role of p21waf1/cip1 in effects of oxaliplatin in colorectal cancer cells. Molecular Cancer Therapeutics, 2005, 4, 1585-1594.	4.1	37
65	Hepatic expression ofANG2 RNA in metastatic colorectal cancer. Hepatology, 2004, 39, 528-539.	7.3	46
66	Overexpression of CDC25A phosphatase is associated with hypergrowth activity and poor prognosis of human hepatocellular carcinomas. Clinical Cancer Research, 2003, 9, 1764-72.	7.0	68