

Wang-NGai Chow

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,957
citations

361413
20
h-index

414414
32
g-index

34
all docs

34
docs citations

34
times ranked

4046
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of amphotericin B resistance in susceptible <i>Candida auris</i> by extracellular vesicles. <i>Emerging Microbes and Infections</i> , 2022, 11, 1900-1909.	6.5	12
2	A Sensitive and Specific Competitive Enzyme-Linked Immunosorbent Assay for Serodiagnosis of COVID-19 in Animals. <i>Microorganisms</i> , 2021, 9, 1019.	3.6	3
3	Disentangling sRNA-Seq data to study RNA communication between species. <i>Nucleic Acids Research</i> , 2020, 48, e21-e21.	14.5	8
4	Extracellular vesicles from <i>Heligmosomoides bakeri</i> and <i>Trichuris muris</i> contain distinct microRNA families and small RNAs that could underpin different functions in the host. <i>International Journal for Parasitology</i> , 2020, 50, 719-729.	3.1	16
5	A Rapid, Simple, Inexpensive, and Mobile Colorimetric Assay COVID-19-LAMP for Mass On-Site Screening of COVID-19. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5380.	4.1	85
6	Identification of a Novel Betacoronavirus (Merbecovirus) in Amur Hedgehogs from China. <i>Viruses</i> , 2019, 11, 980.	3.3	42
7	Secretion of an Argonaute protein by a parasitic nematode and the evolution of its siRNA guides. <i>Nucleic Acids Research</i> , 2019, 47, 3594-3606.	14.5	75
8	Comparative analysis of small RNAs released by the filarial nematode <i>Litomosoides sigmodontis</i> in vitro and in vivo. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007811.	3.0	19
9	<i>Daphnia magna</i> microRNAs respond to nutritional stress and ageing but are not transgenerational. <i>Molecular Ecology</i> , 2018, 27, 1402-1412.	3.9	21
10	Immune stimuli shape the small non-coding transcriptome of extracellular vesicles released by dendritic cells. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3857-3875.	5.4	57
11	Novel Partitivirus Enhances Virulence of and Causes Aberrant Gene Expression in <i>Talaromyces marneffei</i> . <i>MBio</i> , 2018, 9, .	4.1	54
12	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1286095.	12.2	561
13	<i>Coronavirus HKU15</i> in respiratory tract of pigs and first discovery of coronavirus quasispecies in 5' untranslated region. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-7.	6.5	29
14	<i>In Vitro</i> Activity of Posaconazole against <i>Talaromyces marneffei</i> by Broth Microdilution and Etest Methods and Comparison to Itraconazole, Voriconazole, and Anidulafungin. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	20
15	Two novel dromedary camel bocaparvoviruses from dromedaries in the Middle East with unique genomic features. <i>Journal of General Virology</i> , 2017, 98, 1349-1359.	2.9	13
16	Metabolomic Profiling of Plasma from Melioidosis Patients Using UHPLC-QTOF MS Reveals Novel Biomarkers for Diagnosis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 307.	4.1	15
17	<i>Elizabethkingia anophelis</i> bacteremia is associated with clinically significant infections and high mortality. <i>Scientific Reports</i> , 2016, 6, 26045.	3.3	146
18	Enterovirus D68 Infections Associated with Severe Respiratory Illness in Elderly Patients and Emergence of a Novel Clade in Hong Kong. <i>Scientific Reports</i> , 2016, 6, 25147.	3.3	44

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19	Matrix-assisted laser desorption ionization time-of-flight mass spectrometry for rapid identification of mold and yeast cultures of <i>Penicillium marneffei</i> . BMC Microbiology, 2016, 16, 36.	3.3	32
20	Metabolomic profiling of <i>Burkholderia pseudomallei</i> using UHPLC-ESI-Q-TOF-MS reveals specific biomarkers including 4-methyl-5-thiazoleethanol and unique thiamine degradation pathway. Cell and Bioscience, 2015, 5, 26.	4.8	12
21	Laboratory diagnosis of melioidosis: Past, present and future. Experimental Biology and Medicine, 2015, 240, 742-751.	2.4	79
22	Identification of specific metabolites in culture supernatant of <i>Mycobacterium tuberculosis</i> using metabolomics: exploration of potential biomarkers. Emerging Microbes and Infections, 2015, 4, 1-10.	6.5	55
23	Severe Acute Respiratory Syndrome (SARS) Coronavirus ORF8 Protein Is Acquired from SARS-Related Coronavirus from Greater Horseshoe Bats through Recombination. Journal of Virology, 2015, 89, 10532-10547.	3.4	172
24	Metabolomic Profiling of Plasma from Patients with Tuberculosis by Use of Untargeted Mass Spectrometry Reveals Novel Biomarkers for Diagnosis. Journal of Clinical Microbiology, 2015, 53, 3750-3759.	3.9	44
25	Signature Gene Expression Reveals Novel Clues to the Molecular Mechanisms of Dimorphic Transition in <i>Penicillium marneffei</i> . PLoS Genetics, 2014, 10, e1004662.	3.5	38
26	Identification of MicroRNA-Like RNAs in Mycelial and Yeast Phases of the Thermal Dimorphic Fungus <i>Penicillium marneffei</i> . PLoS Neglected Tropical Diseases, 2013, 7, e2398.	3.0	121
27	Unraveling the Molecular Basis of Temperature-Dependent Genetic Regulation in <i>Penicillium marneffei</i> . Eukaryotic Cell, 2013, 12, 1214-1224.	3.4	32
28	Draft Genome Sequence of <i>Penicillium marneffei</i> Strain PM1. Eukaryotic Cell, 2011, 10, 1740-1741.	3.4	42
29	Regulation of complement C3 protein expression in human and mouse oviducts. Molecular Reproduction and Development, 2009, 76, 301-308.	2.0	18
30	Complement 3 deficiency impairs early pregnancy in mice. Molecular Reproduction and Development, 2009, 76, 647-655.	2.0	36
31	Endocrine gland-derived vascular endothelial growth factor stimulates proliferation and tube formation in human uterine microvascular endothelial cell through the mitogen-activated protein kinase but not through the Akt pathway. Fertility and Sterility, 2009, 91, 2163-2171.	1.0	10
32	Preimplantation Embryos Cooperate with Oviductal Cells to Produce Embryotrophic Inactivated Complement-3b. Endocrinology, 2008, 149, 1268-1276.	2.8	45