

Wang-Ngai Chow

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,957
citations

361045

20
h-index

414034

32
g-index

34
all docs

34
docs citations

34
times ranked

4046
citing authors

#	ARTICLE	IF	CITATIONS
1	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1286095.	5.5	561
2	Severe Acute Respiratory Syndrome (SARS) Coronavirus ORF8 Protein Is Acquired from SARS-Related Coronavirus from Greater Horseshoe Bats through Recombination. <i>Journal of Virology</i> , 2015, 89, 10532-10547.	1.5	172
3	<i>Elizabethkingia anophelis</i> bacteremia is associated with clinically significant infections and high mortality. <i>Scientific Reports</i> , 2016, 6, 26045.	1.6	146
4	Identification of MicroRNA-Like RNAs in Mycelial and Yeast Phases of the Thermal Dimorphic Fungus <i>Penicillium marneffei</i> . <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2398.	1.3	121
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.	1.8	85
6	Laboratory diagnosis of melioidosis: Past, present and future. <i>Experimental Biology and Medicine</i> , 2015, 240, 742-751.	1.1	79
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.	6.5	75
8	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.	2.4	57
9	Identification of specific metabolites in culture supernatant of <i>Mycobacterium tuberculosis</i> using metabolomics: exploration of potential biomarkers. <i>Emerging Microbes and Infections</i> , 2015, 4, 1-10.	3.0	55
10	Novel Partitivirus Enhances Virulence of and Causes Aberrant Gene Expression in <i>Talaromyces marneffei</i> . <i>MBio</i> , 2018, 9, .	1.8	54
11	Preimplantation Embryos Cooperate with Oviductal Cells to Produce Embryotrophic Inactivated Complement-3b. <i>Endocrinology</i> , 2008, 149, 1268-1276.	1.4	45
12	Metabolomic Profiling of Plasma from Patients with Tuberculosis by Use of Untargeted Mass Spectrometry Reveals Novel Biomarkers for Diagnosis. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3750-3759.	1.8	44
13	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.	1.6	44
14	Draft Genome Sequence of <i>Penicillium marneffei</i> Strain PM1. <i>Eukaryotic Cell</i> , 2011, 10, 1740-1741.	3.4	42
15	Identification of a Novel Betacoronavirus (Merbecovirus) in Amur Hedgehogs from China. <i>Viruses</i> , 2019, 11, 980.	1.5	42
16	Signature Gene Expression Reveals Novel Clues to the Molecular Mechanisms of Dimorphic Transition in <i>Penicillium marneffei</i> . <i>PLoS Genetics</i> , 2014, 10, e1004662.	1.5	38
17	Complement 3 deficiency impairs early pregnancy in mice. <i>Molecular Reproduction and Development</i> , 2009, 76, 647-655.	1.0	36
18	Unraveling the Molecular Basis of Temperature-Dependent Genetic Regulation in <i>Penicillium marneffei</i> . <i>Eukaryotic Cell</i> , 2013, 12, 1214-1224.	3.4	32

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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> . <i>BMC Microbiology</i> , 2016, 16, 36.	1.3	32
20	<i>Coronavirus HKU15</i> in respiratory tract of pigs and first discovery of coronavirus quasispecies in 5â€²-untranslated region. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-7.	3.0	29
21	<i>Daphnia magna</i> micro<scp>RNA</scp>s respond to nutritional stress and ageing but are not transgenerational. <i>Molecular Ecology</i> , 2018, 27, 1402-1412.	2.0	21
22	<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, .	1.4	20
23	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.	1.3	19
24	Regulation of complementâ€³ protein expression in human and mouse oviducts. <i>Molecular Reproduction and Development</i> , 2009, 76, 301-308.	1.0	18
25	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.	1.3	16
26	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.	1.8	15
27	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.	1.3	13
28	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. <i>Cell and Bioscience</i> , 2015, 5, 26.	2.1	12
29	Induction of amphotericin B resistance in susceptible <i>Candida auris</i> by extracellular vesicles. <i>Emerging Microbes and Infections</i> , 2022, 11, 1900-1909.	3.0	12
30	Endocrine glandâ€“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. <i>Fertility and Sterility</i> , 2009, 91, 2163-2171.	0.5	10
31	Disentangling sRNA-Seq data to study RNA communication between species. <i>Nucleic Acids Research</i> , 2020, 48, e21-e21.	6.5	8
32	A Sensitive and Specific Competitive Enzyme-Linked Immunosorbent Assay for Serodiagnosis of COVID-19 in Animals. <i>Microorganisms</i> , 2021, 9, 1019.	1.6	3