Chuan Ku

List of Publications by Year
in descending order

24	1,365	516215 16	610482 24
papers	citations	h-index	g-index

28	28	28	1823
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endosymbiotic theory for organelle origins. Current Opinion in Microbiology, 2014, 22, 38-48.	2.3	333
2	Endosymbiotic origin and differential loss of eukaryotic genes. Nature, 2015, 524, 427-432.	13.7	251
3	Endosymbiotic gene transfer from prokaryotic pangenomes: Inherited chimerism in eukaryotes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10139-10146.	3.3	102
4	A natural barrier to lateral gene transfer from prokaryotes to eukaryotes revealed from genomes: the 70Â% rule. BMC Biology, 2016, 14, 89.	1.7	83
5	Bacterial virulence against an oceanic bloom-forming phytoplankter is mediated by algal DMSP. Science Advances, 2018, 4, eaau5716.	4.7	78
6	Complete Genomes of Two Dipteran-Associated Spiroplasmas Provided Insights into the Origin, Dynamics, and Impacts of Viral Invasion in Spiroplasma. Genome Biology and Evolution, 2013, 5, 1151-1164.	1.1	75
7	A single-cell view on alga-virus interactions reveals sequential transcriptional programs and infection states. Science Advances, 2020, 6, eaba4137.	4.7	55
8	The Complete Plastid Genome Sequence of Madagascar Periwinkle Catharanthus roseus (L.) G. Don: Plastid Genome Evolution, Molecular Marker Identification, and Phylogenetic Implications in Asterids. PLoS ONE, 2013, 8, e68518.	1.1	53
9	Molecular Evolution of the Substrate Utilization Strategies and Putative Virulence Factors in Mosquito-Associated Spiroplasma Species. Genome Biology and Evolution, 2014, 6, 500-509.	1.1	40
10	Complete Plastid Genome Sequence of the Basal Asterid Ardisia polysticta Miq. and Comparative Analyses of Asterid Plastid Genomes. PLoS ONE, 2013, 8, e62548.	1.1	39
11	Comparison of Metabolic Capacities and Inference of Gene Content Evolution in Mosquito-Associated Spiroplasma diminutum and S. taiwanense. Genome Biology and Evolution, 2013, 5, 1512-1523.	1.1	35
12	Late Mitochondrial Origin Is an Artifact. Genome Biology and Evolution, 2017, 9, 373-379.	1.1	34
13	Molecular evolution of the actin-like MreB protein gene family in wall-less bacteria. Biochemical and Biophysical Research Communications, 2014, 446, 927-932.	1.0	32
14	Horizontal transfer of potential mobile units in phytoplasmas. Mobile Genetic Elements, 2013, 3, e26145.	1.8	31
15	Host Range and Coding Potential of Eukaryotic Giant Viruses. Viruses, 2020, 12, 1337.	1.5	25
16	Complete Genome Sequence of Spiroplasma apis B31 T (ATCC 33834), a Bacterium Associated with May Disease of Honeybees (Apis mellifera). Genome Announcements, 2014, 2, .	0.8	23
17	Using single-cell transcriptomics to understand functional states and interactions in microbial eukaryotes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190098.	1.8	20
18	Rampant nuclearâ€“mitochondrialâ€“plastid phylogenomic discordance in globally distributed calcifying microalgae. New Phytologist, 2022, 235, 1394-1408.	3.5	11

#	Article	IF	Citations
19	Phylogenetic and Cophylogenetic Analyses of the Leaf-Nodule Symbiosis inArdisiaSubgenusCrispardisia(Myrsinaceae): Evidence from Nuclear and Chloroplast Markers and BacterialrrnOperons. International Journal of Plant Sciences, 2014, 175, 92-109.	0.6	10
20	Plastid origin: who, when and why?. Acta Societatis Botanicorum Poloniae, 2014, 83, 281-289.	0.8	10
21	Did giant and large dsDNA viruses originate before their eukaryotic hosts?. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2747-2748.	3.3	6
22	Complete Genome Sequence of Sulfitobacter sp. Strain D7, a Virulent Bacterium Isolated from an Emiliania huxleyi Algal Bloom in the North Atlantic. Microbiology Resource Announcements, 2018, 7, .	0.3	5
23	Unraveling Gene Content Variation Across Eukaryotic Giant Viruses Based on Network Analyses and Host Associations. Virus Evolution, 2021, 7, veab081.	2.2	5
24	Giant Virus-Eukaryote Interactions as Ecological and Evolutionary Driving Forces. MSystems, 2021, 6, e0073721.	1.7	2