Hongan Long

List of Publications by Year
in descending order

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35 papers	1,765 citations	471509 17 h-index	361022 35 g-index
36 all docs	36 docs citations	36 times ranked	2081 citing authors

#	Article	IF	Citations
1	Rates of Mutations and Transcript Errors in the Foodborne PathogenSalmonella entericasubsp.enterica. Molecular Biology and Evolution, 2022, 39, .	8.9	9
2	The insect-killing bacterium Photorhabdus luminescens has the lowest mutation rate among bacteria. Marine Life Science and Technology, 2021, 3, 20-27.	4.6	10
3	Biodiversity-based development and evolution: the emerging research systems in model and non-model organisms. Science China Life Sciences, 2021, 64, 1236-1280.	4.9	60
4	Unexpected Discovery of Hypermutator Phenotype Sounds the Alarm for Quality Control Strains. Genome Biology and Evolution, 2021, 13, .	2.5	2
5	Variable Spontaneous Mutation and Loss of Heterozygosity among Heterozygous Genomes in Yeast. Molecular Biology and Evolution, 2020, 37, 3118-3130.	8.9	17
6	Cost-reduction strategies in massive genomics experiments. Marine Life Science and Technology, 2019, 1, 15-21.	4.6	20
7	Evolutionary determinants of genome-wide nucleotide composition. Nature Ecology and Evolution, 2018, 2, 237-240.	7.8	126
8	Limited Mutation-Rate Variation Within the Paramecium aurelia Species Complex. G3: Genes, Genomes, Genetics, 2018, 8, 2523-2526.	1.8	21
9	Specificity of the DNA Mismatch Repair System (MMR) and Mutagenesis Bias in Bacteria. Molecular Biology and Evolution, 2018, 35, 2414-2421.	8.9	42
10	Genome-Wide Mutation Rate Response to pH Change in the Coral Reef Pathogen Vibrio shilonii AK1. MBio, 2017, 8, .	4.1	21
11	The Glyphosate-Based Herbicide Roundup Does Not Elevate Genome-Wide Mutagenesis ofEscherichia coli. G3: Genes, Genomes, Genetics, 2017, 7, 3331-3335.	1.8	14
12	Similar Mutation Rates but Highly Diverse Mutation Spectra in Ascomycete and Basidiomycete Yeasts. Genome Biology and Evolution, 2016, 8, 3815-3821.	2.5	40
13	The Rate and Spectrum of Spontaneous Mutations in Mycobacterium smegmatis, a Bacterium Naturally Devoid of the Postreplicative Mismatch Repair Pathway. G3: Genes, Genomes, Genetics, 2016, 6, 2157-2163.	1.8	48
14	Low Base-Substitution Mutation Rate in the Germline Genome of the CiliateTetrahymena thermophil. Genome Biology and Evolution, 2016, 8, evw223.	2.5	38
15	Antibiotic treatment enhances the genome-wide mutation rate of target cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2498-505.	7.1	172
16	Genetic drift, selection and the evolution of the mutation rate. Nature Reviews Genetics, 2016, 17, 704-714.	16.3	648
17	Mutational Robustness of Morphological Traits in the Ciliate Tetrahymena thermophila. Journal of Eukaryotic Microbiology, 2015, 62, 249-254.	1.7	1
18	Mutation Rate, Spectrum, Topology, and Context-Dependency in the DNA Mismatch Repair-Deficient Pseudomonas fluorescens ATCC948. Genome Biology and Evolution, 2015, 7, 262-271.	2.5	62

#	Article	IF	Citations
19	Ciliates â€" Protists with complex morphologies and ambiguous early fossil record. Marine Micropaleontology, 2015, 119, 1-6.	1.2	17
20	Background Mutational Features of the Radiation-Resistant BacteriumDeinococcus radiodurans. Molecular Biology and Evolution, 2015, 32, 2383-2392.	8.9	58
21	The Spontaneous Mutation Rate in the Fission Yeast Schizosaccharomyces pombe. Genetics, 2015, 201, 737-744.	2.9	127
22	A Male-Specific Genetic Map of the MicrocrustaceanDaphnia pulexBased on Single-Sperm Whole-Genome Sequencing. Genetics, 2015, 201, 31-38.	2.9	52
23	Accumulation of Spontaneous Mutations in the Ciliate Tetrahymena thermophila. Genetics, 2013, 195, 527-540.	2.9	22
24	Diverse modes of reproduction in the marine free-living ciliate Glauconema trihymene. BMC Microbiology, 2010, 10, 108.	3.3	10
25	Morphological studies on two marine colepid ciliates from Qingdao, China, Nolandia orientalis spec. nov. and Pinacocoleps similis (Kahl, 1933) comb. nov. (Ciliophora, Colepidae). European Journal of Protistology, 2010, 46, 254-262.	1.5	13
26	Three marine haptorid ciliates from northern China:Paraspathidium apofuscumn. sp.,Trachelotractus entzi(Kahl, 1927) Foissner, 1997 andApotrachelotractus variabilisLong, Song and Warren, 2009 (Protozoa, Ciliophora). Journal of Natural History, 2009, 43, 1749-1761.	0.5	6
27	Two New Ciliates from Hong Kong Coastal Water: Orthodonella sinica n. sp. and Apokeronopsis wrighti n. sp. (Protozoa: Ciliophora). Journal of Eukaryotic Microbiology, 2008, 55, 321-330.	1.7	7
28	Morphology and Small Subunit rDNA Gene Sequence ofPseudoamphisiella quadrinucleatan. sp. (Ciliophora, Urostylida) from the South China Sea. Journal of Eukaryotic Microbiology, 2008, 55, 510-514.	1.7	8
29	Morphological studies indicate that Pleuronema grolierei nov. spec. and P. coronatum Kent, 1881 represent different sections of the genus Pleuronema (Ciliophora: Scuticociliatida). European Journal of Protistology, 2008, 44, 131-140.	1.5	24
30	Taxonomic studies on three marine species of Frontonia from northern China: F. didieri n. sp., F. multinucleata n. sp. and F. tchibisovae Burkovsky, 1970 (Ciliophora: Peniculida). Zootaxa, 2008, 1687, 35.	0.5	15
31	Redescriptions of Two Marine Hypotrichous Ciliates, Diophrys irmgard and D. hystrix (Ciliophora,) Tj ETQq1 1 0.784314 rgBT /Overloc 283-296.	1.7	23
32	Morphological redescription of two endocommensal ciliates, Entorhipidium fukuii Uyemura, 1934 and Madsenia indomita (Madsen, 1931) Kahl, 1934 from digestive tracts of sea urchins of the Yellow Sea, China (Ciliophora; Scuticociliatida). European Journal of Protistology, 2007, 43, 101-114.	1.5	6
33	First record and redefinition of the Qingdao population of marine ciliate Cardiostomatella vermiformis (Kahl, 1928) Corliss, 1960 (Protozoa, Ciliophora). Journal of Ocean University of China, 2007, 6, 387-392.	1.2	2
34	Studies on an endoparasitic ciliate Boveria labialis (Protozoa: Ciliophora) from the sea cucumber, Apostichopus japonicus. Journal of the Marine Biological Association of the United Kingdom, 2006, 86, 823-828.	0.8	9
35	Frontonia lynni n. sp., a new marine ciliate (Protozoa, Ciliophora, Hymenostomatida) from Qingdao, China. Zootaxa, 2005, 1003, 57â€"64.	0.5	13