R Ellen R Nisbet

List of Publications by Year
in descending order

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Version: 2024-02-01

41 papers	1,252 citations	430874 18 h-index	377865 34 g-index
47 all docs	47 docs citations	47 times ranked	1473 citing authors

#	Article	IF	Citations
1	Evolution of the chloroplast genome. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 99-107.	4.0	137
2	The remarkable chloroplast genome of dinoflagellates. Journal of Experimental Botany, 2008, 59, 1035-1045.	4.8	114
3	The age of Rubisco: the evolution of oxygenic photosynthesis. Geobiology, 2007, 5, 311-335.	2.4	111
4	Genetic tool development in marine protists: emerging model organisms for experimental cell biology. Nature Methods, 2020, 17, 481-494.	19.0	97
5	Dinoflagellates: a mitochondrial genome all at sea. Trends in Genetics, 2008, 24, 328-335.	6.7	76
6	Dinoflagellate chloroplasts â€“ where have all the genes gone?. Trends in Genetics, 2004, 20, 261-267.	6.7	64
7	Organization of the Mitochondrial Genome in the Dinoflagellate Amphidinium carterae. Molecular Biology and Evolution, 2007, 24, 1528-1536.	8.9	56
8	Organisation and expression of the plastid genome of the dinoflagellate Amphidinium operculatum. Molecular Genetics and Genomics, 2001, 266, 632-638.	2.1	52
9	The cosmopolitan maternal heritage of the Thoroughbred racehorse breed shows a significant contribution from British and Irish native mares. Biology Letters, 2011, 7, 316-320.	2.3	47
10	Evolution of the TSC1/TSC2-TOR Signaling Pathway. Science Signaling, 2010, 3, ra49.	3.6	43
11	How many clones need to be sequenced from a single forensic or ancient DNA sample in order to determine a reliable consensus sequence?. Nucleic Acids Research, 2005, 33, 2549-2556.	14.5	40
12	An Analysis of Dinoflagellate Metabolism Using EST Data. Protist, 2013, 164, 218-236.	1.5	36
13	Novel plastid gene minicircles in the dinoflagellate Amphidinium operculatum. Gene, 2004, 331, 141-147.	2.2	35
14	Methane, oxygen, photosynthesis, rubisco and the regulation of the air through time. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 2745-2754.	4.0	30
15	Diatom Genomics: Genetic Acquisitions and Mergers. Current Biology, 2004, 14, R1048-R1050.	3.9	27
16	Transcript Analysis of Dinoflagellate Plastid Gene Minicircles. Protist, 2008, 159, 31-39.	1.5	24
17	Polyuridylylation and processing of transcripts from multiple gene minicircles in chloroplasts of the dinoflagellate Amphidinium carterae. Plant Molecular Biology, 2012, 79, 347-357.	3.9	23
18	Genetic transformation of the dinoflagellate chloroplast. ELife, 2019, 8, .	6.0	22

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19	Introduction. Photosynthetic and atmospheric evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 2625-2628.	4.0	21
20	Cryptic organelle homology in apicomplexan parasites: insights from evolutionary cell biology. Current Opinion in Microbiology, 2013, 16, 424-431.	5.1	20
21	Evolution of Chloroplast Transcript Processing in Plasmodium and Its Chromerid Algal Relatives. PLoS Genetics, 2014, 10, e1004008.	3.5	18
22	Transcript-level responses of Plasmodium falciparum to thiostrepton. Molecular and Biochemical Parasitology, 2011, 179, 37-41.	1.1	17
23	Breaking up is hard to do: the complexity of the dinoflagellate chloroplast genome. Perspectives in Phycology, 2019, 6, 31-37.	1.9	16
24	Transcripts in the Plasmodium Apicoplast Undergo Cleavage at tRNAs and Editing, and Include Antisense Sequences. Protist, 2016, 167, 377-388.	1.5	14
25	Conservation of Structural and Functional Elements of TSC1 and TSC2: A Bioinformatic Comparison Across Animal Models. Behavior Genetics, 2011, 41, 349-356.	2.1	13
26	Progressive and Biased Divergent Evolution Underpins the Origin and Diversification of Peridinin Dinoflagellate Plastids. Molecular Biology and Evolution, 2016, 34, msw235.	8.9	13
27	Transcription of the apicoplast genome. Molecular and Biochemical Parasitology, 2016, 210, 5-9.	1.1	12
28	The regulation of the air: a hypothesis. Solid Earth, 2012, 3, 87-96.	2.8	10
29	Tackling protozoan parasites of cattle in sub-Saharan Africa. PLoS Pathogens, 2021, 17, e1009955.	4.7	9
30	Thoroughbred racehorse mitochondrial <scp>DNA</scp> demonstrates closer than expected links between maternal genetic history and pedigree records. Journal of Animal Breeding and Genetics, 2013, 130, 227-235.	2.0	8
31	Evolution: Unveiling Early Alveolates. Current Biology, 2013, 23, R1093-R1096.	3.9	8
32	TRUTH IN THE BONES: RESOLVING THE IDENTITY OF THE FOUNDING ELITE THOROUGHBRED RACEHORSES. Archaeometry, 2012, 54, 916-925.	1.3	7
33	Integrated Genomic and Transcriptomic Analysis of the Peridinin Dinoflagellate Amphidinium carterae Plastid. Protist, 2019, 170, 358-373.	1.5	7
34	The Evolution of the Cytochrome c6 Family of Photosynthetic Electron Transfer Proteins. Genome Biology and Evolution, 2021, 13, .	2.5	6
35	Transcript Level Responses of Plasmodium falciparum to Antimycin A. Protist, 2012, 163, 755-766.	1.5	5
36	An essential pentatricopeptide repeat protein in the apicomplexan remnant chloroplast. Cellular Microbiology, 2019, 21, e13108.	2.1	4

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37	Identification of Sequences EncodingSymbiodinium minutumMitochondrial Proteins. Genome Biology and Evolution, 2016, 8, 439-445.	2.5	3
38	Biosafety risk in health lab move to central London. Nature, 2007, 449, 658-658.	27.8	2
39	Viewing Animal Models for Tuberous Sclerosis Complex in the Light of Evolution. Neuromethods, 2015, , 99-115.	0.3	1
40	Hello biology. Physics World, 1998, 11, 17-18.	0.0	0
41	In silico identification of Theileria parva surface proteins. Cell Surface, 2022, 8, 100078.	3.0	0