Suzanne Estes

List of Publications by Year in descending order

32 papers	1,323 citations	516710 16 h-index	434195 31 g-index
32 all docs	32 docs citations	32 times ranked	1487 citing authors

#	Article	IF	Citations
1	Mitonuclear Mismatch is Associated With Increased Male Frequency, Outcrossing, and Male Sperm Size in Experimentally-Evolved C. elegans. Frontiers in Genetics, 2022, 13, 742272.	2.3	4
2	A Caenorhabditis elegans behavioral assay distinguishes early stage prostate cancer patient urine from controls. Biology Open, 2021, 10, .	1.2	11
3	Mitochondrial DNA Variation and Selfish Propagation Following Experimental Bottlenecking in Two Distantly Related Caenorhabditis briggsae Isolates. Genes, 2020, 11, 77.	2.4	5
4	Beyond the Powerhouse: Integrating Mitonuclear Evolution, Physiology, and Theory in Comparative Biology. Integrative and Comparative Biology, 2019, 59, 856-863.	2.0	17
5	Complex Transmission Patterns and Age-Related Dynamics of a Selfish mtDNA Deletion. Integrative and Comparative Biology, 2019, 59, 983-993.	2.0	4
6	Sex and Mitonuclear Adaptation in Experimental Caenorhabditis elegans Populations. Genetics, 2019, 211, 1045-1058.	2.9	18
7	Constitutive MAP-kinase activation suppresses germline apoptosis in NTH-1 DNA glycosylase deficient C. elegans. DNA Repair, 2018, 61, 46-55.	2.8	10
8	Experimental Evolution with Caenorhabditis Nematodes. Genetics, 2017, 206, 691-716.	2.9	94
9	Adaptive Evolution under Extreme Genetic Drift in Oxidatively Stressed Caenorhabditis elegans. Genome Biology and Evolution, 2017, 9, 3008-3022.	2.5	10
10	Paths of Heritable Mitochondrial DNA Mutation and Heteroplasmy in Reference and gas-1 Strains of Caenorhabditis elegans. Frontiers in Genetics, 2016, 7, 51.	2.3	16
11	Paternal Mitochondrial Transmission in Intra-SpeciesCaenorhabditis briggsaeHybrids: Table 1. Molecular Biology and Evolution, 2016, 33, 3158-3160.	8.9	15
12	Selfish Mitochondrial DNA Proliferates and Diversifies in Small, but not Large, Experimental Populations ofCaenorhabditis briggsae. Genome Biology and Evolution, 2015, 7, 2023-2037.	2.5	30
13	Endogenous ROS levels in C. elegans under exogenous stress support revision of oxidative stress theory of life-history tradeoffs. BMC Evolutionary Biology, 2014, 14, 161.	3.2	23
14	Natural variation in Caenorhabditis briggsae mitochondrial form and function suggests a novel model of organelle dynamics. Mitochondrion, 2013, 13, 44-51.	3.4	9
15	Evolution of a Higher Intracellular Oxidizing Environment in Caenorhabditis elegans under Relaxed Selection. PLoS ONE, 2013, 8, e65604.	2.5	7
16	Selfish Little Circles: Transmission Bias and Evolution of Large Deletion-Bearing Mitochondrial DNA in Caenorhabditis briggsae Nematodes. PLoS ONE, 2012, 7, e41433.	2.5	51
17	In Vivo Quantification Reveals Extensive Natural Variation in Mitochondrial Form and Function in Caenorhabditis briggsae. PLoS ONE, 2012, 7, e43837.	2.5	31
18	FITNESS RECOVERY AND COMPENSATORY EVOLUTION IN NATURAL MUTANT LINES OF C. ELEGANS. Evolution; International Journal of Organic Evolution, 2011, 65, 2335-2344.	2.3	40

#	Article	IF	Citations
19	Natural variation in life history and aging phenotypes is associated with mitochondrial DNA deletion frequency in Caenorhabditis briggsae. BMC Evolutionary Biology, 2011, 11, 11.	3.2	33
20	Selective sweeps and parallel mutation in the adaptive recovery from deleterious mutation in Caenorhabditis elegans. Genome Research, 2010, 20, 1663-1671.	5.5	34
21	The Experimental Study of Reverse Evolution. , 2009, , 134-171.		1
22	Resolving the Paradox of Stasis: Models with Stabilizing Selection Explain Evolutionary Divergence on All Timescales. American Naturalist, 2007, 169, 227-244.	2.1	389
23	VARIATION IN PLEIOTROPY AND THE MUTATIONAL UNDERPINNINGS OF THE G-MATRIX. Evolution; International Journal of Organic Evolution, 2006, 60, 2655-2660.	2.3	21
24	VARIATION IN PLEIOTROPY AND THE MUTATIONAL UNDERPINNINGS OF THE G-MATRIX. Evolution; International Journal of Organic Evolution, 2006, 60, 2655.	2.3	7
25	Variation in pleiotropy and the mutational underpinnings of the G-matrix. Evolution; International Journal of Organic Evolution, 2006, 60, 2655-60.	2.3	8
26	Spontaneous Mutational Correlations for Life-History, Morphological and Behavioral Characters in Caenorhabditis elegans. Genetics, 2005, 170, 645-653.	2.9	92
27	Mutation Rates, Spectra and Hotspots in Mismatch Repair-Deficient Caenorhabditis elegansSequence data from this article have been deposited with the EMBL/GenBank Data Libraries under accession nos. AY863110, AY863111, AY863112, AY863113, AY863114, AY863115, AY863116, AY863117, AY863118, AY863119, AY863120, AY863121, AY863122, AY863123, AY863124, AY863125, AY863126, AY863127, AY863128, AY863129, AY863130, AY863131, AY863132, AY863133, AY863134, AY863135, AY863136, AY863137, AY863138, AY863139, AY863140, AY86. Genetics, 2005, 170, 107-113.	2.9	45
28	Behavioral Degradation Under Mutation Accumulation in Caenorhabditis elegans. Genetics, 2005, 170, 655-660.	2.9	38
29	Mutation Accumulation in Populations of Varying Size: The Distribution of Mutational Effects for Fitness Correlates in Caenorhabditis elegans. Genetics, 2004, 166, 1269-1279.	2.9	100
30	Abundance, Distribution, and Mutation Rates of Homopolymeric Nucleotide Runs in the Genome of Caenorhabditis elegans. Journal of Molecular Evolution, 2004, 58, 584-595.	1.8	63
31	RAPID FITNESS RECOVERY IN MUTATIONALLY DEGRADED LINES OF CAENORHABDITIS ELEGANS. Evolution; International Journal of Organic Evolution, 2003, 57, 1022-1030.	2.3	79
32	RAPID FITNESS RECOVERY IN MUTATIONALLY DEGRADED LINES OF CAENORHABDITIS ELEGANS. Evolution; International Journal of Organic Evolution, 2003, 57, 1022.	2.3	18