

Teresa J Crease

List of Publications by Year in descending order

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67
papers

4,910
citations

126708

33
h-index

102304

66
g-index

68
all docs

68
docs citations

68
times ranked

5351
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ecoresponsive Genome of <i>Daphnia pulex</i> . <i>Science</i> , 2011, 331, 555-561.	6.0	1,086
2	The correlation between rDNA copy number and genome size in eukaryotes. <i>Genome</i> , 2003, 46, 48-50.	0.9	401
3	Phylogenetic relationships between parthenogens and their sexual relatives: the possible routes to parthenogenesis in animals. <i>Biological Journal of the Linnean Society</i> , 2003, 79, 151-163.	0.7	369
4	Clonal Coexistence in <i>Daphnia pulex</i> (Leydig): Another Planktonic Paradox. <i>Science</i> , 1980, 207, 1363-1365.	6.0	237
5	Development of primers for the mitochondrial cytochrome <i>c</i> oxidase I gene in digenetic trematodes (Platyhelminthes) illustrates the challenge of barcoding parasitic helminths. <i>Molecular Ecology Resources</i> , 2009, 9, 75-82.	2.2	210
6	The complete sequence of the mitochondrial genome of <i>Daphnia pulex</i> (Cladocera: Crustacea). <i>Gene</i> , 1999, 233, 89-99.	1.0	193
7	Identification of two QTL influencing upper temperature tolerance in three rainbow trout (<i>Oncorhynchus mykiss</i>) half-sib families. <i>Heredity</i> , 1998, 80, 143-151.	1.2	160
8	The Functional Significance of Ribosomal (r)DNA Variation: Impacts on the Evolutionary Ecology of Organisms. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2005, 36, 219-242.	3.8	137
9	Clonal diversity in populations of <i>Daphnia pulex</i> reproducing by obligate parthenogenesis. <i>Heredity</i> , 1983, 51, 353-369.	1.2	121
10	Divergence thresholds and divergent biodiversity estimates: can metabarcoding reliably describe zooplankton communities?. <i>Ecology and Evolution</i> , 2015, 5, 2234-2251.	0.8	117
11	Phylogenetics and evolution of a circumarctic species complex (Cladocera: <i>Daphnia pulex</i>). <i>Biological Journal of the Linnean Society</i> , 1998, 65, 347-365.	0.7	111
12	Biogeography and systematics of <i>Bangia</i> (Bangiales, Rhodophyta) based on the Rubisco spacer, <i>rbcl</i> gene and 18S rRNA gene sequences and morphometric analyses. 1. North America. <i>Phycologia</i> , 1998, 37, 195-207.	0.6	92
13	Functional and ecological significance of rDNA intergenic spacer variation in a clonal organism under divergent selection for production rate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2373-2379.	1.2	86
14	Mitochondrial DNA variation in North American populations of <i>Daphnia obtusa</i> : continentalism or cryptic endemism?. <i>Molecular Ecology</i> , 2004, 13, 97-107.	2.0	79
15	Holarctic phylogeography of an asexual species complex " II. Allozymic variation and clonal structure in Arctic <i>Daphnia</i> . <i>Molecular Ecology</i> , 1999, 8, 1-13.	2.0	77
16	Probing the relationships of the branchiopod crustaceans. <i>Molecular Phylogenetics and Evolution</i> , 2006, 39, 491-502.	1.2	75
17	THE DISTRIBUTION OF LIFE-HISTORY VARIATION IN THE <i>DAPHNIA PULEX</i> COMPLEX. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 1724-1736.	1.1	71
18	POLYPHYLETIC ORIGINS OF ASEQUALITY IN <i>DAPHNIA PULEX</i> . II. MITOCHONDRIAL-DNA VARIATION. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 1016-1026.	1.1	70

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19	Transcontinental Phylogeography of the <i>Daphnia pulex</i> Species Complex. <i>PLoS ONE</i> , 2012, 7, e46620.	1.1	69
20	A Hierarchical Molecular Phylogeny within the Genus <i>Daphnia</i> . <i>Molecular Phylogenetics and Evolution</i> , 1995, 4, 395-407.	1.2	68
21	HOLARCTIC PHYLOGEOGRAPHY OF AN ASEYUAL SPECIES COMPLEX I. MITOCHONDRIAL DNA VARIATION IN ARCTIC <i>DAPHNIA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 777-792.	1.1	66
22	Speciation with gene flow and the genetics of habitat transitions. <i>Molecular Ecology</i> , 2012, 21, 1411-1422.	2.0	61
23	Allozyme and mtDNA variation in populations of the <i>Daphnia pulex</i> complex from both sides of the Rocky Mountains. <i>Heredity</i> , 1997, 79, 242-251.	1.2	53
24	The Unusually Long Small-Subunit Ribosomal RNA of the Crustacean, <i>Daphnia pulex</i> : Sequence and Predicted Secondary Structure. <i>Journal of Molecular Evolution</i> , 1998, 46, 307-313.	0.8	52
25	Phylogenetic evidence for a single long-lived clade of crustacean cyclic parthenogens and its implications for the evolution of sex. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 791-797.	1.2	51
26	Molecular Evolution of <i>Daphnia</i> Immunity Genes: Polymorphism in a Gram-Negative Binding Protein Gene and an α -2-Macroglobulin Gene. <i>Journal of Molecular Evolution</i> , 2004, 59, 498-506.	0.8	45
27	Molecular characterization of clonal population structure and biogeography of arctic apomictic <i>Daphnia</i> from Greenland and Iceland. <i>Molecular Ecology</i> , 1996, 5, 107-118.	2.0	40
28	Pokey, a New DNA Transposon in <i>Daphnia</i> (Cladocera: Crustacea). <i>Journal of Molecular Evolution</i> , 2002, 55, 664-673.	0.8	40
29	D- and L-lactate dehydrogenases during invertebrate evolution. <i>BMC Evolutionary Biology</i> , 2008, 8, 268.	3.2	40
30	THE MOLECULAR THROUGH ECOLOGICAL GENETICS OF ABNORMAL ABDOMEN IN <i>DROSOPHILA MERCATORUM</i> . I. BASIC GENETICS. <i>Genetics</i> , 1985, 111, 805-818.	1.2	40
31	Polyphyletic Origins of Asexuality in <i>Daphnia pulex</i> . II. Mitochondrial-DNA Variation. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 1016.	1.1	37
32	Holarctic Phylogeography of an Asexual Species Complex I. Mitochondrial DNA Variation in Arctic <i>Daphnia</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 777.	1.1	35
33	Rates of Recombination in the Ribosomal DNA of Apomictically Propagated <i>Daphnia obtusa</i> Lines. <i>Genetics</i> , 2007, 175, 311-320.	1.2	35
34	Mitochondrial DNA diversity in the pea aphid <i>Acyrtosiphon pisum</i> . <i>Genome</i> , 1994, 37, 858-865.	0.9	34
35	Partial mitochondrial DNA sequence of the crustacean <i>Daphnia pulex</i> . <i>Current Genetics</i> , 1994, 25, 66-72.	0.8	32
36	Evolution of the Transposable Element Pokey in the Ribosomal DNA of Species in the Subgenus <i>Daphnia</i> (Crustacea: Cladocera). <i>Molecular Biology and Evolution</i> , 2004, 21, 1727-1739.	3.5	32

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37	The Behavior of a <i>Daphnia pulex</i> Transposable Element in Cyclically and Obligately Parthenogenetic Populations. <i>Journal of Molecular Evolution</i> , 2001, 53, 63-69.	0.8	27
38	The Association Between Breeding System and Transposable Element Dynamics in <i>Daphnia Pulex</i> . <i>Journal of Molecular Evolution</i> , 2008, 66, 643-654.	0.8	27
39	Copy number variation of ribosomal DNA and Pokey transposons in natural populations of <i>Daphnia</i> . <i>Mobile DNA</i> , 2012, 3, 4.	1.3	26
40	Identification of two QTL influencing upper temperature tolerance in three rainbow trout (<i>Oncorhynchus mykiss</i>) half-sib families. <i>Heredity</i> , 1998, 80, 143-151.	1.2	25
41	Sequence of the intergenic spacer between the 28S and 18S rRNA-encoding genes of the crustacean, <i>Daphnia pulex</i> . <i>Gene</i> , 1993, 134, 245-249.	1.0	24
42	Variation in transcriptional responses to copper exposure across <i>Daphnia pulex</i> lineages. <i>Aquatic Toxicology</i> , 2019, 210, 85-97.	1.9	23
43	Evolution of the nuclear ribosomal DNA intergenic spacer in four species of the <i>Daphnia pulex</i> complex. <i>BMC Genetics</i> , 2011, 12, 13.	2.7	22
44	Evolutionary factors affecting Lactate dehydrogenase A and B variation in the <i>Daphnia pulex</i> species complex. <i>BMC Evolutionary Biology</i> , 2011, 11, 212.	3.2	20
45	A test for the production of sexual pheromones by <i>Daphnia magna</i> (Crustacea: Cladocera). <i>Freshwater Biology</i> , 1983, 13, 491-496.	1.2	18
46	Heterosis in <i>Daphnia</i> : A Reassessment. <i>American Naturalist</i> , 1982, 119, 427-434.	1.0	17
47	Selection on the Structural Stability of a Ribosomal RNA Expansion Segment in <i>Daphnia obtusa</i> . <i>Molecular Biology and Evolution</i> , 2005, 22, 1309-1319.	3.5	16
48	Impact of ploidy level on the distribution of Pokey element insertions in the <i>Daphnia pulex</i> complex. <i>Mobile DNA</i> , 2014, 5, 1.	1.3	16
49	Alternative splicing is highly variable among <i>Daphnia pulex</i> lineages in response to acute copper exposure. <i>BMC Genomics</i> , 2020, 21, 433.	1.2	15
50	The Distribution of Life-History Variation in the <i>Daphnia pulex</i> Complex. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 1724.	1.1	13
51	In and out of the rRNA genes: characterization of Pokey elements in the sequenced <i>Daphnia</i> genome. <i>Mobile DNA</i> , 2013, 4, 20.	1.3	13
52	Genetic changes within an aphid clone: homogenization of rDNA intergenic spacers after insecticide selection. <i>Biological Journal of the Linnean Society</i> , 2003, 79, 101-105.	0.7	11
53	The effect of transposon<i>Pokey</i> insertions on sequence variation in the 28S rRNA gene of<i>Daphnia pulex</i>. <i>Genome</i> , 2008, 51, 988-1000.	0.9	11
54	Allozyme and mtDNA variation in populations of the <i>Daphnia pulex</i> complex from both sides of the Rocky Mountains. , 0, .		10

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55	Copy Number of the Transposon, Pokey, in rDNA Is Positively Correlated with rDNA Copy Number in <i>Daphnia obtusa</i> . PLoS ONE, 2014, 9, e114773.	1.1	8
56	Cloning and characterization of <i>Daphnia</i> mitochondrial DNA. Journal of Molecular Evolution, 1991, 33, 152-155.	0.8	7
57	Evolution of a transposon in <i>Daphnia</i> hybrid genomes. Mobile DNA, 2013, 4, 7.	1.3	6
58	Partial sequence of the mitochondrial genome of the crustacean <i>Daphnia pulex</i> . Current Genetics, 1997, 31, 48-54.	0.8	5
59	Evolution of Repeated Sequences in the Ribosomal DNA Intergenic Spacer of 32 Arthropod Species. Journal of Molecular Evolution, 2010, 70, 247-259.	0.8	5
60	Metal exposure causes rDNA copy number to fluctuate in mutation accumulation lines of <i>Daphnia pulex</i> . Aquatic Toxicology, 2020, 226, 105556.	1.9	5
61	Length Variation in 18S rRNA Expansion Segment 43/e4 of <i>Daphnia obtusa</i> : Ancient or Recurring Polymorphism?. Journal of Molecular Evolution, 2009, 69, 142-149.	0.8	4
62	Gene Expression Variation in Duplicate Lactate dehydrogenase Genes: Do Ecological Species Show Distinct Responses?. PLoS ONE, 2014, 9, e103964.	1.1	4
63	Detection of "Lost" Plasmids from <i>Escherichia coli</i> Using Excess Ampicillin. Analytical Biochemistry, 1996, 236, 181-182.	1.1	3
64	Bioinformatics for Biomonitoring: Species Detection and Diversity Estimates Across Next-Generation Sequencing Platforms. Advances in Ecological Research, 2018, , 1-32.	1.4	3
65	Distribution of the DNA transposon family, Pokey in the <i>Daphnia pulex</i> species complex. Mobile DNA, 2016, 7, 11.	1.3	2
66	A simple and effective chemiluminescent DNA fingerprinting technique using digoxigenin-labelled minisatellite probes. Canadian Journal of Zoology, 1997, 75, 817-820.	0.4	1
67	Population cycles can maintain foraging polymorphism. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 1277-1281.	1.2	1