

# Teresa J Crease

## List of Publications by Year in descending order

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67  
papers

4,910  
citations

126907

33  
h-index

102487

66  
g-index

68  
all docs

68  
docs citations

68  
times ranked

5351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative splicing is highly variable among <i>Daphnia pulex</i> lineages in response to acute copper exposure. <i>BMC Genomics</i> , 2020, 21, 433.	2.8	15
2	Metal exposure causes rDNA copy number to fluctuate in mutation accumulation lines of <i>Daphnia pulex</i> . <i>Aquatic Toxicology</i> , 2020, 226, 105556.	4.0	5
3	Variation in transcriptional responses to copper exposure across <i>Daphnia pulex</i> lineages. <i>Aquatic Toxicology</i> , 2019, 210, 85-97.	4.0	23
4	Bioinformatics for Biomonitoring: Species Detection and Diversity Estimates Across Next-Generation Sequencing Platforms. <i>Advances in Ecological Research</i> , 2018, , 1-32.	2.7	3
5	Distribution of the DNA transposon family, Pokey in the <i>Daphnia pulex</i> species complex. <i>Mobile DNA</i> , 2016, 7, 11.	3.6	2
6	Divergence thresholds and divergent biodiversity estimates: can metabarcoding reliably describe zooplankton communities?. <i>Ecology and Evolution</i> , 2015, 5, 2234-2251.	1.9	117
7	Copy Number of the Transposon, Pokey, in rDNA Is Positively Correlated with rDNA Copy Number in <i>Daphnia obtusa</i> . <i>PLoS ONE</i> , 2014, 9, e114773.	2.5	8
8	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.	3.6	16
9	Gene Expression Variation in Duplicate Lactate dehydrogenase Genes: Do Ecological Species Show Distinct Responses?. <i>PLoS ONE</i> , 2014, 9, e103964.	2.5	4
10	Evolution of a transposon in <i>Daphnia</i> hybrid genomes. <i>Mobile DNA</i> , 2013, 4, 7.	3.6	6
11	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.	3.6	13
12	Transcontinental Phylogeography of the <i>Daphnia pulex</i> Species Complex. <i>PLoS ONE</i> , 2012, 7, e46620.	2.5	69
13	Speciation with gene flow and the genetics of habitat transitions. <i>Molecular Ecology</i> , 2012, 21, 1411-1422.	3.9	61
14	Copy number variation of ribosomal DNA and Pokey transposons in natural populations of <i>Daphnia</i> . <i>Mobile DNA</i> , 2012, 3, 4.	3.6	26
15	Evolution of the nuclear ribosomal DNA intergenic spacer in four species of the <i>Daphnia pulex</i> complex. <i>BMC Genomics</i> , 2011, 12, 13.	2.7	22
16	The Ecoresponsive Genome of <i>Daphnia pulex</i> . <i>Science</i> , 2011, 331, 555-561.	12.6	1,086
17	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
18	Evolution of Repeated Sequences in the Ribosomal DNA Intergenic Spacer of 32 Arthropod Species. <i>Journal of Molecular Evolution</i> , 2010, 70, 247-259.	1.8	5

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19	Length Variation in 18S rRNA Expansion Segment 43/e4 of <i>Daphnia obtusa</i> : Ancient or Recurring Polymorphism?. <i>Journal of Molecular Evolution</i> , 2009, 69, 142-149.	1.8	4
20	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.	4.8	210
21	The Association Between Breeding System and Transposable Element Dynamics in <i>Daphnia Pulex</i> . <i>Journal of Molecular Evolution</i> , 2008, 66, 643-654.	1.8	27
22	The effect of transposon Pokey insertions on sequence variation in the 28S rRNA gene of <i>Daphnia pulex</i> . <i>Genome</i> , 2008, 51, 988-1000.	2.0	11
23	D- and L-lactate dehydrogenases during invertebrate evolution. <i>BMC Evolutionary Biology</i> , 2008, 8, 268.	3.2	40
24	Rates of Recombination in the Ribosomal DNA of Apomictically Propagated <i>Daphnia obtusa</i> Lines. <i>Genetics</i> , 2007, 175, 311-320.	2.9	35
25	Probing the relationships of the branchiopod crustaceans. <i>Molecular Phylogenetics and Evolution</i> , 2006, 39, 491-502.	2.7	75
26	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.	8.9	16
27	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.	8.3	137
28	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.	8.9	32
29	Molecular Evolution of <i>Daphnia</i> Immunity Genes: Polymorphism in a Gram-Negative Binding Protein Gene and an $\alpha$ -2-Macroglobulin Gene. <i>Journal of Molecular Evolution</i> , 2004, 59, 498-506.	1.8	45
30	Mitochondrial DNA variation in North American populations of <i>Daphnia obtusa</i> : continentalism or cryptic endemism?. <i>Molecular Ecology</i> , 2004, 13, 97-107.	3.9	79
31	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.	1.6	11
32	The correlation between rDNA copy number and genome size in eukaryotes. <i>Genome</i> , 2003, 46, 48-50.	2.0	401
33	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.	2.6	86
34	Pokey, a New DNA Transposon in <i>Daphnia</i> (Cladocera: Crustacea). <i>Journal of Molecular Evolution</i> , 2002, 55, 664-673.	1.8	40
35	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.	1.8	27
36	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.	2.3	35

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37	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.	2.6	51
38	Population cycles can maintain foraging polymorphism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 1277-1281.	2.6	1
39	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.	3.9	77
40	The complete sequence of the mitochondrial genome of <i>Daphnia pulex</i> (Cladocera: Crustacea). <i>Gene</i> , 1999, 233, 89-99.	2.2	193
41	HOLARCTIC PHYLOGEOGRAPHY OF AN ASEQUAL SPECIES COMPLEX I. MITOCHONDRIAL DNA VARIATION IN ARCTIC <i>DAPHNIA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 777-792.	2.3	66
42	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.	1.8	52
43	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.	1.6	111
44	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.	2.6	160
45	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.	1.4	92
46	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.	2.6	25
47	A simple and effective chemiluminescent DNA fingerprinting technique using digoxigenin-labelled minisatellite probes. <i>Canadian Journal of Zoology</i> , 1997, 75, 817-820.	1.0	1
48	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.	2.6	53
49	Partial sequence of the mitochondrial genome of the crustacean <i>Daphnia pulex</i> . <i>Current Genetics</i> , 1997, 31, 48-54.	1.7	5
50	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.	2.6	10
51	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.	3.9	40
52	Detection of "Lost" Plasmids from <i>Escherichia coli</i> Using Excess Ampicillin. <i>Analytical Biochemistry</i> , 1996, 236, 181-182.	2.4	3
53	A Hierarchical Molecular Phylogeny within the Genus <i>Daphnia</i> . <i>Molecular Phylogenetics and Evolution</i> , 1995, 4, 395-407.	2.7	68
54	Partial mitochondrial DNA sequence of the crustacean <i>Daphnia pulex</i> . <i>Current Genetics</i> , 1994, 25, 66-72.	1.7	32

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55	Mitochondrial DNA diversity in the pea aphid <i>Acyrtosiphon pisum</i> . <i>Genome</i> , 1994, 37, 858-865.	2.0	34
56	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.	2.2	24
57	Cloning and characterization of <i>Daphnia</i> mitochondrial DNA. <i>Journal of Molecular Evolution</i> , 1991, 33, 152-155.	1.8	7
58	Polyphyletic Origins of Asexuality in <i>Daphnia pulex</i> . II. Mitochondrial-DNA Variation. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 1016.	2.3	37
59	The Distribution of Life-History Variation in the <i>Daphnia pulex</i> Complex. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 1724.	2.3	13
60	POLYPHYLETIC ORIGINS OF ASEXUALITY IN <i>DAPHNIA PULEX</i> . II. MITOCHONDRIAL-DNA VARIATION. <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 1016-1026.	2.3	70
61	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.	2.3	71
62	THE MOLECULAR THROUGH ECOLOGICAL GENETICS OF ABNORMAL ABDOMEN IN <i>DROSOPHILA MERCATORUM</i> . I. BASIC GENETICS. <i>Genetics</i> , 1985, 111, 805-818.	2.9	40
63	A test for the production of sexual pheromones by <i>Daphnia magna</i> (Crustacea: Cladocera). <i>Freshwater Biology</i> , 1983, 13, 491-496.	2.4	18
64	Clonal diversity in populations of <i>Daphnia pulex</i> reproducing by obligate parthenogenesis. <i>Heredity</i> , 1983, 51, 353-369.	2.6	121
65	Heterosis in <i>Daphnia</i> : A Reassessment. <i>American Naturalist</i> , 1982, 119, 427-434.	2.1	17
66	Clonal Coexistence in <i>Daphnia pulex</i> (Leydig): Another Planktonic Paradox. <i>Science</i> , 1980, 207, 1363-1365.	12.6	237
67	Phylogenetic relationships between parthenogens and their sexual relatives: the possible routes to parthenogenesis in animals. <i>Biological Journal of the Linnean Society</i> , 0, 79, 151-163.	1.6	369