

R S Burton

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,959
citations

394421

19
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1474
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytonuclear conflict in interpopulation hybrids: the role of RNA polymerase in mtDNA transcription and replication. <i>Journal of Evolutionary Biology</i> , 2010, 23, 528-538.	1.7	63
2	Genotype-dependent variation of mitochondrial transcriptional profiles in interpopulation hybrids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15831-15836.	7.1	89
3	Genetic structure of natural populations of California red abalone (<i>Haliotis rufescens</i>) using multiple genetic markers. <i>Marine Biology</i> , 2007, 152, 1237-1248.	1.5	63
4	The Sorry State of F ₂ Hybrids: Consequences of Rapid Mitochondrial DNA Evolution in Allopatric Populations. <i>American Naturalist</i> , 2006, 168, S14-S24.	2.1	183
5	Unusual structure of ribosomal DNA in the copepod <i>Tigriopus californicus</i> : intergenic spacer sequences lack internal subrepeats. <i>Gene</i> , 2005, 344, 105-113.	2.2	18
6	Translocation of an imperilled woodrat population: integrating spatial and habitat patterns. <i>Animal Conservation</i> , 2003, 6, 309-316.	2.9	21
7	Functional coadaptation between cytochrome c and cytochrome c oxidase within allopatric populations of a marine copepod. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12955-12958.	7.1	181
8	VIABILITY OF CYTOCHROME C GENOTYPES DEPENDS ON CYTOPLASMIC BACKGROUNDS IN TIGRIOPUS CALIFORNICUS. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1592-1599.	2.3	84
9	Natural selection and the evolution of mtDNA-encoded peptides: evidence for intergenomic co-adaptation. <i>Trends in Genetics</i> , 2001, 17, 400-406.	6.7	237
10	Genetic heterogeneity among adult and recruit red sea urchins, <i>Strongylocentrotus franciscanus</i> . <i>Marine Biology</i> , 2000, 136, 773-784.	1.5	108
11	Isolation and characterization of cytochrome c from the marine copepod <i>Tigriopus californicus</i> . <i>Gene</i> , 2000, 248, 15-22.	2.2	23
12	Does immune challenge affect torpor duration?. <i>Functional Ecology</i> , 1999, 13, 232-237.	3.6	46
13	Allozyme and mitochondrial DNA evidence of population subdivision in the purple sea urchin <i>Strongylocentrotus purpuratus</i> . <i>Marine Biology</i> , 1996, 126, 443-450.	1.5	126
14	Genetic differentiation and reproductive incompatibility among Baja California populations of the copepod <i>Tigriopus californicus</i> . <i>Marine Biology</i> , 1995, 123, 821-827.	1.5	91
15	Nuclear and mitochondrial gene genealogies and allozyme polymorphism across a major phylogeographic break in the copepod <i>Tigriopus californicus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 5197-5201.	7.1	224
16	Energetics of Osmoregulation in an Intertidal Copepod: Effects of Anoxia and lipid Reserves on the Pattern of Free Amino Accumulation. <i>Functional Ecology</i> , 1989, 3, 81.	3.6	65
17	Mating system of the intertidal copepod <i>Tigriopus californicus</i> . <i>Marine Biology</i> , 1985, 86, 247-252.	1.5	118
18	Genetics of mitochondrial glutamate-oxaloacetate transaminase (GOT-2) in <i>Tigriopus californicus</i> . <i>Biochemical Genetics</i> , 1984, 22, 339-347.	1.7	13

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19	Population structure of the intertidal copepod <i>Tigriopus californicus</i> as revealed by field manipulation of allele frequencies. <i>Oecologia</i> , 1984, 65, 108-111.	2.0	41
20	Physiological effects of an allozyme polymorphism: Glutamate-pyruvate transaminase and response to hyperosmotic stress in the copepod <i>Tigriopus californicus</i> . <i>Biochemical Genetics</i> , 1983, 21, 239-251.	1.7	119
21	Linkage relationships among five enzyme-coding gene loci in the copepod <i>Tigriopus californicus</i> : A genetic confirmation of achiasmatic meiosis. <i>Biochemical Genetics</i> , 1981, 19, 1237-1245.	1.7	46