R S Burton

List of Publications by Year
in descending order

21	1,959	394421 19	713466 21
papers	citations	h-index	g-index

21	21	21	1474
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural selection and the evolution of mtDNA-encoded peptides: evidence for intergenomic co-adaptation. Trends in Genetics, 2001, 17, 400-406.	6.7	237
2	Nuclear and mitochondrial gene genealogies and allozyme polymorphism across a major phylogeographic break in the copepod Tigriopus californicus.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 5197-5201.	7.1	224
3	The Sorry State of F₂ Hybrids: Consequences of Rapid Mitochondrial DNA Evolution in Allopatric Populations. American Naturalist, 2006, 168, S14-S24.	2.1	183
4	Functional coadaptation between cytochrome c and cytochrome c oxidase within allopatric populations of a marine copepod. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12955-12958.	7.1	181
5	Allozyme and mitochondrial DNA evidence of population subdivision in the purple sea urchin Strongylocentrotus purpuratus. Marine Biology, 1996, 126, 443-450.	1.5	126
6	Physiological effects of an allozyme polymorphism: Glutamate-pyruvate transaminase and response to hyperosmotic stress in the copepod Tigriopus californicus. Biochemical Genetics, 1983, 21, 239-251.	1.7	119
7	Mating system of the intertidal copepod Tigriopus californicus. Marine Biology, 1985, 86, 247-252.	1.5	118
8	Genetic heterogeneity among adult and recruit red sea urchins, Strongylocentrotus franciscanus. Marine Biology, 2000, 136, 773-784.	1.5	108
9	Genetic differentiation and reproductive incompatibility among Baja California populations of the copepod Tigriopus californicus. Marine Biology, 1995, 123, 821-827.	1.5	91
10	Genotype-dependent variation of mitochondrial transcriptional profiles in interpopulation hybrids. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15831-15836.	7.1	89
11	VIABILITY OF CYTOCHROME C GENOTYPES DEPENDS ON CYTOPLASMIC BACKGROUNDS IN TIGRIOPUS CALIFORNICUS. Evolution; International Journal of Organic Evolution, 2001, 55, 1592-1599.	2.3	84
12	Energetics of Osmoregulation in an Intertidal Copepod: Effects of Anoxia and lipid Reserves on the Pattern of Free Amino Accumulation. Functional Ecology, 1989, 3, 81.	3.6	65
13	Genetic structure of natural populations of California red abalone (Haliotis rufescens) using multiple genetic markers. Marine Biology, 2007, 152, 1237-1248.	1.5	63
14	Cytonuclear conflict in interpopulation hybrids: the role of RNA polymerase in mtDNA transcription and replication. Journal of Evolutionary Biology, 2010, 23, 528-538.	1.7	63
15	Linkage relationships among five enzyme-coding gene loci in the copepod Tigriopus californicus: A genetic confirmation of achiasmatic meiosis. Biochemical Genetics, 1981, 19, 1237-1245.	1.7	46
16	Does immune challenge affect torpor duration?. Functional Ecology, 1999, 13, 232-237.	3.6	46
17	Population structure of the intertidal copepod Tigriopus californicus as revealed by field manipulation of allele frequencies. Oecologia, 1984, 65, 108-111.	2.0	41
18	Isolation and characterization of cytochrome c from the marine copepod Tigriopus californicus. Gene, 2000, 248, 15-22.	2.2	23

#	Article	IF	Citations
19	Translocation of an imperilled woodrat population: integrating spatial and habitat patterns. Animal Conservation, 2003, 6, 309-316.	2.9	21
20	Unusual structure of ribosomal DNA in the copepod Tigriopus californicus: intergenic spacer sequences lack internal subrepeats. Gene, 2005, 344, 105-113.	2.2	18
21	Genetics of mitochondrial glutamate-oxaloacetate transaminase (GOT-2) in Tigriopus californicus. Biochemical Genetics, 1984, 22, 339-347.	1.7	13