

Artur Burzyński

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,271
citations

361045

20
h-index

395343

33
g-index

56
all docs

56
docs citations

56
times ranked

1268
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for Recombination of mtDNA in the Marine Mussel <i>Mytilus trossulus</i> from the Baltic. <i>Molecular Biology and Evolution</i> , 2003, 20, 388-392.	3.5	113
2	The legacy of a vanished sea: a high level of diversification within a European freshwater amphipod species complex driven by 15 My of Paratethys regression. <i>Molecular Ecology</i> , 2016, 25, 795-810.	2.0	95
3	Antibiotic resistance and prevalence of class 1 and 2 integrons in <i>Escherichia coli</i> isolated from two wastewater treatment plants, and their receiving waters (Gulf of Gdansk, Baltic Sea, Poland). <i>Environmental Science and Pollution Research</i> , 2015, 22, 2018-2030.	2.7	82
4	Comparative Genomics of Marine Mussels (<i>Mytilus</i> spp.) Gender Associated mtDNA: Rapidly Evolving <i>atp8</i> . <i>Journal of Molecular Evolution</i> , 2010, 71, 385-400.	0.8	64
5	Doubly Uniparental Inheritance Is Associated With High Polymorphism for Rearranged and Recombinant Control Region Haplotypes in Baltic <i>Mytilus trossulus</i> . <i>Genetics</i> , 2006, 174, 1081-1094.	1.2	49
6	Complete sequences of mitochondrial genomes from the Baltic mussel <i>Mytilus trossulus</i> . <i>Gene</i> , 2007, 406, 191-198.	1.0	49
7	Scottish <i>Mytilus trossulus</i> mussels retain ancestral mitochondrial DNA: Complete sequences of male and female mtDNA genomes. <i>Gene</i> , 2010, 456, 45-53.	1.0	49
8	Mitogenomics of recombinant mitochondrial genomes of Baltic Sea <i>Mytilus</i> mussels. <i>Molecular Genetics and Genomics</i> , 2014, 289, 1275-1287.	1.0	45
9	Molecular population genetics of male and female mitochondrial genomes in European mussels <i>Mytilus</i> . <i>Marine Biology</i> , 2009, 156, 913-925.	0.7	41
10	Molecular population genetics of male and female mitochondrial genomes in subarctic <i>Mytilus trossulus</i> . <i>Marine Biology</i> , 2013, 160, 1709-1721.	0.7	40
11	Origin of the Lake Ohrid gammarid species flock: ancient local phylogenetic lineage diversification. <i>Journal of Biogeography</i> , 2014, 41, 1758-1768.	1.4	38
12	Recombination in Mitochondrial DNA of European Mussels <i>Mytilus</i> . <i>Journal of Molecular Evolution</i> , 2008, 67, 377-388.	0.8	37
13	Revisiting the phylogeography of <i>Asellus aquaticus</i> in Europe: insights into cryptic diversity and spatiotemporal diversification. <i>Freshwater Biology</i> , 2015, 60, 1824-1840.	1.2	36
14	De novo assembly of the sea trout (<i>Salmo trutta</i> m. <i>trutta</i>) skin transcriptome to identify putative genes involved in the immune response and epidermal mucus secretion. <i>PLoS ONE</i> , 2017, 12, e0172282.	1.1	34
15	Molecular identification of European flounder (<i>Platichthys flesus</i>) and its hybrids with European plaice (<i>Pleuronectes platessa</i>). <i>ICES Journal of Marine Science</i> , 2009, 66, 902-906.	1.2	33
16	Complete sequences of maternally inherited mitochondrial genomes in mussels <i>Unio pictorum</i> (<i>Bivalvia</i> , <i>Unionidae</i>). <i>Journal of Applied Genetics</i> , 2010, 51, 469-476.	1.0	31
17	A tale of time and depth: intralacustrine radiation in endemic <i>Gammarus</i> species flock from the ancient Lake Ohrid. <i>Zoological Journal of the Linnean Society</i> , 2013, 167, 345-359.	1.0	31
18	Glacial history of the European marine mussels <i>Mytilus</i> , inferred from distribution of mitochondrial DNA lineages. <i>Heredity</i> , 2014, 113, 250-258.	1.2	27

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19	Is Interlineage Recombination Responsible for Low Divergence of Mitochondrial nad3 Genes in <i>Mytilus galloprovincialis</i> ?. <i>Molecular Biology and Evolution</i> , 2009, 26, 1441-1445.	3.5	25
20	Disruption of doubly uniparental inheritance of mitochondrial DNA associated with hybridization area of European <i>Mytilus edulis</i> and <i>Mytilus trossulus</i> in Norway. <i>Marine Biology</i> , 2017, 164, 209.	0.7	24
21	Actively transcribed and expressed <i>atp8</i> gene in <i>Mytilus edulis</i> mussels. <i>PeerJ</i> , 2018, 6, e4897.	0.9	20
22	Complete female mitochondrial genome of <i>Anodonta anatina</i> (Mollusca: Unionidae): confirmation of a novel protein-coding gene (F ORF). <i>Mitochondrial DNA</i> , 2015, 26, 267-269.	0.6	18
23	Pan-Arctic population of the keystone copepod <i>Calanus glacialis</i> . <i>Polar Biology</i> , 2016, 39, 2311-2318.	0.5	16
24	Postglacial expansion of the Arctic keystone copepod <i>Calanus glacialis</i> . <i>Marine Biodiversity</i> , 2018, 48, 1027-1035.	0.3	15
25	The complete maternal and paternal mitochondrial genomes of <i>Unio crassus</i> : Mitochondrial molecular clock and the overconfidence of molecular dating. <i>Molecular Phylogenetics and Evolution</i> , 2017, 107, 605-608.	1.2	12
26	Hermaphroditic freshwater mussel <i>Anodonta cygnea</i> does not have supranumerary open reading frames in the mitogenome. <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 862-864.	0.2	12
27	A study of <i>aanat</i> and <i>asmt</i> expression in the three-spined stickleback eye and skin: Not only on the way to melatonin. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020, 241, 110635.	0.8	12
28	<i>Semimytilus algosus</i> : first known hermaphroditic mussel with doubly uniparental inheritance of mitochondrial DNA. <i>Scientific Reports</i> , 2020, 10, 11256.	1.6	12
29	Mitogenomics of <i>Perumytilus purpuratus</i> (Bivalvia: Mytilidae) and its implications for doubly uniparental inheritance of mitochondria. <i>PeerJ</i> , 2018, 6, e5593.	0.9	12
30	Genetic diversity within sea trout population from an intensively stocked southern Baltic river, based on microsatellite DNA analysis. <i>Fisheries Management and Ecology</i> , 2014, 21, 398-409.	1.0	11
31	Complete female mitochondrial genome of <i>Mytilus chilensis</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 101-102.	0.2	11
32	Doubly uniparental inheritance and highly divergent mitochondrial genomes of the freshwater mussel <i>Unio tumidus</i> (Bivalvia: Unionidae). <i>Hydrobiologia</i> , 2018, 810, 239-254.	1.0	11
33	The ORF in the control region of the female-transmitted <i>Mytilus</i> mtDNA codes for a protein. <i>Gene</i> , 2020, 725, 144161.	1.0	11
34	Complete paternally inherited mitogenomes of two freshwater mussels <i>Unio pictorum</i> and <i>Sinanodonta woodiana</i> (Bivalvia: Unionidae). <i>PeerJ</i> , 2018, 6, e5573.	0.9	11
35	Family of Tc1-like elements from fish genomes and horizontal transfer. <i>Gene</i> , 2007, 390, 243-251.	1.0	10
36	Analysis of the coding potential of the ORF in the control region of the female-transmitted <i>Mytilus</i> mtDNA. <i>Gene</i> , 2016, 576, 586-588.	1.0	10

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37	Two Events Are Responsible for an Insertion in a Paternally Inherited Mitochondrial Genome of the Mussel <i>Mytilus galloprovincialis</i> . <i>Genetics</i> , 2007, 175, 959-962.	1.2	9
38	Variation in the copy number of tandem repeats of mitochondrial DNA in the North-East Atlantic cod populations. <i>Marine Biology Research</i> , 2009, 5, 186-192.	0.3	9
39	Complete male mitochondrial genome of <i>Anodonta anatina</i> (Mollusca: Unionidae). <i>Mitochondrial DNA</i> , 2016, 27, 1-2.	0.6	9
40	Mitochondrial genomes of the key zooplankton copepods Arctic <i>Calanus glacialis</i> and North Atlantic <i>Calanus finmarchicus</i> with the longest crustacean non-coding regions. <i>Scientific Reports</i> , 2017, 7, 13702.	1.6	9
41	Maristem – Stem Cells of Marine/Aquatic Invertebrates: From Basic Research to Innovative Applications. <i>Sustainability</i> , 2018, 10, 526.	1.6	9
42	Mitochondrial Genomes, Phylogenetic Associations, and SNP Recovery for the Key Invasive Ponto-Caspian Amphipods in Europe. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10300.	1.8	9
43	Co-expressed mitochondrial genomes: recently masculinized, recombinant mitochondrial genome is co-expressed with the female – transmitted mtDNA genome in a male <i>Mytilus trossulus</i> mussel from the Baltic Sea. <i>BMC Genetics</i> , 2014, 15, 28.	2.7	8
44	Next-generation sequencing of <i>Dreissena polymorpha</i> transcriptome sheds light on its mitochondrial DNA. <i>Hydrobiologia</i> , 2018, 810, 255-263.	1.0	8
45	Highly divergent mitogenomes of <i>Geukensia demissa</i> (Bivalvia, Mytilidae) with extreme AT content. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020, 58, 571-580.	0.6	8
46	Next generation sequencing of gonadal transcriptome suggests standard maternal inheritance of mitochondrial DNA in <i>Eurhomalea rufa</i> (Veneridae). <i>Marine Genomics</i> , 2017, 31, 21-23.	0.4	7
47	No evidence of DUI in the Mediterranean alien species <i>Brachidontes pharaonis</i> (P. Fisher, 1870) despite mitochondrial heteroplasmy. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
48	The longest mitochondrial protein in metazoans is encoded by the male-transmitted mitogenome of the bivalve <i>Scrobicularia plana</i> . <i>Biology Letters</i> , 2022, 18, .	1.0	6
49	Patterns of genetic differentiation and population history of endemic isopods (Asellidae) from ancient Lake Ohrid: combining allozyme and mtDNA data. <i>Open Life Sciences</i> , 2013, 8, 854-875.	0.6	5
50	A de novo Transcriptome Assembly of the European Flounder (<i>Platichthys flesus</i>): The Preselection of Transcripts Encoding Active Forms of Enzymes. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	5
51	Complete male mitochondrial genomes of European <i>Mytilus edulis</i> mussels. <i>Mitochondrial DNA</i> , 2016, 27, 1-2.	0.6	4
52	First Glimpse at the Diverse Aquaporins of Amphipod Crustaceans. <i>Cells</i> , 2021, 10, 3417.	1.8	3
53	Identification of a Tc1-like transposon integration site in the genome of the flounder (<i>Platichthys</i>) Tj ETQq1 1 0.784314 rgBT /Overl	0.4	2
54	Recombinant mitochondrial genome with standard transmission route from Mediterranean mussel <i>Mytilus galloprovincialis</i> . <i>Mitochondrial DNA</i> , 2016, 27, 585-586.	0.6	2