

Roman Wenne

List of Publications by Year in descending order

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77
papers

2,193
citations

172207

29
h-index

276539

41
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78
all docs

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docs citations

78
times ranked

1919
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined threats to native smooth-shelled mussels (genus <i>Mytilus</i>) in Australia: bioinvasions and hybridization. <i>Zoological Journal of the Linnean Society</i> , 2022, 194, 1194-1211.	1.0	9
2	Provenance of <i>Mytilus</i> food products in Europe using SNP genetic markers. <i>Aquaculture</i> , 2022, 554, 738135.	1.7	5
3	Molecular genetic differentiation of native populations of Mediterranean blue mussels, <i>Mytilus galloprovincialis</i> Lamarck, 1819, and the relationship with environmental variables. , 2022, 89, 755-784.		7
4	A comment on Giusti et al. (2020) "Mussels (<i>Mytilus</i> spp.) products authentication: A case study on the Italian market confirms issues in species identification and arises concern on commercial names attribution, <i>Food Control</i> Volume 118, December 2020, 107, 379" <i>Food Control</i> , 2021, 121, 107626.	2.8	2
5	The re-appearance of the <i>Mytilus</i> spp. complex in Svalbard, Arctic, during the Holocene: The case for an arrival by anthropogenic flotsam. <i>Global and Planetary Change</i> , 2021, 202, 103502.	1.6	19
6	Ecology and genetics of <i>Mytilus galloprovincialis</i> : A threat to bivalve aquaculture in southern Brazil. <i>Aquaculture</i> , 2021, 540, 736753.	1.7	14
7	Phylogeography of Southern Hemisphere Blue Mussels of the Genus <i>Mytilus</i> : Evolution, Biosecurity, Aquaculture and Food Labelling. , 2021, , 139-228.		1
8	A Marine Biodiversity Observation Network for Genetic Monitoring of Hard-Bottom Communities (ARMS-MBON). <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	34
9	Trans-Atlantic Distribution and Introgression as Inferred from Single Nucleotide Polymorphism: Mussels <i>Mytilus</i> and Environmental Factors. <i>Genes</i> , 2020, 11, 530.	1.0	36
10	SNP genotyping reveals substructuring in weakly differentiated populations of Atlantic cod (<i>Gadus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	10
11	Genetic Differentiation in Hatchery and Stocked Populations of Sea Trout in the Southern Baltic: Selection Evidence at SNP Loci. <i>Genes</i> , 2020, 11, 184.	1.0	7
12	Cryptic diversity in smooth-shelled mussels on Southern Ocean islands: connectivity, hybridisation and a marine invasion. <i>Frontiers in Zoology</i> , 2019, 16, 32.	0.9	21
13	Microarray analysis of gene expression of Atlantic cod from different Baltic Sea regions: Adaptation to salinity. <i>Marine Genomics</i> , 2019, 48, 100681.	0.4	4
14	Random forest assessment of correlation between environmental factors and genetic differentiation of populations: Case of marine mussels <i>Mytilus</i> . <i>Oceanologia</i> , 2019, 61, 131-142.	1.1	27
15	<i>Mytilus trossulus</i> in NW Greenland is genetically more similar to North Pacific than NW Atlantic populations of the species. <i>Marine Biodiversity</i> , 2019, 49, 1053-1059.	0.3	11
16	Mantle transcriptome sequencing of <i>Mytilus</i> spp. and identification of putative biomineralization genes. <i>PeerJ</i> , 2019, 6, e6245.	0.9	21
17	Native and invasive taxa on the Pacific coast of South America: Impacts on aquaculture, traceability and biodiversity of blue mussels (<i>Mytilus</i> spp.). <i>Evolutionary Applications</i> , 2018, 11, 298-311.	1.5	54
18	Alternatively spliced variants in Atlantic cod (<i>Gadus morhua</i>) support response to variable salinity environment. <i>Scientific Reports</i> , 2018, 8, 11607.	1.6	11

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19	Single nucleotide polymorphisms in native South American Atlantic coast populations of smooth shelled mussels: hybridization with invasive European <i>Mytilus galloprovincialis</i> . <i>Genetics Selection Evolution</i> , 2018, 50, 5.	1.2	48
20	Single nucleotide polymorphism markers with applications in aquaculture and assessment of its impact on natural populations. <i>Aquatic Living Resources</i> , 2018, 31, 2.	0.5	26
21	The genetic approach for assessing sea trout stock enhancement efficiency – An example from the Vistula River. <i>Archives of Polish Fisheries</i> , 2017, 25, 65-75.	0.6	2
22	De novo assembly of the sea trout (<i>Salmo trutta m. 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
23	Complete male mitochondrial genomes of European <i>Mytilus edulis</i> mussels. <i>Mitochondrial DNA</i> , 2016, 27, 1-2.	0.6	4
24	SNP Arrays for Species Identification in Salmonids. <i>Methods in Molecular Biology</i> , 2016, 1452, 97-111.	0.4	7
25	Recent genetic changes in enhanced populations of sea trout (<i>Salmo trutta m. trutta</i>) in the southern Baltic rivers revealed with SNP analysis. <i>Aquatic Living Resources</i> , 2016, 29, 103.	0.5	13
26	Invasive blue mussels threaten regional scale genetic diversity in mainland and remote offshore locations: the need for baseline data and enhanced protection in the Southern Ocean. <i>Global Change Biology</i> , 2016, 22, 3182-3195.	4.2	49
27	The genetic relationship between extirpated and contemporary Atlantic salmon <i>Salmo salar</i> L. lines from the southern Baltic Sea. <i>Genetics Selection Evolution</i> , 2016, 48, 29.	1.2	6
28	Adaptation to salinity in Atlantic cod from different regions of the Baltic Sea. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 478, 62-67.	0.7	18
29	A first report on coexistence and hybridization of <i>Mytilus trossulus</i> and <i>M. edulis</i> mussels in Greenland. <i>Polar Biology</i> , 2016, 39, 343-355.	0.5	52
30	Restitution and genetic differentiation of salmon populations in the southern Baltic genotyped with the Atlantic salmon 7K SNP array. <i>Genetics Selection Evolution</i> , 2015, 47, 39.	1.2	12
31	Transcriptome analysis of gill tissue of Atlantic cod <i>Gadus morhua</i> L. from the Baltic Sea. <i>Marine Genomics</i> , 2015, 23, 37-40.	0.4	18
32	Genetic differentiation of brackish water populations of cod <i>Gadus morhua</i> in the southern Baltic, inferred from genotyping using SNP-arrays. <i>Marine Genomics</i> , 2015, 19, 17-22.	0.4	36
33	New SNP markers reveal largely concordant clinal variation across the hybrid zone between <i>Mytilus</i> spp. in the Baltic Sea. <i>Aquatic Biology</i> , 2014, 21, 25-36.	0.5	51
34	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
35	Genetic diversity within sea trout population from an intensively stocked southern Baltic river, based on microsatellite <i>sc>DNA</sc></i> analysis. <i>Fisheries Management and Ecology</i> , 2014, 21, 398-409.	1.0	11
36	Genetic differentiation of southeast Baltic populations of sea trout inferred from single nucleotide polymorphisms. <i>Animal Genetics</i> , 2014, 45, 96-104.	0.6	18

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37	Identification of multiple diagnostic SNP loci for differentiation of three salmonid species using SNP-arrays. <i>Marine Genomics</i> , 2014, 15, 5-6.	0.4	11
38	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
39	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
40	Genetic biodiversity in the Baltic Sea: species-specific patterns challenge management. <i>Biodiversity and Conservation</i> , 2013, 22, 3045-3065.	1.2	50
41	Genotyping of two populations of Southern Baltic Sea trout <i>Salmo trutta m. trutta</i> using an Atlantic salmon derived SNP-array. <i>Marine Genomics</i> , 2013, 9, 25-32.	0.4	26
42	Identification and validation of novel SNP markers in European populations of marine <i>Mytilus</i> mussels. <i>Marine Biology</i> , 2012, 159, 1347-1362.	0.7	51
43	Distribution of <i>Mytilus</i> taxa in European coastal areas as inferred from molecular markers. <i>Journal of Sea Research</i> , 2011, 65, 224-234.	0.6	59
44	The application of microarray technology to the identification of Tc1-like element sequences in fish genomes. <i>Marine Biology Research</i> , 2011, 7, 466-477.	0.3	4
45	Comparative Genomics of Marine Mussels (<i>Mytilus</i> spp.) Gender Associated mtDNA: Rapidly Evolving atp8. <i>Journal of Molecular Evolution</i> , 2010, 71, 385-400.	0.8	64
46	Identification of a Tc1-like transposon integration site in the genome of the flounder (<i>Platichthys</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	2
47	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
48	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
49	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
50	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
51	Genetic composition of cultured and wild mussels <i>Mytilus</i> from The Netherlands and transfers from Ireland and Great Britain. <i>Aquaculture</i> , 2009, 287, 292-296.	1.7	36
52	Recombination in Mitochondrial DNA of European Mussels <i>Mytilus</i> . <i>Journal of Molecular Evolution</i> , 2008, 67, 377-388.	0.8	37
53	What role for genomics in fisheries management and aquaculture?. <i>Aquatic Living Resources</i> , 2007, 20, 241-255.	0.5	49
54	Family of Tc1-like elements from fish genomes and horizontal transfer. <i>Gene</i> , 2007, 390, 243-251.	1.0	10

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55	Complete sequences of mitochondrial genomes from the Baltic mussel <i>Mytilus trossulus</i> . <i>Gene</i> , 2007, 406, 191-198.	1.0	49
56	Introggression and mitochondrial DNA heteroplasmy in the Baltic populations of mussels <i>Mytilus trossulus</i> and <i>M. edulis</i> . <i>Marine Biology</i> , 2006, 149, 1371-1385.	0.7	59
57	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
58	Mitochondrial DNA lineages in the European populations of mussels (<i>Mytilus</i> spp.). <i>Marine Biology</i> , 2004, 146, 79-92.	0.7	50
59	Mitochondrial DNA variation in populations of the mussel <i>Mytilus trossulus</i> from the Southern Baltic. <i>Hydrobiologia</i> , 2003, 499, 1-12.	1.0	21
60	Doubly uniparental transmission of mitochondrial DNA length variants in the mussel <i>Mytilus trossulus</i> . <i>Marine Biology</i> , 2003, 142, 455-460.	0.7	29
61	Microsatellite DNA Polymorphism in Intensely Enhanced Populations of Sea Trout (<i>Salmo trutta</i>) in the Southern Baltic. <i>Marine Biotechnology</i> , 2003, 5, 234-243.	1.1	18
62	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
63	Genetic differentiation in hatchery and wild sea trout (<i>Salmo trutta</i>) in the Southern Baltic at microsatellite loci. <i>Aquaculture</i> , 2002, 204, 493-506.	1.7	69
64	Mitochondrial DNA variation in sea trout from coastal rivers in the southern Baltic region. <i>ICES Journal of Marine Science</i> , 2001, 58, 230-237.	1.2	9
65	Mitochondrial DNA heteroplasmy in European populations of the mussel <i>Mytilus trossulus</i> . <i>Marine Biology</i> , 1995, 122, 619-624.	0.7	46
66	Differential introggression of mitochondrial DNA across species boundaries within the marine mussel genus <i>Mytilus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995, 262, 51-56.	1.2	39
67	Sterol composition of marine bivalves from the genus <i>Macoma</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1990, 97, 81-82.	0.2	1
68	Seasonal changes in content and composition of sterols in the tissues of the bivalve <i>Macoma balthica</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1989, 93, 711-713.	0.2	0
69	Lipid composition and storage in the tissues of the bivalve, <i>Macoma balthica</i> . <i>Biochemical Systematics and Ecology</i> , 1989, 17, 583-587.	0.6	24
70	A comparison of condition indices of <i>Macoma Balthica</i> (L.) from the northern and southern baltic sea. <i>Journal of Sea Research</i> , 1989, 23, 45-55.	1.0	27
71	Genetic affinities of the bivalve <i>Macoma balthica</i> from the Pacific coast of North America: evidence for recent introduction and historical distribution. <i>Marine Biology</i> , 1989, 102, 235-241.	0.7	28
72	Concentration of uranium and thorium in molluscs inhabiting Gdańsk Bay, Baltic sea. <i>Science of the Total Environment</i> , 1987, 65, 191-202.	3.9	18

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73	Seasonal changes in condition and lipids composition of the bivalve <i>Macoma balthica</i> L. from the gulf of GdaÅ„sk (Southern Baltic). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1987, 88, 881-885.	0.2	7
74	Gross biochemical composition of the bivalve <i>Macoma balthica</i> from the Gulf of GdaÅ„sk (Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	15
75	Anatomical distribution of lipids and sterols in <i>Macoma balthica</i> (L.). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1986, 85, 135-137.	0.2	13
76	Microgeographic differentiation in the lipid composition of the bivalve <i>Macoma balthica</i> from the Gulf of GdaÅ„sk (Southern Baltic). <i>Marine Biology</i> , 1986, 91, 27-31.	0.7	13
77	DNAqua-Net: Developing new genetic tools for bioassessment and monitoring of aquatic ecosystems in Europe. <i>Research Ideas and Outcomes</i> , 0, 2, e11321.	1.0	154