

Pierre Boudry

List of Publications by Year in descending order

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155
papers

7,365
citations

44069

48
h-index

76900

74
g-index

163
all docs

163
docs citations

163
times ranked

4534
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune-suppression by OsHV-1 viral infection causes fatal bacteraemia in Pacific oysters. <i>Nature Communications</i> , 2018, 9, 4215.	12.8	217
2	High variance in reproductive success of the Pacific oyster (<i>Crassostrea gigas</i> , Thunberg) revealed by microsatellite-based parentage analysis of multifactorial crosses. <i>Aquaculture</i> , 2002, 204, 283-296.	3.5	200
3	The origin and evolution of weed beets: consequences for the breeding and release of herbicide-resistant transgenic sugar beets. <i>Theoretical and Applied Genetics</i> , 1993, 87, 471-478.	3.6	191
4	Genetically based resistance to summer mortality in the Pacific oyster (<i>Crassostrea gigas</i>) and its relationship with physiological, immunological characteristics and infection processes. <i>Aquaculture</i> , 2007, 268, 227-243.	3.5	166
5	Temperature influence on pathogen transmission and subsequent mortalities in juvenile Pacific oysters <i>Crassostrea gigas</i> . <i>Aquaculture Environment Interactions</i> , 2013, 3, 257-273.	1.8	164
6	Summer mortality of hatchery-produced Pacific oyster spat (<i>Crassostrea gigas</i>). I. Estimation of genetic parameters for survival and growth. <i>Aquaculture</i> , 2007, 262, 41-53.	3.5	153
7	Mytilin B and MGD2, two antimicrobial peptides of marine mussels: gene structure and expression analysis. <i>Developmental and Comparative Immunology</i> , 2000, 24, 381-393.	2.3	148
8	Geographic Structure in the European Flat Oyster (<i>Ostrea edulis</i> L.) as Revealed by Microsatellite Polymorphism. , 2002, 93, 331-351.		141
9	Differentiation between populations of the Portuguese oyster, <i>Crassostrea angulata</i> (Lamarck) and the Pacific oyster, <i>Crassostrea gigas</i> (Thunberg), revealed by mtDNA RFLP analysis. <i>Journal of Experimental Marine Biology and Ecology</i> , 1998, 226, 279-291.	1.5	139
10	Single Nucleotide polymorphisms and their relationship to codon usage bias in the Pacific oyster <i>Crassostrea gigas</i> . <i>Gene</i> , 2007, 406, 13-22.	2.2	133
11	Increasing genomic information in bivalves through new EST collections in four species: Development of new genetic markers for environmental studies and genome evolution. <i>Gene</i> , 2008, 408, 27-36.	2.2	132
12	Relative importance of family, site, and field placement timing on survival, growth, and yield of hatchery-produced Pacific oyster spat (<i>Crassostrea gigas</i>). <i>Aquaculture</i> , 2005, 249, 213-229.	3.5	127
13	Generation and analysis of a 29,745 unique Expressed Sequence Tags from the Pacific oyster (<i>Crassostrea gigas</i>) assembled into a publicly accessible database: the GigasDatabase. <i>BMC Genomics</i> , 2009, 10, 341.	2.8	127
14	Summer mortality of hatchery-produced Pacific oyster spat (<i>Crassostrea gigas</i>). II. Response to selection for survival and its influence on growth and yield. <i>Aquaculture</i> , 2010, 299, 21-29.	3.5	127
15	Factors influencing disease-induced mortality of Pacific oysters <i>Crassostrea gigas</i> . <i>Aquaculture Environment Interactions</i> , 2015, 6, 205-222.	1.8	118
16	Genetic diversity and gene flow between wild, cultivated and weedy forms of <i>Beta vulgaris</i> L. (<i>Chenopodiaceae</i>), assessed by RFLP and microsatellite markers. <i>Theoretical and Applied Genetics</i> , 1999, 98, 1194-1201.	3.6	109
17	Genetic parameters of resistance to <i>Vibrio aestuarianus</i> , and OsHV-1 infections in the Pacific oyster, <i>Crassostrea gigas</i> , at three different life stages. <i>Genetics Selection Evolution</i> , 2017, 49, 23.	3.0	107
18	Ostreid herpes virus 1 infection in families of the Pacific oyster, <i>Crassostrea gigas</i> , during a summer mortality outbreak: Differences in viral DNA detection and quantification using real-time PCR. <i>Virus Research</i> , 2009, 142, 181-187.	2.2	106

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19	Plasticity in resource allocation based life history traits in the Pacific oyster, <i>Crassostrea gigas</i> . I. Spatial variation in food abundance. <i>Journal of Evolutionary Biology</i> , 2003, 17, 342-356.	1.7	103
20	ASSORTATIVE FERTILIZATION AND SELECTION AT LARVAL STAGE IN THE MUSSELS <i>MYTILUS EDULIS</i> AND <i>M. GALLOPROVINCIALIS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 292-298.	2.3	94
21	QTL for resistance to summer mortality and OsHV-1 load in the Pacific oyster (<i>Crassostrea</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF 5	1.7	92
22	Integrative Study of Physiological Changes Associated with Bacterial Infection in Pacific Oyster Larvae. <i>PLoS ONE</i> , 2013, 8, e64534.	2.5	81
23	Flowering time in wild beet (<i>Beta vulgaris</i> ssp. <i>maritima</i>) along a latitudinal cline. <i>Acta Oecologica</i> , 1997, 18, 47-60.	1.1	79
24	Comparative histological study of gametogenesis in diploid and triploid Pacific oysters (<i>Crassostrea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5 124-129.	3.5	77
25	Trans-Atlantic Distribution of a Mangrove Oyster Species Revealed by 16S mtDNA and Karyological Analyses. <i>Biological Bulletin</i> , 2002, 202, 232-242.	1.8	75
26	Phylogeny and phylogeography of Atlantic oyster species: evolutionary history, limited genetic connectivity and isolation by distance. <i>Marine Ecology - Progress Series</i> , 2011, 426, 197-212.	1.9	74
27	Reproductive effort of Pacific oysters: A trait associated with susceptibility to summer mortality. <i>Aquaculture</i> , 2010, 304, 95-99.	3.5	72
28	The Proposed Dropping of the Genus <i>Crassostrea</i> for All Pacific Cupped Oysters and Its Replacement by a New Genus <i>Magallana</i> : A Dissenting View. <i>Journal of Shellfish Research</i> , 2017, 36, 545-547.	0.9	69
29	Regulation of FADS2 expression and activity in European sea bass (<i>Dicentrarchus labrax</i> , L.) fed a vegetable diet. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 156, 237-243.	1.6	68
30	Identification of RFLP markers closely linked to the bolting gene B and their significance for the study of the annual habit in beets (<i>Beta vulgaris</i> L.). <i>Theoretical and Applied Genetics</i> , 1994, 88, 852-858.	3.6	67
31	Mitochondrial and nuclear DNA sequence variation of presumed <i>Crassostrea gigas</i> and <i>Crassostrea angulata</i> specimens: a new oyster species in Hong Kong?. <i>Aquaculture</i> , 2003, 228, 15-25.	3.5	67
32	The molecular phylogeny of oysters based on a satellite DNA related to transposons. <i>Gene</i> , 2004, 339, 181-188.	2.2	66
33	Hemocyte characteristics in families of oysters, <i>Crassostrea gigas</i> , selected for differential survival during summer and reared in three sites. <i>Aquaculture</i> , 2007, 270, 276-288.	3.5	66
34	Detection of ostreid herpesvirus 1 DNA by PCR in bivalve molluscs: A critical review. <i>Journal of Virological Methods</i> , 2007, 139, 1-11.	2.1	66
35	Gill Development and Its Functional and Evolutionary Implications in the Blue Mussel <i>Mytilus edulis</i> (Bivalvia: Mytilidae). <i>Biological Bulletin</i> , 2009, 217, 173-188.	1.8	66
36	Variable microsatellites in the Pacific Oyster <i>Crassostrea gigas</i> and other cupped oyster species. <i>Animal Genetics</i> , 2000, 31, 71-72.	1.7	65

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37	Gametogenesis in the Pacific Oyster <i>Crassostrea gigas</i> : A Microarrays-Based Analysis Identifies Sex and Stage Specific Genes. PLoS ONE, 2012, 7, e36353.	2.5	65
38	Title is missing!. Conservation Genetics, 2000, 1, 251-262.	1.5	64
39	Fitness landscapes support the dominance theory of post-zygotic isolation in the mussels <i>Mytilus edulis</i> and <i>M. galloprovincialis</i> . Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1253-1260.	2.6	63
40	Strategies for the retention of high genetic variability in European flat oyster (<i>Ostrea edulis</i>) restoration programmes. Conservation Genetics, 2010, 11, 1899-1910.	1.5	63
41	A comparative field study of growth, survival and reproduction of <i>Crassostrea gigas</i> , <i>C. angulata</i> and their hybrids. Aquatic Living Resources, 2002, 15, 243-250.	1.2	61
42	Characterization of GnRH-related peptides from the Pacific oyster <i>Crassostrea gigas</i> . Peptides, 2012, 34, 303-310.	2.4	60
43	Responses of diploid and triploid Pacific oysters <i>Crassostrea gigas</i> to <i>Vibrio</i> infection in relation to their reproductive status. Journal of Invertebrate Pathology, 2011, 106, 179-191.	3.2	58
44	Genetic structure at different spatial scales in the pearl oyster (<i>Pinctada margaritifera cumingii</i>) in French Polynesian lagoons: beware of sampling strategy and genetic patchiness. Marine Biology, 2008, 155, 147-157.	1.5	56
45	Proteomic identification of quality factors for oocytes in the Pacific oyster <i>Crassostrea gigas</i> . Journal of Proteomics, 2012, 75, 5554-5563.	2.4	56
46	Microarray-Based Identification of Gonad Transcripts Differentially Expressed Between Lines of Pacific Oyster Selected to Be Resistant or Susceptible to Summer Mortality. Marine Biotechnology, 2010, 12, 326-339.	2.4	53
47	Effects of bioactive extracellular compounds and paralytic shellfish toxins produced by <i>Alexandrium minutum</i> on growth and behaviour of juvenile great scallops <i>Pecten maximus</i> . Aquatic Toxicology, 2017, 184, 142-154.	4.0	53
48	Characterisation of physiological and immunological differences between Pacific oysters (<i>Crassostrea gigas</i>) genetically selected for high or low survival to summer mortalities and fed different rations under controlled conditions. Journal of Experimental Marine Biology and Ecology, 2007, 353, 45-57.	1.5	52
49	Analysis of Genome-Wide Differentiation between Native and Introduced Populations of the Cupped Oysters <i>Crassostrea gigas</i> and <i>Crassostrea angulata</i> . Genome Biology and Evolution, 2018, 10, 2518-2534.	2.5	52
50	Phenotypic and genetic consequences of size selection at the larval stage in the Pacific oyster (<i>Crassostrea gigas</i>). Journal of Experimental Marine Biology and Ecology, 2006, 333, 147-158.	1.5	51
51	Population genomics shed light on the demographic and adaptive histories of European invasion in the Pacific oyster, <i>Crassostrea gigas</i> . Evolutionary Applications, 2013, 6, 1064-1078.	3.1	51
52	High-density genetic map and identification of QTLs for responses to temperature and salinity stresses in the model brown alga <i>Ectocarpus</i> . Scientific Reports, 2017, 7, 43241.	3.3	50
53	Negative correlation between aneuploidy and growth in the Pacific oyster, <i>Crassostrea gigas</i> : ten years of evidence. Aquaculture, 2001, 193, 39-48.	3.5	49
54	Vernalization requirement of wild beet <i>Beta vulgaris</i> ssp. <i>maritima</i> : among population variation and its adaptive significance. Journal of Ecology, 2002, 90, 693-703.	4.0	49

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55	Ostreid Herpesvirus 1 (OsHV-1) detection among three successive generations of Pacific oysters (<i>Crassostrea gigas</i>). <i>Virus Research</i> , 2005, 107, 47-56.	2.2	49
56	What role for genomics in fisheries management and aquaculture?. <i>Aquatic Living Resources</i> , 2007, 20, 241-255.	1.2	49
57	Is fertility of hybrids enough to conclude that the two oysters <i>Crassostrea gigas</i> and <i>Crassostrea angulata</i> are the same species?. <i>Aquatic Living Resources</i> , 2002, 15, 45-52.	1.2	48
58	An amylase gene polymorphism is associated with growth differences in the Pacific cupped oyster <i>Crassostrea gigas</i> . <i>Animal Genetics</i> , 2006, 37, 348-351.	1.7	47
59	Combining Two-Stage Testing and Interval Mapping Strategies to Detect QTL for Resistance to Bonamiosis in the European Flat Oyster <i>Ostrea edulis</i> . <i>Marine Biotechnology</i> , 2009, 11, 570-584.	2.4	47
60	Variance in the reproductive success of flat oyster <i>Ostrea edulis</i> L. assessed by parentage analyses in natural and experimental conditions. <i>Genetical Research</i> , 2010, 92, 175-187.	0.9	45
61	Reduced Female Gene Flow in the European Flat Oyster <i>Ostrea edulis</i> . <i>Journal of Heredity</i> , 2004, 95, 510-516.	2.4	43
62	Spatio-temporal variation in the genetic composition of wild populations of pearl oyster (<i>Pinctada</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Ecology, 2004, 13, 2001-2007.	3.9	43
63	Environmental anomalies, energetic reserves and fatty acid modifications in oysters coincide with an exceptional mortality event. <i>Marine Ecology - Progress Series</i> , 2010, 401, 129-146.	1.9	43
64	Reproductive effort and growth in <i>Crassostrea gigas</i> : comparison of young diploid and triploid oysters issued from natural crosses or chemical induction. <i>Aquatic Biology</i> , 2009, 7, 229-241.	1.4	42
65	Evidence of response to unintentional selection for faster development and inbreeding depression in <i>Crassostrea gigas</i> larvae. <i>Aquaculture</i> , 2007, 272, S69-S79.	3.5	40
66	A first-generation genetic linkage map of the European flat oyster <i>Ostrea edulis</i> (L.) based on AFLP and microsatellite markers. <i>Animal Genetics</i> , 2007, 38, 560-568.	1.7	40
67	Chromosome loss in bi-parental progenies of tetraploid Pacific oyster <i>Crassostrea gigas</i> . <i>Aquaculture</i> , 2005, 247, 97-105.	3.5	39
68	Transcriptomic Profiling of Gametogenesis in Triploid Pacific Oysters <i>Crassostrea gigas</i> : Towards an Understanding of Partial Sterility Associated with Triploidy. <i>PLoS ONE</i> , 2014, 9, e112094.	2.5	39
69	Detailed insights into pan-European population structure and inbreeding in wild and hatchery Pacific oysters (<i>Crassostrea gigas</i>) revealed by genome-wide SNP data. <i>Evolutionary Applications</i> , 2019, 12, 519-534.	3.1	39
70	Invasion genetics of the Pacific oyster <i>Crassostrea gigas</i> in the British Isles inferred from microsatellite and mitochondrial markers. <i>Biological Invasions</i> , 2015, 17, 2581-2595.	2.4	38
71	RAD sequencing sheds new light on the genetic structure and local adaptation of European scallops and resolves their demographic histories. <i>Scientific Reports</i> , 2019, 9, 7455.	3.3	38
72	Polymorphism of metallothionein genes in the Pacific oyster <i>Crassostrea gigas</i> as a biomarker of response to metal exposure. <i>Biomarkers</i> , 2002, 7, 439-450.	1.9	37

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73	<i>Bonamia ostreae</i> -induced mortalities in one-year old European flat oysters <i>Ostrea edulis</i> : experimental infection by cohabitation challenge. <i>Aquatic Living Resources</i> , 2008, 21, 423-439.	1.2	37
74	Current status and potential of genomic selection to improve selective breeding in the main aquaculture species of International Council for the Exploration of the Sea (ICES) member countries. <i>Aquaculture Reports</i> , 2021, 20, 100700.	1.7	37
75	Structure of Amylase Genes in Populations of Pacific Cupped Oyster (<i>Crassostrea gigas</i>): Tissue Expression and Allelic Polymorphism. <i>Marine Biotechnology</i> , 2003, 5, 360-372.	2.4	36
76	AFLP-based genetic linkage maps of the blue mussel (<i>Mytilus edulis</i>). <i>Animal Genetics</i> , 2007, 38, 340-349.	1.7	36
77	Effects of age and environment on survival of summer mortality by two selected groups of the Pacific oyster <i>Crassostrea gigas</i> . <i>Aquaculture</i> , 2010, 299, 44-50.	3.5	36
78	De novo assembly and annotation of the European abalone <i>Haliotis tuberculata</i> transcriptome. <i>Marine Genomics</i> , 2016, 28, 11-16.	1.1	36
79	Regulation of a truncated isoform of AMP-activated protein kinase $\hat{\pm}$ (AMPK $\hat{\pm}$) in response to hypoxia in the muscle of Pacific oyster <i>Crassostrea gigas</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013, 183, 597-611.	1.5	35
80	Disruption of amylase genes by RNA interference affects reproduction in the Pacific oyster <i>Crassostrea gigas</i> . <i>Journal of Experimental Biology</i> , 2015, 218, 1740-7.	1.7	35
81	Feeding and respiratory time activities in the cupped oysters <i>Crassostrea gigas</i> , <i>Crassostrea angulata</i> and their hybrids. <i>Aquaculture</i> , 2003, 218, 539-551.	3.5	34
82	GigaTON: an extensive publicly searchable database providing a new reference transcriptome in the Pacific oyster <i>Crassostrea gigas</i> . <i>BMC Bioinformatics</i> , 2015, 16, 401.	2.6	34
83	Microsatellite Analysis of 6-Hour-Old Embryos Reveals No Preferential Intraspecific Fertilization Between Cupped Oysters <i>Crassostrea gigas</i> and <i>Crassostrea angulata</i> . <i>Marine Biotechnology</i> , 2001, 3, 448-453.	2.4	32
84	Association among growth, food consumption-related traits and <i>amylase</i> gene polymorphism in the Pacific oyster <i>Crassostrea gigas</i> . <i>Animal Genetics</i> , 2008, 39, 662-665.	1.7	32
85	Summer Mortality of Selected Juvenile Pacific Oyster <i>Crassostrea gigas</i> Under Laboratory Conditions and in Comparison with Field Performance. <i>Journal of Shellfish Research</i> , 2010, 29, 847-856.	0.9	32
86	Sustainable large-scale production of European flat oyster (<i>Ostrea edulis</i>) seed for ecological restoration and aquaculture: a review. <i>Reviews in Aquaculture</i> , 2021, 13, 1423-1468.	9.0	32
87	A Complementary Method for Production of Tetraploid <i>Crassostrea gigas</i> Using Crosses Between Diploids and Tetraploids with Cytochalasin B Treatments. <i>Marine Biotechnology</i> , 2005, 7, 318-330.	2.4	31
88	Individual relationship between aneuploidy of gill cells and growth rate in the cupped oysters <i>Crassostrea angulata</i> , <i>C. gigas</i> and their reciprocal hybrids. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 352, 226-233.	1.5	31
89	Physiological and biochemical changes associated with massive mortality events occurring in larvae of American oyster (<i>Crassostrea virginica</i>). <i>Aquatic Living Resources</i> , 2011, 24, 247-260.	1.2	31
90	In Vivo RNA Interference of a Gonad-Specific Transforming Growth Factor- $\hat{2}$ in the Pacific Oyster <i>Crassostrea gigas</i> . <i>Marine Biotechnology</i> , 2012, 14, 402-410.	2.4	31

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91	Functional characterization of a short neuropeptide F-related receptor in a Lophotrochozoa, the mollusk <i>Crassostrea gigas</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 2974-82.	1.7	31
92	Spat collection of the pearl oyster (<i>Pinctada margaritifera cumingii</i>) in French Polynesia: an evaluation of the potential impact on genetic variability of wild and farmed populations after 20 years of commercial exploitation. <i>Aquaculture</i> , 2003, 219, 181-192.	3.5	30
93	Sex-Specific Regulation of AMP-Activated Protein Kinase (AMPK) in the Pacific Oyster <i>Crassostrea gigas</i> . <i>Biology of Reproduction</i> , 2013, 89, 100.	2.7	30
94	Genetic structure of a commercially exploited bivalve, the great scallop <i>Pecten maximus</i> , along the European coasts. <i>Conservation Genetics</i> , 2016, 17, 57-67.	1.5	30
95	Relationship between pre- and post-metamorphic growth in the Pacific oyster <i>Crassostrea gigas</i> (Thunberg). <i>Aquaculture</i> , 1999, 175, 215-226.	3.5	29
96	Contrasted survival under field or controlled conditions displays associations between mRNA levels of candidate genes and response to OsHV-1 infection in the Pacific oyster <i>Crassostrea gigas</i> . <i>Marine Genomics</i> , 2014, 15, 95-102.	1.1	29
97	Involvement of Mitochondrial Activity and OXPHOS in ATP Synthesis During the Motility Phase of Spermatozoa in the Pacific Oyster, <i>Crassostrea gigas</i> . <i>Biology of Reproduction</i> , 2015, 93, 118.	2.7	29
98	A combined microsatellite multiplexing and boiling DNA extraction method for high-throughput parentage analyses in the Pacific oyster (<i>Crassostrea gigas</i>). <i>Aquaculture Research</i> , 2005, 36, 516-518.	1.8	27
99	In Silico Analysis of Pacific Oyster (<i>Crassostrea gigas</i>) Transcriptome over Developmental Stages Reveals Candidate Genes for Larval Settlement. <i>International Journal of Molecular Sciences</i> , 2019, 20, 197.	4.1	27
100	Identification and characterization of 18 novel polymorphic microsatellite makers derived from expressed sequence tags in the Pacific oyster <i>Crassostrea gigas</i> . <i>Molecular Ecology Resources</i> , 2009, 9, 853-855.	4.8	26
101	Genetic structure of wild European populations of the invasive Pacific oyster <i>Crassostrea gigas</i> due to aquaculture practices. <i>Marine Biology</i> , 2013, 160, 453-463.	1.5	26
102	Comparative analysis of oxygen consumption rates between cupped oyster spat of <i>Crassostrea gigas</i> of French, Japanese, Spanish and Taiwanese origins. <i>Aquatic Living Resources</i> , 1999, 12, 271-277.	1.2	25
103	Interspecific hybridization in oysters: Restriction Enzyme Digestion Chromosome Banding confirms <i>Crassostrea angulata</i> — <i>Crassostrea gigas</i> F1 hybrids. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 343, 253-260.	1.5	25
104	NORA moving forward: Developing an oyster restoration network in Europe to support the Berlin Oyster Recommendation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 2031-2037.	2.0	25
105	Residual genetic variability in domesticated populations of the Pacific blue shrimp (<i>Litopenaeus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock. <i>Aquatic Living Resources</i> , 2003, 16, 501-508.	1.2	24
106	Restriction enzyme digestion chromosome banding in <i>Crassostrea</i> and <i>Ostrea</i> species: comparative karyological analysis within Ostreidae. <i>Genome</i> , 2004, 47, 781-788.	2.0	24
107	Phylogeographic study of the dwarf oyster, <i>Ostreola stentina</i> , from Morocco, Portugal and Tunisia: evidence of a geographic disjunction with the closely related taxa, <i>Ostrea aupaoria</i> and <i>Ostreola equestris</i> . <i>Marine Biology</i> , 2006, 150, 103-110.	1.5	24
108	Forty questions of importance to the policy and practice of native oyster reef restoration in Europe. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 2038-2049.	2.0	23

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109	A scientific name for Pacific oysters. <i>Aquaculture</i> , 2019, 499, 373.	3.5	22
110	Bonamia-like parasite found in the Suminoe oyster <i>Crassostrea rivularis</i> reared in France. <i>Diseases of Aquatic Organisms</i> , 1998, 34, 193-197.	1.0	21
111	Comparative study of shell shape and muscle scar pigmentation in the closely related cupped oysters <i>Crassostrea angulata</i> and <i>C. gigas</i> and their reciprocal hybrids. <i>Aquatic Living Resources</i> , 2008, 21, 31-38.	1.2	21
112	Characterization of Ten Microsatellite Loci in the Blue Mussel <i>Mytilus edulis</i> . <i>Journal of Shellfish Research</i> , 2009, 28, 547-551.	0.9	21
113	ATP content and viability of spermatozoa drive variability of fertilization success in the Pacific oyster (<i>Crassostrea gigas</i>). <i>Aquaculture</i> , 2017, 479, 114-119.	3.5	21
114	A 'G' chromosome banding study of three cupped oyster species: <i>Crassostrea gigas</i> , <i>Crassostrea angulata</i> and <i>Crassostrea virginica</i> (Mollusca: Bivalvia). <i>Genetics Selection Evolution</i> , 1999, 31, 1.	3.0	19
115	Expression of candidate genes related to metabolism, immunity and cellular stress during massive mortality in the American oyster <i>Crassostrea virginica</i> larvae in relation to biochemical and physiological parameters. <i>Gene</i> , 2012, 499, 70-75.	2.2	19
116	Multiplex PCR sets of novel microsatellite loci for the great scallop <i>Pecten maximus</i> and their application in parentage assignment. <i>Aquatic Living Resources</i> , 2013, 26, 207-213.	1.2	19
117	Stock enhancement or sea ranching? Insights from monitoring the genetic diversity, relatedness and effective population size in a seeded great scallop population (<i>Pecten maximus</i>). <i>Heredity</i> , 2016, 117, 142-148.	2.6	18
118	Molecular identification and expression of the phosphoglucomutase (PGM) gene from the Pacific oyster <i>Crassostrea gigas</i> . <i>Gene</i> , 2006, 382, 20-27.	2.2	17
119	Mark-recapture cloning: a straightforward and cost-effective cloning method for population genetics of single-copy nuclear DNA sequences in diploids. <i>Molecular Ecology Notes</i> , 2007, 7, 562-566.	1.7	17
120	Transcriptome based SNP discovery and validation for parentage assignment in hatchery progeny of the European abalone <i>Haliotis tuberculata</i> . <i>Aquaculture</i> , 2018, 491, 105-113.	3.5	17
121	The Kinome of Pacific Oyster <i>Crassostrea gigas</i> , Its Expression during Development and in Response to Environmental Factors. <i>PLoS ONE</i> , 2016, 11, e0155435.	2.5	17
122	Mitochondrial and Nuclear DNA Analysis of Genetic Heterogeneity Among Recruitment Cohorts of the European Flat Oyster <i>Ostrea edulis</i> . <i>Biological Bulletin</i> , 2009, 217, 233-241.	1.8	16
123	Preuve expérimentale d'une base génétique pour les différences de taux d'anéuploïdie chez l'huître creuse (<i>Crassostrea gigas</i>). <i>Aquatic Living Resources</i> , 2001, 14, 233-237.	1.2	15
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