

Ximing Guo

List of Publications by Year in descending order

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144
papers

10,539
citations

36303

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h-index

37204

96
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152
all docs

152
docs citations

152
times ranked

6172
citing authors

#	ARTICLE	IF	CITATIONS
1	The oyster genome reveals stress adaptation and complexity of shell formation. <i>Nature</i> , 2012, 490, 49-54.	27.8	1,966
2	Oyster Reefs at Risk and Recommendations for Conservation, Restoration, and Management. <i>BioScience</i> , 2011, 61, 107-116.	4.9	978
3	Scallop genome provides insights into evolution of bilaterian karyotype and development. <i>Nature Ecology and Evolution</i> , 2017, 1, 120.	7.8	353
4	Massive expansion and functional divergence of innate immune genes in a protostome. <i>Scientific Reports</i> , 2015, 5, 8693.	3.3	226
5	All-triploid Pacific oysters (<i>Crassostrea gigas</i> Thunberg) produced by mating tetraploids and diploids. <i>Aquaculture</i> , 1996, 142, 149-161.	3.5	224
6	Scallop genome reveals molecular adaptations to semi-sessile life and neurotoxins. <i>Nature Communications</i> , 2017, 8, 1721.	12.8	180
7	The pearl oyster <i>Pinctada fucata martensii</i> genome and multi-omic analyses provide insights into biomineralization. <i>GigaScience</i> , 2017, 6, 1-12.	6.4	160
8	Immune and stress responses in oysters with insights on adaptation. <i>Fish and Shellfish Immunology</i> , 2015, 46, 107-119.	3.6	158
9	Use and exchange of genetic resources in molluscan aquaculture. <i>Reviews in Aquaculture</i> , 2009, 1, 251-259.	9.0	156
10	Aquaculture genomics, genetics and breeding in the United States: current status, challenges, and priorities for future research. <i>BMC Genomics</i> , 2017, 18, 191.	2.8	155
11	AFLP-Based Genetic Linkage Maps of the Pacific Oyster <i>Crassostrea gigas</i> Thunberg. <i>Marine Biotechnology</i> , 2004, 6, 26-36.	2.4	154
12	Discovery of genes expressed in response to <i>Perkinsus marinus</i> challenge in Eastern (Crassostrea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	150
13	Studies on mass summer mortality of cultured zhikong scallops (<i>Chlamys farreri</i> Jones et Preston) in China. <i>Aquaculture</i> , 2005, 250, 602-615.	3.5	150
14	Transcriptome Analysis Reveals a Rich Gene Set Related to Innate Immunity in the Eastern Oyster (<i>Crassostrea virginica</i>). <i>Marine Biotechnology</i> , 2014, 16, 17-33.	2.4	135
15	Transcriptome analysis reveals strong and complex antiviral response in a mollusc. <i>Fish and Shellfish Immunology</i> , 2015, 46, 131-144.	3.6	130
16	Unusual conservation of mitochondrial gene order in <i>Crassostrea</i> oysters: evidence for recent speciation in Asia. <i>BMC Evolutionary Biology</i> , 2010, 10, 394.	3.2	119
17	Infectious diseases of marine molluscs and host responses as revealed by genomic tools. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150206.	4.0	118
18	Genetic Linkage Map of the Eastern Oyster <i>Crassostrea virginica</i> Gmelin. <i>Biological Bulletin</i> , 2003, 204, 327-338.	1.8	117

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19	Divergence and plasticity shape adaptive potential of the Pacific oyster. <i>Nature Ecology and Evolution</i> , 2018, 2, 1751-1760.	7.8	113
20	Genome-wide and single-base resolution DNA methylomes of the Pacific oyster <i>Crassostrea gigas</i> provide insight into the evolution of invertebrate CpG methylation. <i>BMC Genomics</i> , 2014, 15, 1119.	2.8	110
21	Reproductive Potential and Genetics of Triploid Pacific Oysters, <i>Crassostrea gigas</i> (Thunberg). <i>Biological Bulletin</i> , 1994, 187, 309-318.	1.8	109
22	Classification of jinjiang oysters <i>Crassostrea rivularis</i> (Gould, 1861) from China, based on morphology and phylogenetic analysis. <i>Aquaculture</i> , 2004, 242, 137-155.	3.5	106
23	Construction of Genetic Linkage Maps and Comparative Genome Analysis of Catfish Using Gene-Associated Markers. <i>Genetics</i> , 2009, 181, 1649-1660.	2.9	104
24	Developing tools for the study of molluscan immunity: The sequencing of the genome of the eastern oyster, <i>Crassostrea virginica</i> . <i>Fish and Shellfish Immunology</i> , 2015, 46, 2-4.	3.6	100
25	THE CASE FOR SEQUENCING THE PACIFIC OYSTER GENOME. <i>Journal of Shellfish Research</i> , 2005, 24, 429-441.	0.9	96
26	Classification of a Common Cupped Oyster from Southern China. <i>Journal of Shellfish Research</i> , 2010, 29, 857-866.	0.9	95
27	A chromosome-level genome assembly for the Pacific oyster <i>Crassostrea gigas</i> . <i>GigaScience</i> , 2021, 10, .	6.4	88
28	Identification of <i>Crassostrea ariakensis</i> and Related Oysters by Multiplex Species-Specific PCR. <i>Journal of Shellfish Research</i> , 2008, 27, 481-487.	0.9	83
29	Identification and mapping of disease-resistance QTLs in the eastern oyster, <i>Crassostrea virginica</i> Gmelin. <i>Aquaculture</i> , 2006, 254, 160-170.	3.5	82
30	Development of Expressed Sequence Tags from the Bay Scallop, <i>Argopecten irradians irradians</i> . <i>Marine Biotechnology</i> , 2006, 8, 161-169.	2.4	81
31	Genomic Analysis of the Pacific Oyster (<i>Crassostrea gigas</i>) Reveals Possible Conservation of Vertebrate Sex Determination in a Mollusc. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 2207-2217.	1.8	81
32	Chromosomal Rearrangement in Pectinidae Revealed by rRNA Loci and Implications for Bivalve Evolution. <i>Biological Bulletin</i> , 2004, 207, 247-256.	1.8	80
33	GENETIC DETERMINANTS OF PROTANDRIC SEX IN THE PACIFIC OYSTER, <i>CRASSOSTREA GIGAS</i> THUNBERG. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 394-402.	2.3	77
34	Development and Characterization of EST-SSR Markers in the Eastern Oyster <i>Crassostrea virginica</i> . <i>Marine Biotechnology</i> , 2007, 9, 500-511.	2.4	77
35	Different responses to selection in two stocks of the bay scallop, <i>Argopecten irradians irradians</i> Lamarck (1819). <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 313, 213-223.	1.5	75
36	Genetic Determinants of Protandric Sex in the Pacific Oyster, <i>Crassostrea gigas</i> Thunberg. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 394.	2.3	73

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37	A Preliminary Genetic Linkage Map of the Pacific Abalone <i>Haliotis discus hannai</i> Ino. <i>Marine Biotechnology</i> , 2006, 8, 386-397.	2.4	69
38	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
39	Optimization of tetraploid induction in Pacific oysters, <i>Crassostrea gigas</i> , using first polar body as a natural indicator. <i>Aquaculture</i> , 2000, 187, 73-84.	3.5	67
40	Microarray analysis of gene expression in eastern oyster (<i>Crassostrea virginica</i>) reveals a novel combination of antimicrobial and oxidative stress host responses after dermo (<i>Perkinsus marinus</i>) challenge. <i>Fish and Shellfish Immunology</i> , 2010, 29, 921-929.	3.6	66
41	Generation and analysis of ESTs from the eastern oyster, <i>Crassostrea virginica</i> Gmelin and identification of microsatellite and SNP markers. <i>BMC Genomics</i> , 2007, 8, 157.	2.8	65
42	Dynamics of DNA methylomes underlie oyster development. <i>PLoS Genetics</i> , 2017, 13, e1006807.	3.5	65
43	Sustained response to selection in an introduced population of the hermaphroditic bay scallop <i>Argopecten irradians irradians</i> Lamarck (1819). <i>Aquaculture</i> , 2006, 255, 579-585.	3.5	64
44	Expressed sequence tags from the zhikong scallop (<i>Chlamys farreri</i>): Discovery and annotation of host-defense genes. <i>Fish and Shellfish Immunology</i> , 2009, 26, 744-750.	3.6	64
45	Genetic Consequences of Blocking Polar Body I with Cytochalasin B in Fertilized Eggs of the Pacific Oyster, <i>Crassostrea gigas</i> : I. Ploidy of Resultant Embryos. <i>Biological Bulletin</i> , 1992, 183, 381-386.	1.8	62
46	A cDNA Microarray for <i>Crassostrea virginica</i> and <i>C. gigas</i> . <i>Marine Biotechnology</i> , 2007, 9, 577-591.	2.4	62
47	Performance of selectively-bred lines of eastern oyster, <i>Crassostrea virginica</i> , across eastern US estuaries. <i>Aquaculture</i> , 2016, 464, 17-27.	3.5	62
48	A Novel Shell Color Variant of the Pacific Abalone <i>Haliotis Discus Hannai</i> Ino Subject to Genetic Control and Dietary Influence. <i>Journal of Shellfish Research</i> , 2009, 28, 419-424.	0.9	60
49	Polymorphism in a serine protease inhibitor gene and its association with disease resistance in the eastern oyster (<i>Crassostrea virginica</i> Gmelin). <i>Fish and Shellfish Immunology</i> , 2011, 30, 757-762.	3.6	57
50	Diversity and Evolution of Living Oysters. <i>Journal of Shellfish Research</i> , 2018, 37, 755-771.	0.9	57
51	Classification of Common Oysters from North China. <i>Journal of Shellfish Research</i> , 2008, 27, 495-503.	0.9	56
52	Genetic Analysis of Selected Strains of Eastern Oyster (<i>Crassostrea virginica</i> Gmelin) Using AFLP and Microsatellite Markers. <i>Marine Biotechnology</i> , 2004, 6, 575-586.	2.4	54
53	Development and validation of single nucleotide polymorphism markers in the eastern oyster <i>Crassostrea virginica</i> Gmelin by mining ESTs and resequencing. <i>Aquaculture</i> , 2010, 302, 124-129.	3.5	54
54	Identification and Mapping of Amplified Fragment Length Polymorphism Markers Linked to Shell Color in Bay Scallop, <i>Argopecten irradians irradians</i> (Lamarck, 1819). <i>Marine Biotechnology</i> , 2007, 9, 66-73.	2.4	52

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55	The hard clam genome reveals massive expansion and diversification of inhibitors of apoptosis in <i>Bivalvia</i> . <i>BMC Biology</i> , 2021, 19, 15.	3.8	52
56	Sex and meiosis in autotetraploid Pacific oyster, <i>Crassostrea gigas</i> (Thunberg). <i>Genome</i> , 1997, 40, 397-405.	2.0	51
57	Genetic Consequences of Blocking Polar Body I with Cytochalasin B in Fertilized Eggs of the Pacific Oyster, <i>Crassostrea gigas</i> : II. Segregation of Chromosomes. <i>Biological Bulletin</i> , 1992, 183, 387-393.	1.8	48
58	Mutation in promoter region of a serine protease inhibitor confers <i>Perkinsus marinus</i> resistance in the eastern oyster (<i>Crassostrea virginica</i>). <i>Fish and Shellfish Immunology</i> , 2012, 33, 411-417.	3.6	48
59	Heterozygosity and body size in triploid Pacific oysters, <i>Crassostrea gigas</i> Thunberg, produced from meiosis II inhibition and tetraploids. <i>Aquaculture</i> , 2002, 204, 337-348.	3.5	47
60	A preliminary genetic map of Zhikong scallop (<i>Chlamys farreri</i> Jones et Preston 1904). <i>Aquaculture Research</i> , 2005, 36, 643-653.	1.8	46
61	Artificial gynogenesis with ultraviolet light-irradiated sperm in the Pacific oyster, <i>Crassostrea gigas</i> . I. Induction and survival. <i>Aquaculture</i> , 1993, 113, 201-214.	3.5	45
62	Differences in the rDNA-Bearing Chromosome Divide the Asian-Pacific and Atlantic Species of <i>Crassostrea</i> (<i>Bivalvia</i> , <i>Mollusca</i>). <i>Biological Bulletin</i> , 2004, 206, 46-54.	1.8	45
63	The use of -omic tools in the study of disease processes in marine bivalve mollusks. <i>Journal of Invertebrate Pathology</i> , 2015, 131, 137-154.	3.2	45
64	Aneuploid Pacific oyster (<i>Crassostrea gigas</i> Thunberg) as incidentals from triploid production. <i>Aquaculture</i> , 1999, 173, 347-357.	3.5	43
65	Chromosome inheritance in triploid Pacific oyster <i>Crassostrea gigas</i> Thunberg. <i>Heredity</i> , 2004, 93, 408-415.	2.6	40
66	HETEROSIS BETWEEN TWO STOCKS OF THE BAY SCALLOP, <i>ARGOPECTEN IRRADIANS</i> LAMARCK (1819). <i>Journal of Shellfish Research</i> , 2006, 25, 807-812.	0.9	40
67	Understanding How Disease and Environment Combine to Structure Resistance in Estuarine Bivalve Populations. <i>Oceanography</i> , 2009, 22, 212-231.	1.0	39
68	Growth and Survival of Intrastrain and Interstrain Rainbow Trout (<i>Oncorhynchus mykiss</i>) Triploids. <i>Journal of the World Aquaculture Society</i> , 1990, 21, 250-256.	2.4	38
69	Population genetics of <i>Crassostrea ariakensis</i> in Asia inferred from microsatellite markers. <i>Marine Biology</i> , 2010, 157, 1767-1781.	1.5	38
70	Triploid and Tetraploid Zhikong Scallop, <i>Chlamys farreri</i> Jones et Preston, Produced by Inhibiting Polar Body I. <i>Marine Biotechnology</i> , 2000, 2, 466-475.	2.4	37
71	Laboratory Hybridization between <i>Crassostrea ariakensis</i> and <i>C. sikamea</i> . <i>Journal of Shellfish Research</i> , 2009, 28, 453-458.	0.9	36
72	A 16-microsatellite multiplex assay for parentage assignment in the eastern oyster (<i>Crassostrea</i>)	3.5	35

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73	Development of Expressed Sequence Tags from the Pearl Oyster, <i>Pinctada martensii</i> Dunker. <i>Marine Biotechnology</i> , 2011, 13, 275-283.	2.4	35
74	Laboratory Hybridization between Two Oysters: <i>Crassostrea gigas</i> and <i>Crassostrea hongkongensis</i> . <i>Journal of Shellfish Research</i> , 2012, 31, 619-625.	0.9	35
75	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
76	ITS Length Polymorphism in Oysters and its Use in Species Identification. <i>Journal of Shellfish Research</i> , 2008, 27, 489-493.	0.9	34
77	Scallops and Scallop Aquaculture in China. <i>Developments in Aquaculture and Fisheries Science</i> , 2016, 40, 937-952.	1.3	34
78	Isolation and Mapping of Telomeric Pentanucleotide (TAACC) n Repeats of the Pacific Whiteleg Shrimp, <i>Penaeus vannamei</i> , Using Fluorescence In Situ Hybridization. <i>Marine Biotechnology</i> , 2006, 8, 467-480.	2.4	33
79	Genetic mapping of size-related quantitative trait loci (QTL) in the bay scallop (<i>Argopecten irradians</i>) using AFLP and microsatellite markers. <i>Aquaculture</i> , 2007, 272, 281-290.	3.5	33
80	Transgenerational plasticity and antiviral immunity in the Pacific oyster (<i>Crassostrea gigas</i>) against Ostreid herpesvirus 1 (OshV-1). <i>Developmental and Comparative Immunology</i> , 2019, 91, 17-25.	2.3	33
81	Delayed meiosis and polar body release in eggs of triploid Pacific oysters, <i>Crassostrea gigas</i> , in relation to tetraploid production. <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 248, 151-161.	1.5	32
82	Characterization of Eastern Oyster (<i>Crassostrea virginica</i> Gmelin) Chromosomes by Fluorescence In Situ Hybridization with Bacteriophage P1 Clones. <i>Marine Biotechnology</i> , 2005, 7, 207-214.	2.4	32
83	Massive expansion and diversity of nicotinic acetylcholine receptors in lophotrochozoans. <i>BMC Genomics</i> , 2019, 20, 937.	2.8	32
84	Loss of allele diversity in introduced populations of the hermaphroditic bay scallop <i>Argopecten irradians</i> . <i>Aquaculture</i> , 2007, 271, 252-259.	3.5	31
85	A novel and stress adaptive alternative oxidase derived from alternative splicing of duplicated exon in oyster <i>Crassostrea virginica</i> . <i>Scientific Reports</i> , 2017, 7, 10785.	3.3	31
86	Occurrence and Distribution of <i>Crassostrea sikamea</i> (Amemiya 1928) in China. <i>Journal of Shellfish Research</i> , 2013, 32, 439-446.	0.9	30
87	Intraspecific Variation in Mitogenomes of Five <i>Crassostrea</i> Species Provides Insight into Oyster Diversification and Speciation. <i>Marine Biotechnology</i> , 2016, 18, 242-254.	2.4	30
88	Development of SNP Panels as a New Tool to Assess the Genetic Diversity, Population Structure, and Parentage Analysis of the Eastern Oyster (<i>Crassostrea virginica</i>). <i>Marine Biotechnology</i> , 2018, 20, 385-395.	2.4	30
89	Inbreeding Depression and Maternal Effects on Early Performance of Pacific Abalone. <i>North American Journal of Aquaculture</i> , 2005, 67, 231-236.	1.4	29
90	Polyploid induction by heat shock-induced meiosis and mitosis inhibition in the dwarf surfclam, <i>Mulinia lateralis</i> Say. <i>Aquaculture</i> , 2006, 252, 171-182.	3.5	29

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91	The Potential for Oysters, <i>Crassostrea virginica</i> , to Develop Resistance to Dermo Disease in the Field: Evaluation using a Gene-Based Population Dynamics Model. <i>Journal of Shellfish Research</i> , 2011, 30, 685-712.	0.9	29
92	Genome of the estuarine oyster provides insights into climate impact and adaptive plasticity. <i>Communications Biology</i> , 2021, 4, 1287.	4.4	29
93	Artificial Gynogenesis in the Pacific Oyster, <i>Crassostrea gigas</i> : II. Allozyme Inheritance and Early Growth. <i>Journal of Heredity</i> , 1993, 84, 311-315.	2.4	28
94	Inbreeding depression for various traits in two cultured populations of the American bay scallop, <i>Argopecten irradians irradians</i> Lamarck (1819) introduced into China. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 364, 42-47.	1.5	27
95	Effects of salinity on larvae of the oysters <i>Crassostrea ariakensis</i> and <i>C. sikamea</i> and the hybrid cross. <i>Marine Biology Research</i> , 2011, 7, 796-803.	0.7	27
96	Modeling the transmission of <i>Perkinsus marinus</i> in the Eastern oyster <i>Crassostrea virginica</i> . <i>Fisheries Research</i> , 2017, 186, 82-93.	1.7	27
97	The Jumonji gene family in <i>Crassostrea gigas</i> suggests evolutionary conservation of Jmj-C histone demethylases orthologues in the oyster gametogenesis and development. <i>Gene</i> , 2014, 538, 164-175.	2.2	26
98	High-throughput sperm cryopreservation of eastern oyster <i>Crassostrea virginica</i> . <i>Aquaculture</i> , 2012, 344-349, 223-230.	3.5	25
99	Noncoding Variation and Transcriptional Plasticity Promote Thermal Adaptation in Oysters by Altering Energy Metabolism. <i>Molecular Biology and Evolution</i> , 2021, 38, 5144-5155.	8.9	25
100	A Centromeric Satellite Sequence in the Pacific Oyster (<i>Crassostrea gigas</i> Thunberg) Identified by Fluorescence In Situ Hybridization. <i>Marine Biotechnology</i> , 2001, 3, 486-492.	2.4	24
101	Genetic linkage map of the pearl oyster, <i>Pinctada martensii</i> (Dunker). <i>Aquaculture Research</i> , 2009, 41, 35-44.	1.8	24
102	Oysters. , 2008, , 163-175.		24
103	Novel polymorphisms in the <i>myostatin</i> gene and their association with growth traits in a variety of bay scallop, <i>Argopecten irradians</i> . <i>Animal Genetics</i> , 2011, 42, 339-340.	1.7	23
104	Complete Interference and Nonrandom Distribution of Meiotic Crossover in a Mollusc, <i>Mulinia lateralis</i> (Say). <i>Biological Bulletin</i> , 1996, 191, 145-148.	1.8	22
105	A scientific name for Pacific oysters. <i>Aquaculture</i> , 2019, 499, 373.	3.5	22
106	"Tandem duplication-random loss" is not a real feature of oyster mitochondrial genomes. <i>BMC Genomics</i> , 2009, 10, 84.	2.8	21
107	Chromosome set manipulation in shellfish. , 2009, , 165-194.		20
108	Identification and Characterization of 66 EST-SSR Markers in the Eastern Oyster <i>Crassostrea virginica</i> (Gmelin). <i>Journal of Shellfish Research</i> , 2009, 28, 227-234.	0.9	19

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109	Can oysters <i>Crassostrea virginica</i> develop resistance to dermo disease in the field: The impediment posed by climate cycles. <i>Journal of Marine Research</i> , 2012, 70, 309-355.	0.3	19
110	Extensive genome-wide duplications in the eastern oyster (<i>Crassostrea virginica</i>). <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200164.	4.0	19
111	Structure and immune expression analysis of hemoglobin genes from the blood clam <i>Tegillarca granosa</i> . <i>Genetics and Molecular Research</i> , 2013, 12, 3110-23.	0.2	19
112	Effective population sizes of eastern oyster <i>Crassostrea virginica</i> (Gmelin) populations in Delaware Bay, USA. <i>Journal of Marine Research</i> , 2012, 70, 357-379.	0.3	18
113	Development and Characterization of Polymorphic Microsatellite Markers for the Northern Quahog <i>Mercenaria mercenaria</i> (Linnaeus, 1758). <i>Journal of Shellfish Research</i> , 2010, 29, 77-82.	0.9	17
114	Chromosome Segregation in Fertilized Eggs From Triploid Pacific Oysters, <i>Crassostrea gigas</i> (Thunberg), Following Inhibition of Polar Body 1. <i>Biological Bulletin</i> , 1997, 193, 14-19.	1.8	15
115	Chapter 23 Scallop culture in China. <i>Developments in Aquaculture and Fisheries Science</i> , 2006, , 1143-1161.	1.3	15
116	Genetic linkage map of bay scallop, <i>Argopecten irradians irradians</i> (Lamarck 1819). <i>Aquaculture Research</i> , 2007, 38, 409-419.	1.8	15
117	Characterization of 31 EST-derived microsatellite markers for the pearl oyster <i>Pinctada martensii</i> (Dunker). <i>Molecular Ecology Resources</i> , 2009, 9, 177-179.	4.8	15
118	Taxonomic Classification of Three Oyster (Ostreidae) Species from Myanmar. <i>Journal of Shellfish Research</i> , 2017, 36, 365-371.	0.9	15
119	Tetraploid Induction by Inhibiting Mitosis I with Heat Shock, Cold Shock, and Nocodazole in the Hard Clam <i>Mercenaria mercenaria</i> (Linnaeus, 1758). <i>Marine Biotechnology</i> , 2006, 8, 501-510.	2.4	13
120	Chromosomal mapping of major ribosomal rRNA genes in the hard clam (<i>Mercenaria mercenaria</i>) using fluorescence in situ hybridization. <i>Marine Biology</i> , 2007, 150, 1183-1189.	1.5	13
121	Fertilization Interference Between <i>Crassostrea ariakensis</i> and <i>Crassostrea virginica</i> : A Gamete Sink. <i>Journal of Shellfish Research</i> , 2008, 27, 593-600.	0.9	12
122	Classification and Taxonomic Revision of Two Oyster Species from Peru: <i>Ostrea megodon</i> (Hanley, 1846) and <i>Crassostrea talonata</i> (Li & Qi, 1994). <i>Journal of Shellfish Research</i> , 2017, 36, 359-364.	0.9	12
123	Triploid hard clams <i>Mercenaria mercenaria</i> produced by inhibiting polar body I or polar body II. <i>Aquaculture Research</i> , 2018, 49, 449-461.	1.8	12
124	Classification of Small Flat Oysters of <i>Ostrea stentina</i> Species Complex and a New Species <i>Ostrea neostentina</i> sp. nov. (Bivalvia: Ostreidae). <i>Journal of Shellfish Research</i> , 2019, 38, 295.	0.9	11
125	Tetraploid induction by meiosis inhibition in the dwarf surfclam <i>Mulinia lateralis</i> (Say 1822): effects of cytochalasin B duration. <i>Aquaculture Research</i> , 2004, 35, 1187-1194.	1.8	10
126	Identification of variants associated with hard clam, <i>Mercenaria mercenaria</i> , resistance to Quahog Parasite Unknown disease. <i>Genomics</i> , 2020, 112, 4887-4896.	2.9	10

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127	Mantle Transcriptome Provides Insights into Biomineralization and Growth Regulation in the Eastern Oyster (<i>Crassostrea virginica</i>). <i>Marine Biotechnology</i> , 2022, 24, 82-96.	2.4	10
128	Preliminary genetic linkage map of the abalone <i>Haliotis diversicolor</i> Reeve. <i>Chinese Journal of Oceanology and Limnology</i> , 2010, 28, 549-557.	0.7	8
129	Nonlethal Sperm Collection and Cryopreservation in the Eastern Oyster <i>Crassostrea virginica</i> . <i>Journal of Shellfish Research</i> , 2013, 32, 429-437.	0.9	8
130	Identification of <i>Saccostrea mordax</i> and a New Species <i>Saccostrea mordoides</i> sp. nov. (Bivalvia: Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 6	0.9	8
131	Chromosomal Mapping of the Major Ribosomal RNA Genes in the Dwarf Surfclam (<i>Mulinia lateralis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	7
132	Inheritance of 15 microsatellites in the Pacific oyster <i>Crassostrea gigas</i> : segregation and null allele identification for linkage analysis. <i>Chinese Journal of Oceanology and Limnology</i> , 2009, 27, 74-79.	0.7	7
133	Production of inbred larvae through self-fertilization using oocytes and cryopreserved sperm from the same individuals after sex reversal in eastern oyster <i>Crassostrea virginica</i> . <i>Aquaculture Research</i> , 2015, 46, 2153-2165.	1.8	6
134	Tetraploid Induction and Establishment of Breeding Stocks for All-Triploid Seed Production. <i>Edis</i> , 2019, 2019, .	0.1	6
135	Transcriptomic Response to <i>Perkinsus marinus</i> in Two <i>Crassostrea</i> Oysters Reveals Evolutionary Dynamics of Host-Parasite Interactions. <i>Frontiers in Genetics</i> , 2021, 12, 795706.	2.3	6
136	CHROMOSOMAL MAPPING OF 5S RIBOSOMAL RNA GENES IN THE EASTERN OYSTER, <i>CRASSOSTREA VIRGINICA</i> GMELIN BY FLUORESCENCE IN SITU HYBRIDIZATION. <i>Journal of Shellfish Research</i> , 2005, 24, 959-964.	0.9	5
137	Development and characterization of 30 polymorphic microsatellite markers for the Atlantic surfclam, <i>Spisula solidissima</i> (Dillwyn, 1817). <i>Molecular Ecology Resources</i> , 2009, 9, 1264-1267.	4.8	5
138	Multiple drivers of interannual oyster settlement and recruitment in the lower Chesapeake Bay. <i>Conservation Genetics</i> , 2019, 20, 1057-1071.	1.5	5
139	Genomic Analyses Using Fluorescence in Situ Hybridization. , 0, , 289-312.		5
140	Divergent selection for growth within one self-fertilized line of bay scallop <i>Argopecten irradians</i> irradians Lamarck (1819). <i>Aquaculture</i> , 2007, 272, S320.	3.5	4
141	Inbreeding depression for various traits in two stocks of the bay scallop, <i>Argopecten irradians</i> irradians Lamarck (1819). <i>Aquaculture</i> , 2007, 272, S320-S321.	3.5	4
142	The complete mitochondrial genome and phylogenetic analysis of the dwarf surf clam <i>Mulinia lateralis</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 140-141.	0.4	3
143	Exploring the Feasibility of Selectively Breeding Farmed Atlantic Surfclams <i>Spisula solidissima</i> for Greater Heat Tolerance. <i>North American Journal of Aquaculture</i> , 2021, 83, 3-14.	1.4	3
144	Regulation of the Cell Cycle, Apoptosis, and Proline Accumulation Plays an Important Role in the Stress Response of the Eastern Oyster <i>Crassostrea Virginica</i> . <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	3