G Shi

List of Publications by Citations

151 papers	3,765 citations	28 h-index	57 g-index
172 ext. papers	4,860 ext. citations	4.5 avg, IF	5.08 L-index

#	Paper	IF	Citations
151	2b-RAD: a simple and flexible method for genome-wide genotyping. *Nature Methods*, **2012**, 9, 808-10	21.6	391
150	Sequencing and de novo analysis of a coral larval transcriptome using 454 GSFlx. *BMC Genomics*, **2009**, 10, 219	4.5	378
149	Gene coexpression networks in human brain identify epigenetic modifications in alcohol dependence. *Journal of Neuroscience*, **2012**, 32, 1884-97	6.6	294
148	Scallop genome provides insights into evolution of bilaterian karyotype and development. *Nature Ecology and Evolution*, **2017**, 1, 120	12.3	202
147	Transcriptome sequencing and de novo analysis for Yesso scallop (Patinopecten yessoensis) using 454 GS FLX. *PLoS ONE*, **2011**, 6, e21560	3.7	186
146	Transcriptome sequencing and characterization for the sea cucumber Apostichopus japonicus (Selenka, 1867). *PLoS ONE*, **2012**, 7, e33311	3.7	120
145	High-resolution linkage and quantitative trait locus mapping aided by genome survey sequencing: building up an integrative genomic framework for a bivalve mollusc. *DNA Research*, **2014**, 21, 85-101	4.5	113
144	Scallop genome reveals molecular adaptations to semi-sessile life and neurotoxins. *Nature Communications*, **2017**, 8, 1721	17.4	97
143	Fine-scale population genetic structure of Zhikong scallop (Chlamys farreri): do local marine currents drive geographical differentiation?. *Marine Biotechnology*, **2009**, 11, 223-35	3.4	80
142	RADtyping: an integrated package for accurate de novo codominant and dominant RAD genotyping in mapping populations. *PLoS ONE*, **2013**, 8, e79960	3.7	72
141	High-density linkage mapping aided by transcriptomics documents ZW sex determination system in the Chinese mitten crab Eriocheir sinensis. *Heredity*, **2015**, 115, 206-15	3.6	71
140	MethylRAD: a simple and scalable method for genome-wide DNA methylation profiling using methylation-dependent restriction enzymes. *Open Biology*, **2015**, 5,	7	65
139	Analysis of the internal transcribed spacer 2 (ITS2) region of scuticociliates and related taxa (Ciliophora, Oligohymenophorea) to infer their evolution and phylogeny. *Protist*, **2008**, 159, 519-33	2.5	58
138	Evaluation of the 2b-RAD method for genomic selection in scallop breeding. *Scientific Reports*, **2016** , 6, 19244	4.9	45
137	Identification and characterization of four ferritin subunits involved in immune defense of the Yesso scallop (Patinopecten yessoensis). *Fish and Shellfish Immunology*, **2013**, 34, 1178-87	4.3	41
136	Transcriptome sequencing of Zhikong scallop (Chlamys farreri) and comparative transcriptomic analysis with Yesso scallop (Patinopecten yessoensis). *PLoS ONE*, **2013**, 8, e63927	3.7	39
135	Fosmid library construction and initial analysis of end sequences in Zhikong scallop (Chlamys farreri). *Marine Biotechnology*, **2007**, 9, 606-12	3.4	39

134	Sea cucumber genome provides insights into saponin biosynthesis and aestivation regulation. *Cell Discovery*, **2018**, 4, 29	22.3	38
133	High-density single nucleotide polymorphisms linkage and quantitative trait locus mapping of the pearl oyster, Pinctada fucata martensii Dunker. *Aquaculture*, **2014**, 434, 376-384	4.4	37
132	Identification of reference genes for qRT-PCR analysis in Yesso scallop Patinopecten yessoensis. *PLoS ONE*, **2013**, 8, e75609	3.7	36
131	Construction of a High-Density Genetic Map and Quantitative Trait Locus Mapping in the Sea Cucumber Apostichopus japonicus. *Scientific Reports*, **2015**, 5, 14852	4.9	35
130	Transcriptome Sequencing and Comparative Analysis of Ovary and Testis Identifies Potential Key Sex-Related Genes and Pathways in Scallop Patinopecten yessoensis. *Marine Biotechnology*, **2016**, 18, 453-65	3.4	35
129	Sequencing-based gene network analysis provides a core set of gene resource for understanding thermal adaptation in Zhikong scallop Chlamys farreri. *Molecular Ecology Resources*, **2014**, 14, 184-98	8.4	34
128	Genome-wide identification and characterization of five MyD88 duplication genes in Yesso scallop (Patinopecten yessoensis) and expression changes in response to bacterial challenge. *Fish and Shellfish Immunology*, **2015**, 46, 181-91	4.3	33
127	Chromosome rearrangements in Pectinidae (Bivalvia: Pteriomorphia) implied based on chromosomal localization of histone H3 gene in four scallops. *Genetica*, **2007**, 130, 193-8	1.5	33
126	Serial sequencing of isolength RAD tags for cost-efficient genome-wide profiling of genetic and epigenetic variations. *Nature Protocols*, **2016**, 11, 2189-2200	18.8	33
125	Identification of two secreted ferritin subunits involved in immune defense of Yesso scallop Patinopecten yessoensis. *Fish and Shellfish Immunology*, **2014**, 37, 53-9	4.3	31
124	Hsp70 gene expansions in the scallop Patinopecten yessoensis and their expression regulation after exposure to the toxic dinoflagellate Alexandrium catenella. *Fish and Shellfish Immunology*, **2016**, 58, 266-273	4.3	28
123	Identification and Characterization of Neuropeptides by Transcriptome and Proteome Analyses in a Bivalve Mollusc. *Frontiers in Genetics*, **2018**, 9, 197	4.5	28
122	Integration of Transcriptomic and Proteomic Approaches Provides a Core Set of Genes for Understanding of Scallop Attachment. *Marine Biotechnology*, **2015**, 17, 523-32	3.4	27
121	Genome-wide analysis of DNA methylation in five tissues of Zhikong scallop, Chlamys farreri. *PLoS ONE*, **2014**, 9, e86232	3.7	27
120	A scallop IGF binding protein gene: molecular characterization and association of variants with growth traits. *PLoS ONE*, **2014**, 9, e89039	3.7	26
119	Molecular characterization of Myostatin gene from Zhikong scallop Chlamys farreri (Jones et Preston 1904). *Genes and Genetic Systems*, **2010**, 85, 207-18	1.4	26
118	Characterization of three mitogen-activated protein kinases (MAPK) genes reveals involvement of ERK and JNK, not p38 in defense against bacterial infection in Yesso scallop Patinopecten yessoensis. *Fish and Shellfish Immunology*, **2016**, 54, 507-15	4.3	26
117	The genome-wide identification of mitogen-activated protein kinase kinase (MKK) genes in Yesso scallop Patinopecten yessoensis and their expression responses to bacteria challenges. *Fish and Shellfish Immunology*, **2015**, 45, 901-11	4.3	24

116	Reference-free SNP calling: improved accuracy by preventing incorrect calls from repetitive genomic regions. *Biology Direct*, **2012**, 7, 17	7.2	24
115	Molecular characterization of TGF-β type I receptor gene (Tgfbr1) in Chlamys farreri, and the association of allelic variants with growth traits. *PLoS ONE*, **2012**, 7, e51005	3.7	24
114	A new strategy for species identification of planktonic larvae: PCR-RFLP analysis of the internal transcribed spacer region of ribosomal DNA detected by agarose gel electrophoresis or DHPLC. *Journal of Plankton Research*, **2006**, 28, 375-384	2.2	24
113	Genome-wide discovery of single nucleotide polymorphisms (SNPs) and single nucleotide variants (SNVs) in deep-sea mussels: Potential use in population genomics and cross-species application. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2017**, 137, 318-326	2.3	23
112	Genome-wide identification and characterization of TRAF genes in the Yesso scallop (Patinopecten yessoensis) and their distinct expression patterns in response to bacterial challenge. *Fish and Shellfish Immunology*, **2015**, 47, 545-55	4.3	23
111	Solving the SAT problem using a DNA computing algorithm based on ligase chain reaction. *BioSystems*, **2008**, 91, 117-25	1.9	23
110	FISH mapping and identification of Zhikong scallop (Chlamys farreri) chromosomes. *Marine Biotechnology*, **2008**, 10, 151-7	3.4	22
109	FOXL2 and DMRT1L Are Yin and Yang Genes for Determining Timing of Sex Differentiation in the Bivalve Mollusk. *Frontiers in Physiology*, **2018**, 9, 1166	4.6	21
108	Cytogenetic characterization of the bay scallop, Argopecten irradians irradians, by multiple staining techniques and fluorescence in situ hybridization. *Genes and Genetic Systems*, **2007**, 82, 257-63	1.4	21
107	Network analysis of oyster transcriptome revealed a cascade of cellular responses during recovery after heat shock. *PLoS ONE*, **2012**, 7, e35484	3.7	20
106	Systematic identification and validation of the reference genes from 60 RNA-Seq libraries in the scallop Mizuhopecten yessoensis. *BMC Genomics*, **2019**, 20, 288	4.5	19
105	Micro spatial analysis of seashell surface using laser-induced breakdown spectroscopy and Raman spectroscopy. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2015**, 110, 63-69	3.1	19
104	Cardiac performance: a thermal tolerance indicator in scallops. *Marine Biology*, **2016**, 163, 1	2.5	19
103	Genome-wide identification, characterization and expression analyses of two TNFRs in Yesso scallop (Patinopecten yessoensis) provide insight into the disparity of responses to bacterial infections and heat stress in bivalves. *Fish and Shellfish Immunology*, **2016**, 52, 44-56	4.3	19
102	Dynamics of DNA Methylation and DNMT Expression During Gametogenesis and Early Development of Scallop Patinopecten yessoensis. *Marine Biotechnology*, **2019**, 21, 196-205	3.4	18
101	Genome-wide identification and expression profiling of the SOX gene family in a bivalve mollusc Patinopecten yessoensis. *Gene*, **2017**, 627, 530-537	3.8	18
100	Analysis of the secondary structure of ITS1 in Pectinidae: implications for phylogenetic reconstruction and structural evolution. *Marine Biotechnology*, **2007**, 9, 231-42	3.4	18
99	Long Non-Coding RNAs (lncRNAs) of Sea Cucumber: Large-Scale Prediction, Expression Profiling, Non-Coding Network Construction, and lncRNA-microRNA-Gene Interaction Analysis of lncRNAs in Apostichopus japonicus and Holothuria glaberrima During LPS Challenge and Radial Organ Complex Regeneration. *Marine Biotechnology*, **2016**, 18, 485-99	3.4	18

98	Development of fisheries in China. *Reproduction and Breeding*, **2021**, 1, 64-79		17
97	Predicting Growth Traits with Genomic Selection Methods in Zhikong Scallop (Chlamys farreri). *Marine Biotechnology*, **2018**, 20, 769-779	3.4	16
96	Identification, characterization and expression profiling of the Tollip gene in Yesso scallop (Patinopecten yessoensis). *Genes and Genetic Systems*, **2015**, 90, 99-108	1.4	16
95	Growth and Reproductive Performance of Triploid Yesso Scallops (Patinopecten yessoensis) Induced by Hypotonic Shock. *Journal of Shellfish Research*, **2012**, 31, 1113-1122	1	16
94	An SCD gene from the Mollusca and its upregulation in carotenoid-enriched scallops. *Gene*, **2015**, 564, 101-8	3.8	15
93	Population genetic structure of the deep-sea mussel s (Bivalvia: Mytilidae) in the Northwest Pacific. *Evolutionary Applications*, **2018**, 11, 1915-1930	4.8	15
92	Identification of Cytochrome P450 (CYP) genes in Zhikong scallop (Chlamys farreri). *Journal of Ocean University of China*, **2013**, 12, 97-102	1	15
91	Accurate methods of DNA extraction and PCR-based genotyping for single scallop embryos/larvae long preserved in ethanol. *Molecular Ecology Resources*, **2008**, 8, 790-5	8.4	15
90	MolluscDB: an integrated functional and evolutionary genomics database for the hyper-diverse animal phylum Mollusca. *Nucleic Acids Research*, **2021**, 49, D988-D997	20.1	15
89	A carotenoid oxygenase is responsible for muscle coloration in scallop. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2019**, 1864, 966-975	5	14
88	Two novel elements (CFG1 and PYG1) of Mag lineage of Ty3/Gypsy retrotransposons from Zhikong scallop (Chlamys farreri) and Japanese scallop (Patinopecten yessoensis). *Genetica*, **2008**, 133, 37-46	1.5	14
87	Mapping of ribosomal DNA and (TTAGGG)n telomeric sequence by FISH in the bivalve Patinopecten yessoensis (Jay, 1857). *Journal of Molluscan Studies*, **2007**, 73, 393-398	1.1	14
86	Evolutionary transcriptomics of metazoan biphasic life cycle supports a single intercalation origin of metazoan larvae. *Nature Ecology and Evolution*, **2020**, 4, 725-736	12.3	13
85	AFLP linkage map of sea urchin constructed using an interspecific cross between Strongylocentrotus nudus (?) and S. intermedius (?). *Aquaculture*, **2006**, 259, 56-65	4.4	13
84	A genetic linkage map of the sea cucumber (Apostichopus japonicus) based on microsatellites and SNPs. *Aquaculture*, **2013**, 404-405, 1-7	4.4	12
83	Characterization of 95 novel microsatellite markers for Zhikong scallop Chlamys farreri using FIASCO-colony hybridization and EST database mining. *Fisheries Science*, **2008**, 74, 516-526	1.9	12
82	Diverse expression regulation of Hsp70 genes in scallops after exposure to toxic Alexandrium dinoflagellates. *Chemosphere*, **2019**, 234, 62-69	8.4	11
81	Large-scale development of gene-associated single-nucleotide polymorphism markers for molluscan population genomic, comparative genomic, and genome-wide association studies. *DNA Research*, **2014**, 21, 183-93	4.5	11

80	Genome-Wide Identification and Characterization of s in Zhikong Scallop Reveals Gene Expansion and Regulation Divergence after Toxic Dinoflagellate Exposure. *Marine Drugs*, **2019**, 17,	6	11
79	Genome-wide association study reveals E2F3 as the candidate gene for scallop growth. *Aquaculture* , **2019**, 511, 734216	4.4	10
78	The Chromosome-Level Genome Assembly and Comprehensive Transcriptomes of the Razor Clam (). *Frontiers in Genetics*, **2020**, 11, 664	4.5	10
77	Estimating realized heritability for growth in Zhikong scallop (Chlamys farreri) using genome-wide complex trait analysis. *Aquaculture*, **2018**, 497, 103-108	4.4	10
76	Characterization of 38 EST-derived SNP markers in Zhikong scallop (Chlamys farreri) and their cross-species utility in Yesso scallop (Patinopecten yessoensis). *Conservation Genetics Resources*, **2012**, 4, 747-753	0.8	10
75	Molecular and cellular evidence for biased mitotic gene conversion in hybrid scallop. *BMC Evolutionary Biology*, **2010**, 10, 6	3	10
74	Initial analysis of tandemly repetitive sequences in the genome of Zhikong scallop (Chlamys farreri Jones et Preston). *DNA Sequence*, **2008**, 19, 195-205		10
73	Proteomic analysis of scallop hepatopancreatic extract provides insights into marine polysaccharide digestion. *Scientific Reports*, **2016**, 6, 34866	4.9	10
72	Technical note: an R package for fitting sparse neural networks with application in animal breeding. *Journal of Animal Science*, **2018**, 96, 2016-2026	0.7	9
71	Characterization of an Atypical Metalloproteinase Inhibitors Like Protein (Sbp8-1) From Scallop Byssus. *Frontiers in Physiology*, **2018**, 9, 597	4.6	9
70	An integrated genetic and cytogenetic map for Zhikong scallop, Chlamys farreri, based on microsatellite markers. *PLoS ONE*, **2014**, 9, e92567	3.7	9
69	Development of Novel Cardiac Indices and Assessment of Factors Affecting Cardiac Activity in a Bivalve Mollusc. *Frontiers in Physiology*, **2019**, 10, 293	4.6	8
68	Genomic basis of environmental adaptation in the leathery sea squirt (Styela clava). *Molecular Ecology Resources*, **2020**, 20, 1414-1431	8.4	7
67	Molecular cloning and characterization of SoxB2 gene from Zhikong scallop Chlamys farreri. *Chinese Journal of Oceanology and Limnology*, **2013**, 31, 1216-1225		7
66	The evo-devo of molluscs: Insights from a genomic perspective. *Evolution & Development*, **2020**, 22, 409-424	2.4	7
65	Radiation-induced CT number changes in GTV and parotid glands during the course of radiation therapy for nasopharyngeal cancer. *British Journal of Radiology*, **2016**, 89, 20140819	3.4	6
64	The scallop IGF2 mRNA-binding protein gene PyIMP and association of a synonymous mutation with growth traits. *Genes and Genetic Systems*, **2018**, 93, 91-100	1.4	6
63	Genotyping by Sequencing and Data Analysis: RAD and 2b-RAD Sequencing **2017**, 338-355		5

62	Development of 101 novel EST-derived single nucleotide polymorphism markers for Zhikong scallop (Chlamys farreri). *Journal of Ocean University of China*, **2013**, 12, 403-412	1	5
61	Development of 101 gene-based single nucleotide polymorphism markers in sea cucumber, Apostichopus japonicus. *International Journal of Molecular Sciences*, **2012**, 13, 7080-97	6.3	5
60	Identification and expression profiles of Fox transcription factors in the Yesso scallop (Patinopecten yessoensis). *Gene*, **2020**, 733, 144387	3.8	5
59	Potential GnRH and steroidogenesis pathways in the scallop Patinopecten yessoensis. *Journal of Steroid Biochemistry and Molecular Biology*, **2020**, 204, 105756	5.1	5
58	The copper-catalyzed cross-coupling reactions of aryl diazonium salts and isocyanides. *Russian Journal of General Chemistry*, **2016**, 86, 668-671	0.7	5
57	Trophic Specialization Results in Genomic Reduction in Free-Living Marine Bacteria. *MBio*, **2019**, 10,	7.8	5
56	Genomic Insights into the Origin and Evolution of Molluscan Red-Bloodedness in the Blood Clam Tegillarca granosa. *Molecular Biology and Evolution*, **2021**, 38, 2351-2365	8.3	5
55	The discovered chimeric protein plays the cohesive role to maintain scallop byssal root structural integrity. *Scientific Reports*, **2018**, 8, 17082	4.9	5
54	A neighborhood standard deviation based algorithm for generating PET crystal position maps **2013** ,		4
53	Feasibility studies of simultaneous PET and SPECT dual-tracer imaging with a stationary multi-pinhole collimator inserted to animal PET detector **2012**,		4
52	Patterns of concerted evolution of the rDNA family in a natural population of Zhikong scallop, Chlamys farreri. *Journal of Molecular Evolution*, **2007**, 65, 660-7	3.1	4
51	Development of a rapid and efficient method for non-lethal DNA sampling and genotyping in scallops. *PLoS ONE*, **2013**, 8, e68096	3.7	4
50	The Rho GTPase Family Genes in Bivalvia Genomes: Sequence, Evolution and Expression Analysis. *PLoS ONE*, **2015**, 10, e0143932	3.7	4
49	Fast temperature estimation from undersampled k-space with fully-sampled center for MR guided microwave ablation. *Magnetic Resonance Imaging*, **2016**, 34, 1171-80	3.3	4
48	HD-Marker: a highly multiplexed and flexible approach for targeted genotyping of more than 10,000 genes in a single-tube assay. *Genome Research*, **2018**, 28, 1919-1930	9.7	4
47	Peroxisome Proliferator Activated Receptor Agonists Modulate Transposable Element Expression in Brain and Liver. *Frontiers in Molecular Neuroscience*, **2018**, 11, 331	6.1	4
46	Identification and characterisation of a novel FT orthologous gene in London plane with a distinct expression response to environmental stimuli compared to PaFT. *Plant Biology*, **2019**, 21, 1039-1051	3.7	3
45	Association of myostatin variants with growth traits of Zhikong scallop (Chlamys farreri). *Journal of Ocean University of China*, **2016**, 15, 145-151	1	3

44	Characterization of Chiton Ischnochiton hakodadensis Foot Based on Transcriptome Sequencing. *Journal of Ocean University of China*, **2018**, 17, 632-640	1	3
43	Genomic in situ hybridization identifies parental chromosomes in hybrid scallop (Bivalvia, Pectinoida, Pectinidae) between female Chlamysfarreri and male Argopectenirradiansirradians. *Comparative Cytogenetics*, **2015**, 9, 189-200	1	3
42	Measure PET detector performance with the intrinsic radioactivity of scintillator **2012**,		3
41	Design and sampling completeness evaluation of scanning orbits in multi-pinhole small animal SPECT imaging **2011**,		3
40	Sexual Development of the Hermaphroditic Scallop Revealed by Morphological, Endocrine and Molecular Analysis. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 646754	5.7	3
39	Characterization of the TRAF3IP1 gene in Yesso scallop (Patinopecten yessoensis) and its expression in response to bacterial challenge. *Genes and Genetic Systems*, **2017**, 91, 267-276	1.4	3
38	Using a multiscale image processing method to characterize the periodic growth patterns on scallop shells. *Ecology and Evolution*, **2017**, 7, 1616-1626	2.8	2
37	Expression profiling of the Kdm genes in scallop Patinopecten yessoensis suggests involvement of histone demethylation in regulation of early development and gametogenesis. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2020**, 243-244, 110434	2.3	2
36	High-resolution linkage and quantitative trait locus mapping using an interspecific cross between Argopecten irradians irradians (?) and A. purpuratus (?). *Marine Life Science and Technology*, **2020**, 2, 123-134	4.5	2
35	Accelerated model-based proton resonance frequency shift temperature mapping using echo-based GRAPPA reconstruction. *Magnetic Resonance Imaging*, **2015**, 33, 240-5	3.3	2
34	A modified spatial resolution formula for DOI-PET **2011**,		2
33	Species-resolved sequencing of low-biomass or degraded microbiomes using 2bRAD-M.. *Genome Biology*, **2022**, 23, 36	18.3	2
32	Expression of the Testis-Specific Serine/Threonine Kinases Suggests Their Role in Spermiogenesis of Bay Scallop. *Frontiers in Physiology*, **2021**, 12, 657559	4.6	2
31	Genome-wide identification and expression profiling of the Wnt gene family in three bivalve molluscs. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2019**, 29, 299-307	2	2
30	Experimental evidence for long-term coexistence of copiotrophic and oligotrophic bacteria in pelagic surface seawater. *Environmental Microbiology*, **2021**, 23, 1162-1173	5.2	2
29	s Gene Expansion in the Scallop and Their Expression Profiles After Exposure to the Toxic Dinoflagellate. *Frontiers in Physiology*, **2021**, 12, 633301	4.6	2
28	The complete mitochondrial genome and phylogenetic analysis of. *Mitochondrial DNA Part B: Resources*, **2019**, 4, 2908-2909	0.5	1
27	The complete mitochondrial genome and phylogenetic analysis of the dwarf surf clam. *Mitochondrial DNA Part B: Resources*, **2019**, 5, 140-141	0.5	1

26	Monolithic PET Detector Calibration Using Uncollimated Source and Gamma Interaction Position Distribution Constraint **2017**,		1
25	Genetic diversity and population differentiation of small giant clam in Comoros islands assessed by microsatellite markers. *SpringerPlus*, **2016**, 5, 1852		1
24	SiPM based PET detector modules with air-gapped pixelated LYSO **2014**,		1
23	Feasibility studies of a high sensitivity, stationary dedicated cardiac SPECT with multi-pinhole collimators on a clinical dual-head scanner **2014**,		1
22	Development of an in situ loop-mediated isothermal amplification technique for chromosomal localization of DNA sequences. *Chinese Journal of Oceanology and Limnology*, **2013**, 31, 128-133		1
21	Design and feasibility studies of a high-resolution and low-cost small animal SPECT system **2009**,		1
20	Feasibility studies of animal SPECT imaging with a stationary multi-pinhole collimator inserted to animal PET detector ring **2011**,		1
19	The Effect of Temperature on Gonadal Sex Differentiation of Yesso Scallop .. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 803046	5.7	1
18	Genomic differentiation and selection signatures of two elite varieties of Yesso scallop Mizuhopecten yessoensis. *Aquaculture*, **2022**, 550, 737842	4.4	1
17	Characterization of the complete mitochondrial genome of the Chongqing Moustache Toad, (Pope, 1947) with a phylogenetic analysis of Megophryidae. *Mitochondrial DNA Part B: Resources*, **2021**, 6, 1061-1063	0.5	1
16	Two complete mitochondrial genomes of the black-spotted stout newt () and their relative phylogenetics relationship with other Salamandridae. *Mitochondrial DNA Part B: Resources*, **2021**, 6, 106-107	0.5	1
15	High-quality reannotation of the king scallop genome reveals no gene-rich feature and evolution of toxin resistance. *Computational and Structural Biotechnology Journal*, **2021**, 19, 4954-4960	6.8	1
14	Whole-Genome Restriction Mapping by "Subhaploid"-Based RAD Sequencing: An Efficient and Flexible Approach for Physical Mapping and Genome Scaffolding. *Genetics*, **2017**, 206, 1237-1250	4	0
13	Genomic and transcriptomic landscapes and evolutionary dynamics of molluscan glycoside hydrolase families with implications for algae-feeding biology. *Computational and Structural Biotechnology Journal*, **2020**, 18, 2744-2756	6.8	0
12	Integration of Biochemical, Cellular, and Genetic Indicators for Understanding the Aging Process in a Bivalve Mollusk Chlamys farreri. *Marine Biotechnology*, **2019**, 21, 718-730	3.4	0
11	The first complete mitochondrial DNA of the Chinese short-limbed skink (Gray, 1845) determined by next-generation sequencing. *Mitochondrial DNA Part B: Resources*, **2021**, 6, 995-996	0.5	0
10	The complete mitochondrial genome and phylogenetic analysis of the deep-sea limpet. *Mitochondrial DNA Part B: Resources*, **2021**, 6, 2090-2091	0.5	0
9	Simulation Study of a 3D Multi-slit Prompt Gamma Imaging System for Proton Therapy Monitoring. *IEEE Transactions on Radiation and Plasma Medical Sciences*, **2021**, 1-1	4.2	0

8	Discovery of Nanos1 and Nanos2/3 as Germ Cell Markers During Scallop Gonadal Development.. *Marine Biotechnology*, **2022**, 24, 408	3.4	0
7	Decoding the byssus fabrication by spatiotemporal secretome analysis of scallop foot. *Computational and Structural Biotechnology Journal*, **2022**, 20, 2713-2722	6.8	0
6	Performance comparison of two efficient genomic selection methods (gsbay & MixP) applied in aquacultural organisms. *Journal of Ocean University of China*, **2017**, 16, 137-144	1	
5	Sequencing-Based Transcriptome-Wide Targeted Genotyping for Evolutionary and Ecological Studies. *Evolutionary Bioinformatics*, **2019**, 15, 1176934319836074	1.9	
4	A Population Genetic Analysis of Continuously Selected Chlamys farreri Populations. *Journal of Ocean University of China*, **2018**, 17, 913-919	1	
3	The complete mitochondrial genome and phylogenetic analysis of sp. J (Mollusca: Hiatellidae). *Mitochondrial DNA Part B: Resources*, **2020**, 5, 2054-2055	0.5	
2	An efficient integrated approach for nonlethal DNA sampling and genome-wide genotyping in bivalve molluscs. *Aquaculture*, **2021**, 536, 736489	4.4	
1	Complete mitochondrial genome of the Bingzhi stout newt (Chang, 1933) and its phylogenetic placement. *Mitochondrial DNA Part B: Resources*, **2021**, 6, 524-525	0.5	