

# Lingling

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54  
papers

1,152  
citations

20  
h-index

32  
g-index

56  
ext. papers

1,673  
ext. citations

5.2  
avg, IF

3.93  
L-index

#	Paper	IF	Citations
54	Discovery of Nanos1 and Nanos2/3 as Germ Cell Markers During Scallop Gonadal Development.. <i>Marine Biotechnology</i> , <b>2022</b> , 24, 408	3.4	0
53	The Effect of Temperature on Gonadal Sex Differentiation of Yesso Scallop .. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 803046	5.7	1
52	Expression of the Testis-Specific Serine/Threonine Kinases Suggests Their Role in Spermiogenesis of Bay Scallop. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 657559	4.6	2
51	Sexual Development of the Hermaphroditic Scallop Revealed by Morphological, Endocrine and Molecular Analysis. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 646754	5.7	3
50	MolluscDB: an integrated functional and evolutionary genomics database for the hyper-diverse animal phylum Mollusca. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, D988-D997	20.1	15
49	High-quality reannotation of the king scallop genome reveals no gene-rich feature and evolution of toxin resistance. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 4954-4960	6.8	1
48	Expression profiling of the Kdm genes in scallop <i>Patinopecten yessoensis</i> suggests involvement of histone demethylation in regulation of early development and gametogenesis. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2020</b> , 243-244, 110434	2.3	2
47	Evolutionary transcriptomics of metazoan biphasic life cycle supports a single intercalation origin of metazoan larvae. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 725-736	12.3	13
46	Identification and expression profiles of Fox transcription factors in the Yesso scallop ( <i>Patinopecten yessoensis</i> ). <i>Gene</i> , <b>2020</b> , 733, 144387	3.8	5
45	Potential GnRH and steroidogenesis pathways in the scallop <i>Patinopecten yessoensis</i> . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2020</b> , 204, 105756	5.1	5
44	The evo-devo of molluscs: Insights from a genomic perspective. <i>Evolution &amp; Development</i> , <b>2020</b> , 22, 409-424	4.4	7
43	Dynamics of DNA Methylation and DNMT Expression During Gametogenesis and Early Development of Scallop <i>Patinopecten yessoensis</i> . <i>Marine Biotechnology</i> , <b>2019</b> , 21, 196-205	3.4	18
42	Development of Novel Cardiac Indices and Assessment of Factors Affecting Cardiac Activity in a Bivalve Mollusc. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 293	4.6	8
41	Systematic identification and validation of the reference genes from 60 RNA-Seq libraries in the scallop <i>Mizuhopecten yessoensis</i> . <i>BMC Genomics</i> , <b>2019</b> , 20, 288	4.5	19
40	A carotenoid oxygenase is responsible for muscle coloration in scallop. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2019</b> , 1864, 966-975	5	14
39	Sequencing-Based Transcriptome-Wide Targeted Genotyping for Evolutionary and Ecological Studies. <i>Evolutionary Bioinformatics</i> , <b>2019</b> , 15, 1176934319836074	1.9	
38	Integration of Biochemical, Cellular, and Genetic Indicators for Understanding the Aging Process in a Bivalve Mollusk <i>Chlamys farreri</i> . <i>Marine Biotechnology</i> , <b>2019</b> , 21, 718-730	3.4	0

37	Amplicon-Based Illumina Sequencing and Quantitative PCR Reveals Nanoplankton Diversity and Biomass in Surface Water of Qinhuangdao Coastal Area, China. <i>Journal of Ocean University of China</i> , <b>2019</b> , 18, 962-976	1	3
36	Genome-Wide Identification and Characterization of s in Zhikong Scallop Reveals Gene Expansion and Regulation Divergence after Toxic Dinoflagellate Exposure. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	11
35	Genome-wide identification and expression profiling of the Wnt gene family in three bivalve molluscs. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2019</b> , 29, 299-307	2	2
34	Identification and Characterization of Neuropeptides by Transcriptome and Proteome Analyses in a Bivalve Mollusc. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 197	4.5	28
33	FOXL2 and DMRT1L Are Yin and Yang Genes for Determining Timing of Sex Differentiation in the Bivalve Mollusk. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1166	4.6	21
32	HD-Marker: a highly multiplexed and flexible approach for targeted genotyping of more than 10,000 genes in a single-tube assay. <i>Genome Research</i> , <b>2018</b> , 28, 1919-1930	9.7	4
31	Peroxisome Proliferator Activated Receptor Agonists Modulate Transposable Element Expression in Brain and Liver. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 331	6.1	4
30	The scallop IGF2 mRNA-binding protein gene PyIMP and association of a synonymous mutation with growth traits. <i>Genes and Genetic Systems</i> , <b>2018</b> , 93, 91-100	1.4	6
29	Sea cucumber genome provides insights into saponin biosynthesis and aestivation regulation. <i>Cell Discovery</i> , <b>2018</b> , 4, 29	22.3	38
28	Genotyping by Sequencing and Data Analysis: RAD and 2b-RAD Sequencing <b>2017</b> , 338-355		5
27	Scallop genome provides insights into evolution of bilaterian karyotype and development. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 120	12.3	202
26	Scallop genome reveals molecular adaptations to semi-sessile life and neurotoxins. <i>Nature Communications</i> , <b>2017</b> , 8, 1721	17.4	97
25	Genome-wide identification and expression profiling of the SOX gene family in a bivalve mollusc <i>Patinopecten yessoensis</i> . <i>Gene</i> , <b>2017</b> , 627, 530-537	3.8	18
24	Hsp70 gene expansions in the scallop <i>Patinopecten yessoensis</i> and their expression regulation after exposure to the toxic dinoflagellate <i>Alexandrium catenella</i> . <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 58, 266-273	4.3	28
23	Cardiac performance: a thermal tolerance indicator in scallops. <i>Marine Biology</i> , <b>2016</b> , 163, 1	2.5	19
22	Genome-wide identification, characterization and expression analyses of two TNFRs in Yesso scallop ( <i>Patinopecten yessoensis</i> ) provide insight into the disparity of responses to bacterial infections and heat stress in bivalves. <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 52, 44-56	4.3	19
21	Association of myostatin variants with growth traits of Zhikong scallop ( <i>Chlamys farreri</i> ). <i>Journal of Ocean University of China</i> , <b>2016</b> , 15, 145-151	1	3
20	Long Non-Coding RNAs (lncRNAs) of Sea Cucumber: Large-Scale Prediction, Expression Profiling, Non-Coding Network Construction, and lncRNA-microRNA-Genes Interaction Analysis of lncRNAs in <i>Apostichopus japonicus</i> and <i>Holothuria glaberrima</i> During LPS Challenge and Radial Organ Complex Regeneration. <i>Marine Biotechnology</i> , <b>2016</b> , 18, 485-500	3.4	18

19	Transcriptome Sequencing and Comparative Analysis of Ovary and Testis Identifies Potential Key Sex-Related Genes and Pathways in Scallop <i>Patinopecten yessoensis</i> . <i>Marine Biotechnology</i> , <b>2016</b> , 18, 453-65	3.4	35
18	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 <i>Patinopecten yessoensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2016</b> , 54, 507-15	4.3	26
17	Serial sequencing of isologous RAD tags for cost-efficient genome-wide profiling of genetic and epigenetic variations. <i>Nature Protocols</i> , <b>2016</b> , 11, 2189-2200	18.8	33
16	Genome-wide identification and characterization of five MyD88 duplication genes in Yesso scallop ( <i>Patinopecten yessoensis</i> ) and expression changes in response to bacterial challenge. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 46, 181-91	4.3	33
15	Characterizations and expression analyses of NF- $\kappa$ B and Rel genes in the Yesso scallop ( <i>Patinopecten yessoensis</i> ) suggest specific response patterns against Gram-negative infection in bivalves. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 44, 611-21	4.3	30
14	The genome-wide identification of mitogen-activated protein kinase kinase (MKK) genes in Yesso scallop <i>Patinopecten yessoensis</i> and their expression responses to bacteria challenges. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 45, 901-11	4.3	24
13	Genome-wide identification and characterization of TRAF genes in the Yesso scallop ( <i>Patinopecten yessoensis</i> ) and their distinct expression patterns in response to bacterial challenge. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 47, 545-55	4.3	23
12	Changes in global DNA methylation intensity and DNMT1 transcription during the aging process of scallop <i>Chlamys farreri</i> . <i>Journal of Ocean University of China</i> , <b>2015</b> , 14, 685-690	1	8
11	MethylRAD: a simple and scalable method for genome-wide DNA methylation profiling using methylation-dependent restriction enzymes. <i>Open Biology</i> , <b>2015</b> , 5,	7	65
10	The Rho GTPase Family Genes in Bivalvia Genomes: Sequence, Evolution and Expression Analysis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143932	3.7	4
9	Identification of two secreted ferritin subunits involved in immune defense of Yesso scallop <i>Patinopecten yessoensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2014</b> , 37, 53-9	4.3	31
8	Genome-wide analysis of DNA methylation in five tissues of Zhikong scallop, <i>Chlamys farreri</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e86232	3.7	27
7	Network analysis of oyster transcriptome revealed a cascade of cellular responses during recovery after heat shock. <i>PLoS ONE</i> , <b>2012</b> , 7, e35484	3.7	20
6	Characterization of 38 EST-derived SNP markers in Zhikong scallop ( <i>Chlamys farreri</i> ) and their cross-species utility in Yesso scallop ( <i>Patinopecten yessoensis</i> ). <i>Conservation Genetics Resources</i> , <b>2012</b> , 4, 747-753	0.8	10
5	Development of 44 gene-based SNP markers in Zhikong scallop, <i>Chlamys farreri</i> . <i>Conservation Genetics Resources</i> , <b>2011</b> , 3, 659-663	0.8	14
4	Initial analysis of tandemly repetitive sequences in the genome of Zhikong scallop ( <i>Chlamys farreri</i> Jones et Preston). <i>DNA Sequence</i> , <b>2008</b> , 19, 195-205		10
3	Chromosome rearrangements in Pectinidae (Bivalvia: Pteriomorpha) implied based on chromosomal localization of histone H3 gene in four scallops. <i>Genetica</i> , <b>2007</b> , 130, 193-8	1.5	33
2	Fosmid library construction and initial analysis of end sequences in Zhikong scallop ( <i>Chlamys farreri</i> ). <i>Marine Biotechnology</i> , <b>2007</b> , 9, 606-12	3.4	39

- 1 Cloning and characterization of tryptophan 2,3-dioxygenase gene of Zhikong scallop *Chlamys farreri* (Jones and Preston 1904). *Aquaculture Research*, **2006**, 37, 1187-1194 1.9 47