# Huan Liao

List of Publications by Year
in descending order



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|---|---|---|---|
| 19 papers | 636 citations | 1040056 9 h-index | 839539 18 g-index |
| 20 all docs | 20 docs citations | 20 times ranked | 869 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Scallop genome provides insights into evolution of bilaterian karyotype and development. Nature Ecology and Evolution, 2017, 1, 120. | 7.8 | 353 |
| 2 | Sea cucumber genome provides insights into saponin biosynthesis and aestivation regulation. Cell Discovery, 2018, 4, 29. | 6.7 | 71 |
| 3 | A Genome-Wide Association Study Identifies the Genomic Region Associated with Shell Color in Yesso Scallop, Patinopecten yessoensis. Marine Biotechnology, 2017, 19, 301-309. | 2.4 | 63 |
| 4 | Impact of Ocean Acidification on the Energy Metabolism and Antioxidant Responses of the Yesso Scallop (Patinopecten yessoensis). Frontiers in Physiology, 2018, 9, 1967. | 2.8 | 35 |
| 5 | Genome-wide identification, characterization and expression analyses of TLRs in Yesso scallop (Patinopecten yessoensis) provide insight into the disparity of responses to acidifying exposure in bivalves. Fish and Shellfish Immunology, 2017, 68, 280-288. | 3.6 | 21 |
| 6 | Transcriptomic Profiling Provides Insights into Inbreeding Depression in Yesso Scallop Patinopecten yessoensis. Marine Biotechnology, 2019, 21, 623-633. | 2.4 | 14 |
| 7 | An Integrated Genetic and Cytogenetic Map for Zhikong Scallop, Chlamys farreri, Based on Microsatellite Markers. PLoS ONE, 2014, 9, e92567. | 2.5 | 11 |
| 8 | Identification and characterization of TEP family genes in Yesso scallop (Patinopecten yessoensis) and their diverse expression patterns in response to bacterial infection. Fish and Shellfish Immunology, 2018, 79, 327-339. | 3.6 | 11 |
| 9 | Mapping toll-like receptor signaling pathway genes of Zhikong scallop (Chlamys farreri) with FISH. Journal of Ocean University of China, 2015, 14, 1075-1081. | 1.2 | 10 |
| 10 | Genome-wide identification, characterization of RLR genes in Yesso scallop (Patinopecten yessoensis) and functional regulations in responses to ocean acidification. Fish and Shellfish Immunology, 2020, 98, 488-498. | 3.6 | 8 |
| 11 | Alternative splicing, spatiotemporal expression of TEP family genes in Yesso scallop (Patinopecten) Tj ETQq1 1 0.784314 rgBT /Overlo<br>2019, 95, 203-212. | 3.6 | 7 |
| 12 | Chromosomal mapping of tandem repeats in the Yesso Scallop, Patinopecten yessoensis (Jay, 1857), utilizing fluorescence in situ hybridization. Comparative Cytogenetics, 2016, 10, 157-169. | 0.8 | 7 |
| 13 | A Molecular Cytogenetic Map of Scallop (Patinopecten yessoensis). Marine Biotechnology, 2019, 21, 731-742. | 2.4 | 6 |
| 14 | Structure and functional analysis reveal an important regulated role of arginine kinase in Patinopecten yessoensis under low pH stress. Aquatic Toxicology, 2020, 222, 105452. | 4.0 | 5 |
| 15 | Genome-wide association study reveals genetic variations associated with ocean acidification resilience in Yesso scallop Patinopecten yessoensis. Aquatic Toxicology, 2021, 240, 105963. | 4.0 | 5 |
| 16 | Identification, characterization and expression analyses of cholinesterases genes in Yesso scallop (Patinopecten yessoensis) reveal molecular function allocation in responses to ocean acidification. Aquatic Toxicology, 2021, 231, 105736. | 4.0 | 4 |
| 17 | Physical mapping of immune-related genes in Yesso scallop (Patinopecten yessoensis) using fluorescent in situ hybridization. Comparative Cytogenetics, 2016, 10, 529-541. | 0.8 | 3 |
| 18 | Identification, characterization and expression analyses of PC4 genes in Yesso scallop (Patinopecten) Tj ETQq0 0 0 rgBT /Overlock 10 Tf<br>2022, 244, 106099. | 4.0 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Genomic in situ hybridization in interspecific hybrids of scallops (Bivalvia, Pectinidae) and localization of the satellite DNA Cf303, and the vertebrate telomeric sequences (TTAGGG)n on chromosomes of scallop Chlamys farreri (Jones & Preston, 1904). Comparative Cytogenetics, 2018, 12, 83-95. | 0.8 | 0 |