

# Li-Sheng He

## List of Publications by Year in descending order

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37  
papers

649  
citations

687363

13  
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642732

23  
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37  
docs citations

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times ranked

778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology and genome of a snailfish from the Mariana Trench provide insights into deep-sea adaptation. <i>Nature Ecology and Evolution</i> , 2019, 3, 823-833.	7.8	99
2	Molecular adaptation in the world's deepest living animal: Insights from transcriptome sequencing of the hadal amphipod <i>Hirondellea gigas</i> . <i>Molecular Ecology</i> , 2017, 26, 3732-3743.	3.9	69
3	Phylogenomics of expanding uncultured environmental Tenericutes provides insights into their pathogenicity and evolutionary relationship with Bacilli. <i>BMC Genomics</i> , 2020, 21, 408.	2.8	65
4	Genomic characterization of symbiotic mycoplasmas from the stomach of deep-sea isopod <i>Bathynomus</i> sp. <i>Environmental Microbiology</i> , 2016, 18, 2646-2659.	3.8	49
5	The Enigmatic Genome of an Obligate Ancient Spiroplasma Symbiont in a Hadal Holothurian. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	38
6	Occurrence of Halogenated Organic Pollutants in Hadal Trenches of the Western Pacific Ocean. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15821-15828.	10.0	36
7	Genomic Characterization of a Novel Gut Symbiont From the Hadal Snailfish. <i>Frontiers in Microbiology</i> , 2019, 10, 2978.	3.5	29
8	Penetration of Bomb <sup>14</sup> C Into the Deepest Ocean Trench. <i>Geophysical Research Letters</i> , 2019, 46, 5413-5419.	4.0	22
9	Genomic Characterization of a Novel Tenericutes Bacterium from Deep-Sea Holothurian Intestine. <i>Microorganisms</i> , 2020, 8, 1874.	3.6	22
10	Geology, environment, and life in the deepest part of the world's oceans. <i>Innovation(China)</i> , 2021, 2, 100109.	9.1	21
11	Chemical Component and Proteomic Study of the Amphibalanus (= Balanus) amphitrite Shell. <i>PLoS ONE</i> , 2015, 10, e0133866.	2.5	19
12	Characterization of the mitochondrial genome of an ancient amphipod <i>Halice</i> sp. MT-2017 (Pardaliscidae) from 10,908 m in the Mariana Trench. <i>Scientific Reports</i> , 2019, 9, 2610.	3.3	16
13	Toward understanding barnacle cementing by characterization of one cement protein-100kDa in <i>Amphibalanus amphitrite</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 969-975.	2.1	16
14	Nitric oxide inhibits larval settlement in <i>Amphibalanus amphitrite</i> cyprids by repressing muscle locomotion and molting. <i>Proteomics</i> , 2015, 15, 3854-3864.	2.2	13
15	The complete mitochondrial genome of the largest amphipod, <i>Alicella gigantea</i> : Insight into its phylogenetic relationships and deep sea adaptive characters. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 570-577.	7.5	13
16	Comparative Transcriptomic Analysis Reveals Candidate Genes and Pathways Involved in Larval Settlement of the Barnacle <i>Megabalanus volcano</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 2253.	4.1	11
17	Molecular Characterization of a Novel N-Acetylneuraminase Lyase from a Deep-Sea Symbiotic Mycoplasma. <i>Marine Drugs</i> , 2018, 16, 80.	4.6	10
18	Insights into the Synthesis, Secretion and Curing of Barnacle Cyprid Adhesive via Transcriptomic and Proteomic Analyses of the Cement Gland. <i>Marine Drugs</i> , 2020, 18, 186.	4.6	10

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19	Secretory locations of SIPC in Amphibalanus amphitrite cyprids and a novel function of SIPC in biomineralization. Scientific Reports, 2016, 6, 29376.	3.3	9
20	siRNA transfection in the barnacle Amphibalanus amphitrite larvae. Journal of Experimental Biology, 2015, 218, 2505-9.	1.7	8
21	An evaluation of multiple annealing and looping based genome amplification using a synthetic bacterial community. Acta Oceanologica Sinica, 2016, 35, 131-136.	1.0	8
22	Insights into the strategy of micro-environmental adaptation: Transcriptomic analysis of two alvinocaridid shrimps at a hydrothermal vent. PLoS ONE, 2020, 15, e0227587.	2.5	8
23	Ontogeny reversal and phylogenetic analysis of <i>Turritopsis</i> sp.5 (Cnidaria, Hydrozoa). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 2.0	2.0	8
24	New species of the giant deep-sea isopod genus <i>Bathynomus</i> (Crustacea, Isopoda, Cirolanidae) from Hainan Island, South China Sea. Integrative Zoology, 2017, 12, 283-291.	2.6	7
25	p38 MAPK regulates PKA and CUB-serine protease in Amphibalanus amphitrite cyprids. Scientific Reports, 2015, 5, 14767.	3.3	5
26	Characterization of Arginine Kinase in the Barnacle <i>Amphibalanus Amphitrite</i> and Its Role in the Larval Settlement. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2016, 326, 237-249.	1.3	5
27	Composition and potential functions of the dominant microbiota in deep-sea hagfish gut from the South China Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2021, 169, 103488.	1.4	5
28	Unique tRNA gene profile suggests paucity of nucleotide modifications in anticodons of a deep-sea symbiotic Spiroplasma. Nucleic Acids Research, 2018, 46, 2197-2203.	14.5	4
29	Comparative Analysis of Intestinal Microflora Between Two Developmental Stages of Rimicaris kairei, a Hydrothermal Shrimp From the Central Indian Ridge. Frontiers in Microbiology, 2021, 12, 802888.	3.5	4
30	The complete mitochondrial genome of the deep-sea amphipod <i>Eurythenes magellanicus</i> (Crustacea: Amphipoda: Lysianassidae). Mitochondrial DNA Part B: Resources, 2020, 5, 337-339.	0.4	3
31	Rediscovery of the abyssal species Peniagone leander Pawson and Foell, 1986 (Holothuroidea). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 1.3	1.3	3
32	Insights into the vision of the hadal snailfish <i>Pseudoliparis swirei</i> through proteomic analysis of the eye. Proteomics, 2021, 21, e2100118.	2.2	3
33	Characteristics of Two Crustins from Alvinocaris longirostris in Hydrothermal Vents. Marine Drugs, 2021, 19, 600.	4.6	3
34	Sea trial and free-fall hydrodynamic research of a 7000-meter lander. , 2015, , .		2
35	“Unicorn from Hades”, a new genus of Mysidae (Malacostraca: Mysida) from the Mariana Trench, with a systematic analysis of the deep-sea mysids. Molecular Phylogenetics and Evolution, 2020, 143, 106666.	2.7	2
36	The complete mitochondrial genome of a new deep-sea hagfish Eptatretus sp. Nan-Hai (Myxinidae). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 20.4	0.4	2

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37	Carbon metabolism and adaptation of hyperalkaliphilic microbes in serpentinizing spring of Manleluag, the Philippines. <i>Environmental Microbiology Reports</i> , 2022, 14, 308-319.	2.4	2