

# Songhai Li

## List of Publications by Year in descending order

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106  
papers

1,628  
citations

279487

23  
h-index

433756

31  
g-index

117  
all docs

117  
docs citations

117  
times ranked

822  
citing authors

#	ARTICLE	IF	CITATIONS
1	Echolocation signals of the free-ranging Yangtze finless porpoise ( <i>Neophocaena phocaenoides</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	60
2	Comparison of stationary acoustic monitoring and visual observation of finless porpoises. Journal of the Acoustical Society of America, 2009, 125, 547-553.	0.5	54
3	Estimation of the detection probability for Yangtze finless porpoises ( <i>Neophocaena phocaenoides</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2008, 123, 4403-4411.	0.5	50
4	Seasonal changes in the local distribution of Yangtze finless porpoises related to fish presence. Marine Mammal Science, 2012, 28, 308-324.	0.9	49
5	Scanning sonar of rolling porpoises during prey capture dives. Journal of Experimental Biology, 2010, 213, 146-152.	0.8	48
6	Comparative genomics provides insights into the aquatic adaptations of mammals. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	43
7	Runs of homozygosity in killer whale genomes provide a global record of demographic histories. Molecular Ecology, 2021, 30, 6162-6177.	2.0	39
8	A passive acoustic monitoring method applied to observation and group size estimation of finless porpoises. Journal of the Acoustical Society of America, 2005, 118, 1180-1185.	0.5	38
9	Mid- to high-frequency noise from high-speed boats and its potential impacts on humpback dolphins. Journal of the Acoustical Society of America, 2015, 138, 942-952.	0.5	37
10	Density estimation of Yangtze finless porpoises using passive acoustic sensors and automated click train detection. Journal of the Acoustical Society of America, 2010, 128, 1435-1445.	0.5	36
11	Evoked-potential audiogram of the Yangtze finless porpoise <i>Neophocaena phocaenoides</i> <i>asiaeorientalis</i> (L). Journal of the Acoustical Society of America, 2005, 117, 2728-2731.	0.5	35
12	Monitoring of a Nearshore Small Dolphin Species Using Passive Acoustic Platforms and Supervised Machine Learning Techniques. Frontiers in Marine Science, 2020, 7, .	1.2	35
13	Echolocation click sounds from wild inshore finless porpoise ( <i>Neophocaena phocaenoides sunameri</i> ) with comparisons to the sonar of riverine <i>N. p. asiaeorientalis</i> . Journal of the Acoustical Society of America, 2007, 121, 3938.	0.5	31
14	First record of the Indo-Pacific humpback dolphins ( <i>Sousa chinensis</i> ) southwest of Hainan Island, China. Marine Biodiversity Records, 2016, 9, .	1.2	31
15	Possible age-related hearing loss (presbycusis) and corresponding change in echolocation parameters in a stranded Indo-Pacific humpback dolphin. Journal of Experimental Biology, 2013, 216, 4144-4153.	0.8	30
16	Distribution and Habitat Characteristics of the Indo-Pacific Humpback Dolphin ( <i>Sousa chinensis</i> ) in the Northern Beibu Gulf, China. Aquatic Mammals, 2017, 43, 219-228.	0.4	30
17	Fishers' knowledge as an information source to investigate bycatch of marine mammals in the South China Sea. Animal Conservation, 2017, 20, 182-192.	1.5	29
18	Echolocation signals of free-ranging Indo-Pacific humpback dolphins ( <i>Sousa chinensis</i> ) in Sanniang Bay, China. Journal of the Acoustical Society of America, 2015, 138, 1346-1352.	0.5	28

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19	Sounding the Call for a Global Library of Underwater Biological Sounds. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	28
20	Evoked-potential audiogram of an Indo-Pacific humpback dolphin ( <i>Sousa chinensis</i> ). <i>Journal of Experimental Biology</i> , 2012, 215, 3055-63.	0.8	27
21	The first chromosome-level genome for a marine mammal as a resource to study ecology and evolution. <i>Molecular Ecology Resources</i> , 2019, 19, 944-956.	2.2	27
22	Sonar gain control in echolocating finless porpoises ( <i>Neophocaena phocaenoides</i> ) in an open water. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 1803-1806.	0.5	25
23	Dolphin hearing during echolocation: evoked potential responses in an Atlantic bottlenose dolphin ( <i>Tursiops truncatus</i> ). <i>Journal of Experimental Biology</i> , 2011, 214, 2027-2035.	0.8	25
24	Population Size and Habitat Characteristics of the Indo-Pacific Humpback Dolphin ( <i>Sousa chinensis</i> ) Off Donsak, Surat Thani, Thailand. <i>Aquatic Mammals</i> , 2015, 41, 129-142.	0.4	25
25	An overview of cetacean stranding around Hainan Island in the South China Sea, 1978â€“2016: Implications for research, conservation and management. <i>Marine Policy</i> , 2019, 101, 147-153.	1.5	23
26	Yangtze finless porpoises along the main channel of Poyang Lake, China: Implications for conservation. <i>Marine Mammal Science</i> , 2015, 31, 612-628.	0.9	22
27	Cetaceans under threat in South China Sea. <i>Science</i> , 2020, 368, 1074-1075.	6.0	22
28	Humpback dolphins at risk of extinction. <i>Science</i> , 2020, 367, 1313-1314.	6.0	22
29	Localization and tracking of phonating finless porpoises using towed stereo acoustic data-loggers. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 468-475.	0.5	21
30	Acoustic property reconstruction of a pygmy sperm whale ( <i>Kogia breviceps</i> ) forehead based on computed tomography imaging. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 3129-3137.	0.5	21
31	Can local ecological knowledge provide meaningful information on coastal cetacean diversity? A case study from the northern South China Sea. <i>Ocean and Coastal Management</i> , 2019, 172, 117-127.	2.0	21
32	Origin of the double- and multi-pulse structure of echolocation signals in Yangtze finless porpoise ( <i>Neophocaena phocaenoides asiaeorientalis</i> ). <i>Journal of the Acoustical Society of America</i> , 2005, 118, 3934-3940.	0.5	19
33	Acoustic occurrence detection of a newly recorded Indo-Pacific humpback dolphin population in waters southwest of Hainan Island, China. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 3198-3204.	0.5	19
34	Modes of genetic adaptations underlying functional innovations in the rumen. <i>Science China Life Sciences</i> , 2021, 64, 1-21.	2.3	19
35	Widespread passive acoustic detection of Yangtze finless porpoise using miniature stereo acoustic data-loggers: A review. <i>Journal of the Acoustical Society of America</i> , 2010, 128, 1476-1482.	0.5	18
36	A pioneering survey of deep-diving and offshore cetaceans in the northern South China Sea. <i>Integrative Zoology</i> , 2021, 16, 440-450.	1.3	18

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37	The ontogeny of echolocation in a Yangtze finless porpoise ( <i>Neophocaena phocaenoides</i> ) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	0.5	17
38	INDIRECT EVIDENCE OF BOAT AVOIDANCE BEHAVIOR OF YANGTZE FINLESS PORPOISES. <i>Bioacoustics</i> , 2008, 17, 174-176.	0.7	17
39	Photo-identification comparison of four Indo-Pacific humpback dolphin populations off southeast China. <i>Integrative Zoology</i> , 2021, 16, 586-593.	1.3	17
40	Species diversity and spatiotemporal patterns based on cetacean stranding records in China, 1950-2018. <i>Science of the Total Environment</i> , 2022, 822, 153651.	3.9	17
41	Broadband ship noise and its potential impacts on Indo-Pacific humpback dolphins: Implications for conservation and management. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 2766-2775.	0.5	16
42	Genome Sequence of the Freshwater Yangtze Finless Porpoise. <i>Genes</i> , 2018, 9, 213.	1.0	16
43	Microbial diversity and structure in the gastrointestinal tracts of two stranded short-finned pilot whales ( <i>Globicephala macrorhynchus</i> ) and a pygmy sperm whale ( <i>Kogia breviceps</i> ). <i>Integrative Zoology</i> , 2021, 16, 324-335.	1.3	16
44	Hearing pathways in the Yangtze finless porpoise, <i>Neophocaena asiaorientalis asiaorientalis</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 444-52.	0.8	15
45	Influence of acoustic habitat variation on Indo-Pacific humpback dolphin ( <i>Sousa chinensis</i> ) in shallow waters of Hainan Island, China. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 3871-3882.	0.5	15
46	The Source Parameters of Echolocation Clicks from Captive and Free-Ranging Yangtze Finless Porpoises ( <i>Neophocaena asiaorientalis asiaorientalis</i> ). <i>PLoS ONE</i> , 2015, 10, e0129143.	1.1	15
47	An Indo-Pacific Humpback Dolphin Genome Reveals Insights into Chromosome Evolution and the Demography of a Vulnerable Species. <i>IScience</i> , 2020, 23, 101640.	1.9	14
48	Simultaneous production of low- and high-frequency sounds by neonatal finless porpoises. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 716-718.	0.5	13
49	Comparative Study of the Gut Microbiota Among Four Different Marine Mammals in an Aquarium. <i>Frontiers in Microbiology</i> , 2021, 12, 769012.	1.5	13
50	Variation in the production rate of biosonar signals in freshwater porpoises. <i>Journal of the Acoustical Society of America</i> , 2013, 133, 3128-3134.	0.5	12
51	Whistles emitted by Indo-Pacific humpback dolphins ( <i>Sousa chinensis</i> ) in Zhanjiang waters, China. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 3289-3298.	0.5	12
52	Diel differences in blue whale ( <i>Balaenoptera musculus</i> ) dive behavior increase nighttime risk of ship strikes in northern Chilean Patagonia. <i>Integrative Zoology</i> , 2020, 16, 594-611.	1.3	12
53	First live sighting of Deraniyagala's beaked whale ( <i>Mesoplodon hotaula</i> ) or ginkgo-toothed beaked whale ( <i>Mesoplodon ginkgodens</i> ) in the western Pacific (South China Sea) with preliminary data on coloration, natural markings, and surfacing patterns. <i>Integrative Zoology</i> , 2021, 16, 451-461.	1.3	12
54	Do Porpoises Choose Their Associates? A New Method for Analyzing Social Relationships among Cetaceans. <i>PLoS ONE</i> , 2011, 6, e28836.	1.1	11

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55	Fishers' experiences and perceptions of marine mammals in the South China Sea: Insights for improving community-based conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 809-819.	0.9	11
56	Food risk trade-off in the Indo-Pacific humpback dolphin: An exploratory case study. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 860-867.	0.9	11
57	Early divergence and differential population histories of the Indo-Pacific humpback dolphin in the Pacific and Indian Oceans. <i>Integrative Zoology</i> , 2021, 16, 612-625.	1.3	11
58	Auditory temporal resolution and evoked responses to pulsed sounds for the Yangtze finless porpoises ( <i>Neophocaena phocaenoides asiaeorientalis</i> ). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2011, 197, 1149-1158.	0.7	10
59	Passive acoustic survey of Yangtze finless porpoises using a cargo ship as a moving platform. <i>Journal of the Acoustical Society of America</i> , 2011, 130, 2285-2292.	0.5	9
60	Echolocation signals of free-ranging pantropical spotted dolphins ( <i>Stenella attenuata</i> ) in the South China Sea. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 3480-3487.	0.5	9
61	Determining spatial use of the world's second largest humpback dolphin population: Implications for place-based conservation and management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 364-374.	0.9	9
62	Long-term and large-scale spatiotemporal patterns of soundscape in a tropical habitat of the Indo-Pacific humpback dolphin ( <i>Sousa chinensis</i> ). <i>PLoS ONE</i> , 2020, 15, e0236938.	1.1	9
63	Lack of knowledge threatens beaked whales. <i>Science</i> , 2021, 371, 791-791.	6.0	9
64	Whistle characteristics of a newly recorded Indo-Pacific humpback dolphin ( <i>Sousa chinensis</i> ) population in waters southwest of Hainan Island, China, differ from other humpback dolphin populations. <i>Marine Mammal Science</i> , 2021, 37, 1341-1362.	0.9	9
65	The influence of air-filled structures on wave propagation and beam formation of a pygmy sperm whale ( <i>Kogia breviceps</i> ) in horizontal and vertical planes. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 2443-2453.	0.5	8
66	Potential impacts of shipping noise on Indo-Pacific humpback dolphins and implications for regulation and mitigation: a review. <i>Integrative Zoology</i> , 2018, 13, 495-506.	1.3	8
67	The biogeography of group sizes in humpback dolphins ( <i>Sousa</i> spp.). <i>Integrative Zoology</i> , 2021, 16, 527-537.	1.3	8
68	An integrated strategy for monitoring cetaceans in data-poor regions. <i>Biological Conservation</i> , 2022, 272, 109648.	1.9	8
69	Temporal variation of the underwater soundscape in Jiaotou Bay, an Indo-Pacific humpback dolphin ( <i>Sousa chinensis</i> ) habitat off Hainan Island, China. <i>Integrative Zoology</i> , 2021, 16, 477-498.	1.3	7
70	Intra-Population Variability in Group Size of Indo-Pacific Humpback Dolphins ( <i>Sousa chinensis</i> ). <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	7
71	Hearing Sensation Levels of Emitted Biosonar Clicks in an Echolocating Atlantic Bottlenose Dolphin. <i>PLoS ONE</i> , 2012, 7, e29793.	1.1	7
72	Group Sizes of Indo-Pacific Humpback Dolphins in Waters Southwest of Hainan Island, China: Insights into Rare Records of Large Groups. <i>Aquatic Mammals</i> , 2020, 46, 259-265.	0.4	7

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73	Spatial orientation of different frequencies within the echolocation beam of a <i>Tursiops truncatus</i> and <i>Pseudorca crassidens</i> . <i>Journal of the Acoustical Society of America</i> , 2012, 132, 1213-1221.	0.5	6
74	Simultaneous detection of five pathogenic <i>Vibrio</i> species in seafood by a multiplex polymerase chain reaction coupled with high performance liquid chromatography assay. <i>Food Control</i> , 2015, 53, 109-116.	2.8	6
75	Acoustic beam control in biomimetic projector via velocity gradient. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	6
76	Acoustic recordings of rough-toothed dolphin ( <i>Steno bredanensis</i> ) offshore Eastern Sicily (Mediterranean Sea). <i>Journal of the Acoustical Society of America</i> , 2019, 146, EL286-EL292.	0.5	6
77	The First Attempt of Satellite Tracking on Occurrence and Migration of Bryde's Whale ( <i>Balaenoptera</i> )	1.2	6
78	Gut Microbial Characterization of Melon-Headed Whales ( <i>Peponocephala electra</i> ) Stranded in China. <i>Microorganisms</i> , 2022, 10, 572.	1.6	6
79	Evidence of interactions between sharks and Indo-Pacific humpback dolphins ( <i>Sousa</i> )	0.9	6
80	In-air vocal repertoires of spotted seals, <i>Phoca largha</i> . <i>Journal of the Acoustical Society of America</i> , 2016, 140, 1101-1107.	0.5	5
81	The echolocation transmission beam of free-ranging Indo-Pacific humpback dolphins ( <i>Sousa</i> )	0.5	5
82	Stock enhancement of <i>Culter mongolicus</i> : Assessment of growth, recapture and release size in the Yangtze lakes. <i>Fisheries Research</i> , 2021, 234, 105809.	0.9	5
83	Sea turtle demand in China threatens the survival of wild populations. <i>IScience</i> , 2021, 24, 102517.	1.9	5
84	Numerical-modeling-based investigation of sound transmission and reception in the short-finned pilot whale ( <i>Globicephala macrorhynchus</i> ). <i>Journal of the Acoustical Society of America</i> , 2021, 150, 225-232.	0.5	5
85	Sexual maturity, seasonal estrus, and gestation in female Indo-Pacific bottlenose dolphins <i>Tursiops aduncus</i> inferred from serum reproductive hormones. <i>Integrative Zoology</i> , 2020, 16, 575-585.	1.3	4
86	Cetacean occurrence and diversity in whale-watching waters off Mirissa, Southern Sri Lanka. <i>Integrative Zoology</i> , 2021, 16, 462-476.	1.3	4
87	Modelling habitat suitability of the Indo-Pacific humpback dolphin using artificial neural network: The influence of shipping. <i>Ecological Informatics</i> , 2021, 62, 101274.	2.3	4
88	Identification and genome analysis of a novel picornavirus from captive belugas ( <i>Delphinapterus</i> )	1.6	4
89	Spatiotemporal variations in fine-scale habitat use of the world's second largest population of humpback dolphins. <i>Journal of Mammalogy</i> , 2021, 102, 384-395.	0.6	3
90	Group Size of Indo-Pacific Humpback Dolphins ( <i>Sousa chinensis</i> ): An Examination of Methodological and Biogeographical Variances. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3

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91	Efficiency and Effect Evaluation of Remote Biopsy Sampling on Indo-Pacific Humpback Dolphins ( <i>Sousa</i> ) Tj ETQq1 1,0,784314 rgBT /Ove	0.4	3
92	Acoustic properties of a short-finned pilot whale head with insight into temperature influence on tissues' sound velocity. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 1901-1912.	0.5	2
93	Research on whales, dolphins, and porpoises. <i>Integrative Zoology</i> , 2021, 16, 434-439.	1.3	2
94	Sperm whales ( <i>Physeter macrocephalus</i> ) in the northern South China Sea: Evidence of a nursing ground?. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022, 184, 103767.	0.6	2
95	A stereo acoustic event recorder for monitoring abundance and movements of dolphins and porpoises. , 2011, , .		1
96	Auditory Brain Stem Responses Associated with Echolocation in an Atlantic Bottlenose Dolphin ( <i>Tursiops truncatus</i> ). <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 45-47.	0.8	1
97	Reply to "Misuse of molecular tools results in misleading dates for the ancestor of the Indo-Pacific humpback dolphin" by Chen. <i>Marine Mammal Science</i> , 2022, 38, 395-399.	0.9	1
98	Acoustic Monitoring of Echolocating Porpoises. , 2006, , .		0
99	Biosonar, hearing and noise effect on the Indo-Pacific humpback dolphins ( <i>Sousa chinensis</i> ). <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	0
100	Likely Age-Related Hearing Loss (Presbycusis) in a Stranded Indo-Pacific Humpback Dolphin ( <i>Sousa</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	0
101	Block Sparsity Based Chirp Transform for Modeling Marine Mammal Whistle Calls. , 2020, , .		0
102	Monitoring Local Migration of Yangtze Finless Porpoises by Acoustic Gate. <i>The Journal of the Marine Acoustics Society of Japan</i> , 2007, 34, 260-265.	0.2	0
103	Comparative Analyses of 35 Marine Mammal Genomes Provide Insights into the Evolution of Aquatic Life. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
104	Aging and Seasonal Serum Cortisol Concentrations in Captive Spotted Seals ( <i>Phoca largha</i> ) from the Liaodong Bay Colony. <i>Aquatic Mammals</i> , 2020, 46, 266-273.	0.4	0
105	Blubber fatty acid compositions in different geographic populations of finless porpoise in Chinese waters: implications for thermal adaptation. <i>Integrative Zoology</i> , 2021, , .	1.3	0
106	Reply to Gaudry etÂal.: Cross-validation is necessary for the identification of pseudogenes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120427119.	3.3	0