

Songhai Li

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.

91
papers

953
citations

19
h-index

25
g-index

117
ext. papers

1,359
ext. citations

3.8
avg, IF

4.39
L-index

#	Paper	IF	Citations
91	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	1.9	0
90	Sounding the Call for a Global Library of Underwater Biological Sounds. <i>Frontiers in Ecology and Evolution</i> , 2022 , 10,	3.7	7
89	Species diversity and spatiotemporal patterns based on cetacean stranding records in China, 1950-2018.. <i>Science of the Total Environment</i> , 2022 , 822, 153651	10.2	1
88	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	2.5	0
87	Identification and genome analysis of a novel picornavirus from captive belugas (<i>Delphinapterus leucas</i>) in China. <i>Scientific Reports</i> , 2021 , 11, 21018	4.9	0
86	Comparative Study of the Gut Microbiota Among Four Different Marine Mammals in an Aquarium. <i>Frontiers in Microbiology</i> , 2021 , 12, 769012	5.7	1
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> , 2021 , 16, 575-585	1.9	0
84	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> , 2021 , 16, 594-611	1.9	4
83	A pioneering survey of deep-diving and off-shore cetaceans in the northern South China Sea. <i>Integrative Zoology</i> , 2021 , 16, 440-450	1.9	4
82	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	1.9	3
81	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	1.9	7
80	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	1.9	0
79	Cetacean occurrence and diversity in whale-watching waters off Mirissa, Southern Sri Lanka. <i>Integrative Zoology</i> , 2021 , 16, 462-476	1.9	0
78	Photo-identification comparison of four Indo-Pacific humpback dolphin populations off southeast China. <i>Integrative Zoology</i> , 2021 , 16, 586-593	1.9	4
77	The biogeography of group sizes in humpback dolphins (<i>Sousa</i> spp.). <i>Integrative Zoology</i> , 2021 , 16, 527-537	1.9	1
76	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	1.9	1
75	Modelling habitat suitability of the Indo-Pacific humpback dolphin using artificial neural network: The influence of shipping. <i>Ecological Informatics</i> , 2021 , 62, 101274	4.2	2

74	Sea turtle demand in China threatens the survival of wild populations. <i>iScience</i> , 2021 , 24, 102517	6.1	2
73	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	2.2	2
72	The First Attempt of Satellite Tracking on Occurrence and Migration of Bryde's Whale (<i>Balaenoptera edeni</i>) in the Beibu Gulf. <i>Journal of Marine Science and Engineering</i> , 2021 , 9, 796	2.4	1
71	Modes of genetic adaptations underlying functional innovations in the rumen. <i>Science China Life Sciences</i> , 2021 , 64, 1-21	8.5	7
70	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	2.3	3
69	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	1.9	3
68	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	1.8	1
67	Lack of knowledge threatens beaked whales. <i>Science</i> , 2021 , 371, 791	33.3	5
66	Runs of homozygosity in killer whale genomes provide a global record of demographic histories. <i>Molecular Ecology</i> , 2021 , 30, 6162-6177	5.7	6
65	Comparative genomics provides insights into the aquatic adaptations of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
64	Cetaceans under threat in South China Sea. <i>Science</i> , 2020 , 368, 1074-1075	33.3	6
63	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	2.2	5
62	Humpback dolphins at risk of extinction. <i>Science</i> , 2020 , 367, 1313-1314	33.3	15
61	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	2.6	5
60	Monitoring of a Nearshore Small Dolphin Species Using Passive Acoustic Platforms and Supervised Machine Learning Techniques. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	14
59	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	2.6	4
58	An Indo-Pacific Humpback Dolphin Genome Reveals Insights into Chromosome Evolution and the Demography of a Vulnerable Species. <i>iScience</i> , 2020 , 23, 101640	6.1	8
57	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	3.7	4

56	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	2.2	4
55	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	2.2	9
54	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	2.6	3
53	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	8.4	15
52	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	2.2	4
51	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	3.9	10
50	An overview of cetacean stranding around Hainan Island in the South China Sea, 1978-2016: Implications for research, conservation and management. <i>Marine Policy</i> , 2019 , 101, 147-153	3.5	7
49	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	1.9	4
48	Genome Sequence of the Freshwater Yangtze Finless Porpoise. <i>Genes</i> , 2018 , 9,	4.2	7
47	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	2.2	2
46	The echolocation transmission beam of free-ranging Indo-Pacific humpback dolphins (<i>Sousa chinensis</i>). <i>Journal of the Acoustical Society of America</i> , 2017 , 142, 771	2.2	2
45	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	2.2	13
44	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	2.2	5
43	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	2.2	14
42	Fishers' knowledge as an information source to investigate bycatch of marine mammals in the South China Sea. <i>Animal Conservation</i> , 2017 , 20, 182-192	3.2	20
41	Distribution and Habitat Characteristics of the Indo-Pacific Humpback Dolphin (<i>Sousa chinensis</i>) in the Northern Beibu Gulf, China. <i>Aquatic Mammals</i> , 2017 , 43, 219-228	3.1	23
40	Likely Age-Related Hearing Loss (Presbycusis) in a Stranded Indo-Pacific Humpback Dolphin (<i>Sousa chinensis</i>). <i>Advances in Experimental Medicine and Biology</i> , 2016 , 875, 623-9	3.6	
39	Acoustic beam control in biomimetic projector via velocity gradient. <i>Applied Physics Letters</i> , 2016 , 109, 013505	3.4	5

38	In-air vocal repertoires of spotted seals, <i>Phoca largha</i> . <i>Journal of the Acoustical Society of America</i> , 2016 , 140, 1101	2.2	3
37	First record of the Indo-Pacific humpback dolphins (<i>Sousa chinensis</i>) southwest of Hainan Island, China. <i>Marine Biodiversity Records</i> , 2016 , 9,	2	23
36	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	6.2	6
35	Echolocation signals of free-ranging Indo-Pacific humpback dolphins (<i>Sousa chinensis</i>) in Sanniang Bay, China. <i>Journal of the Acoustical Society of America</i> , 2015 , 138, 1346-52	2.2	20
34	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, 3129-37	2.2	15
33	Mid- to high-frequency noise from high-speed boats and its potential impacts on humpback dolphins. <i>Journal of the Acoustical Society of America</i> , 2015 , 138, 942-52	2.2	25
32	Yangtze finless porpoises along the main channel of Poyang Lake, China: Implications for conservation. <i>Marine Mammal Science</i> , 2015 , 31, 612-628	1.9	13
31	The Source Parameters of Echolocation Clicks from Captive and Free-Ranging Yangtze Finless Porpoises (<i>Neophocaena asiaeorientalis asiaeorientalis</i>). <i>PLoS ONE</i> , 2015 , 10, e0129143	3.7	6
30	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	3.1	21
29	Hearing pathways in the Yangtze finless porpoise, <i>Neophocaena asiaeorientalis asiaeorientalis</i> . <i>Journal of Experimental Biology</i> , 2014 , 217, 444-52	3	13
28	Variation in the production rate of biosonar signals in freshwater porpoises. <i>Journal of the Acoustical Society of America</i> , 2013 , 133, 3128-34	2.2	7
27	Possible age-related hearing loss (presbycusis) and corresponding change in echolocation parameters in a stranded Indo-Pacific humpback dolphin. <i>Journal of Experimental Biology</i> , 2013 , 216, 4144-53	3	24
26	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, 1213-21	2.2	6
25	Evoked-potential audiogram of an Indo-Pacific humpback dolphin (<i>Sousa chinensis</i>). <i>Journal of Experimental Biology</i> , 2012 , 215, 3055-63	3	23
24	Seasonal changes in the local distribution of Yangtze finless porpoises related to fish presence. <i>Marine Mammal Science</i> , 2012 , 28, 308-324	1.9	37
23	Hearing sensation levels of emitted biosonar clicks in an echolocating Atlantic bottlenose dolphin. <i>PLoS ONE</i> , 2012 , 7, e29793	3.7	6
22	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, 45-7	3.6	
21	Dolphin hearing during echolocation: evoked potential responses in an Atlantic bottlenose dolphin (<i>Tursiops truncatus</i>). <i>Journal of Experimental Biology</i> , 2011 , 214, 2027-35	3	23

20	Do porpoises choose their associates? A new method for analyzing social relationships among cetaceans. <i>PLoS ONE</i> , 2011 , 6, e28836	3.7	7
19	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, 1149-58	2.3	8
18	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, 2285-92	2.2	7
17	Scanning sonar of rolling porpoises during prey capture dives. <i>Journal of Experimental Biology</i> , 2010 , 213, 146-52	3	42
16	Density estimation of Yangtze finless porpoises using passive acoustic sensors and automated click train detection. <i>Journal of the Acoustical Society of America</i> , 2010 , 128, 1435-45	2.2	29
15	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, 1476-82	2.2	10
14	Localization and tracking of phonating finless porpoises using towed stereo acoustic data-loggers. <i>Journal of the Acoustical Society of America</i> , 2009 , 126, 468-75	2.2	17
13	Comparison of stationary acoustic monitoring and visual observation of finless porpoises. <i>Journal of the Acoustical Society of America</i> , 2009 , 125, 547-53	2.2	41
12	Simultaneous production of low- and high-frequency sounds by neonatal finless porpoises. <i>Journal of the Acoustical Society of America</i> , 2008 , 124, 716-8	2.2	8
11	INDIRECT EVIDENCE OF BOAT AVOIDANCE BEHAVIOR OF YANGTZE FINLESS PORPOISES. <i>Bioacoustics</i> , 2008 , 17, 174-176	1.6	11
10	Estimation of the detection probability for Yangtze finless porpoises (<i>Neophocaena phocaenoides asiaeorientalis</i>) with a passive acoustic method. <i>Journal of the Acoustical Society of America</i> , 2008 , 123, 4403-11	2.2	36
9	The ontogeny of echolocation in a Yangtze finless porpoise (<i>Neophocaena phocaenoides asiaeorientalis</i>). <i>Journal of the Acoustical Society of America</i> , 2007 , 122, 715-8	2.2	14
8	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> . <i>Journal of the Acoustical Society of America</i> , 2007 , 121, 3938-46	2.2	21
7	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	
6	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, 1803-6	2.2	21
5	Echolocation signals of the free-ranging Yangtze finless porpoise (<i>Neophocaena phocaenoides asiaeorientalis</i>). <i>Journal of the Acoustical Society of America</i> , 2005 , 117, 3288-96	2.2	47
4	Evoked-potential audiogram of the Yangtze finless porpoise <i>Neophocaena phocaenoides asiaeorientalis</i> . <i>Journal of the Acoustical Society of America</i> , 2005 , 117, 2728-31	2.2	29
3	A passive acoustic monitoring method applied to observation and group size estimation of finless porpoises. <i>Journal of the Acoustical Society of America</i> , 2005 , 118, 1180-5	2.2	27

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| 2 | 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, 3934-40 | 2.2 | 17 |
| 1 | Tracing the origin of a new organ by inferring the genetic basis of rumen evolution | | 1 |