Jonas Teilmann

List of Publications by Year
in descending order

129	4,882	101496	118793
papers	citations	36 h-index	62 g-index

133	133	133	3611
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cetacean abundance and distribution in European Atlantic shelf waters to inform conservation and management. Biological Conservation, 2013, 164, 107-122.	1.9	314
2	The 1988 and 2002 phocine distemper virus epidemics in European harbour seals. Diseases of Aquatic Organisms, 2006, 68, 115-130.	0.5	215
3	Ultra-High Foraging Rates of Harbor Porpoises Make Them Vulnerable to Anthropogenic Disturbance. Current Biology, 2016, 26, 1441-1446.	1.8	210
4	Impacts of offshore wind farm construction on harbour porpoises: acoustic monitoring of echolocation activity using porpoise detectors (T-PODs). Marine Ecology - Progress Series, 2006, 321, 295-308.	0.9	185
5	Pile driving zone of responsiveness extends beyond 20 km for harbor porpoises (Phocoena) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.5	170
6	All at sea with animal tracks; methodological and analytical solutions for the resolution of movement. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 193-210.	0.6	131
7	High rates of vessel noise disrupt foraging in wild harbour porpoises (Phocoena phocoena). Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172314.	1.2	130
8	Age determination of european harbour seal,Phoca VitulinaL.. Sarsia, 1991, 76, 17-21.	0.5	111
9	Modelling spatial patterns in harbour porpoise satellite telemetry data using maximum entropy. Ecography, 2010, 33, 698-708.	2.1	97
10	Comparison of echolocation behaviour between coastal and riverine porpoises. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 290-297.	0.6	93
11	Highâ€density areas for harbor porpoises (Phocoena phocoena) identified by satellite tracking. Marine Mammal Science, 2011, 27, 230-246.	0.9	93
12	Environmental benefits of leaving offshore infrastructure in the ocean. Frontiers in Ecology and the Environment, 2018, 16, 571-578.	1.9	93
13	From echolocation clicks to animal densityâ€”Acoustic sampling of harbor porpoises with static dataloggers. Journal of the Acoustical Society of America, 2012, 131, 550-560.	0.5	90
14	Harbour porpoises (Phocoena phocoena) and wind farms: a case study in the Dutch North Sea. Environmental Research Letters, 2011, 6, 025102.	2.2	89
15	Click communication in wild harbour porpoises (Phocoena phocoena). Scientific Reports, 2018, 8, 9702.	1.6	86
16	Predicting the impacts of anthropogenic disturbances on marine populations. Conservation Letters, 2018, 11, e12563.	2.8	79
17	A field effort to capture critically endangered vaquitas Phocoena sinus for protection from entanglement in illegal gillnets. Endangered Species Research, 2019, 38, 11-27.	1.2	77
18	PFAS profiles in three North Sea top predators: metabolic differences among species?. Environmental Science and Pollution Research, 2013, 20, 8013-8020.	2.7	69

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19	Effects of noise and by-catch on a Danish harbour porpoise population. Ecological Modelling, 2014, 272, 242-251.	1.2	68
20	High field metabolic rates of wild harbour porpoises. Journal of Experimental Biology, 2018, 221, .	0.8	66
21	Negative long term effects on harbour porpoises from a large scale offshore wind farm in the Balticâ€"evidence of slow recovery. Environmental Research Letters, 2012, 7, 045101.	2.2	61
22	Mitochondrial Control Region and microsatellite analyses on harbour porpoise (Phocoena phocoena) unravel population differentiation in the Baltic Sea and adjacent waters. Conservation Genetics, 2010, 11, 195-211.	0.8	60
23	Biosonar, dive, and foraging activity of satellite tracked harbor porpoises (Phocoena) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.9	60
24	Behaviour of ringed seals tagged with satellite transmitters in the North Water polynya during fast-ice formation. Canadian Journal of Zoology, 1999, 77, 1934-1946.	0.4	59
25	Basin-scale distribution of harbour porpoises in the Baltic Sea provides basis for effective conservation actions. Biological Conservation, 2018, 226, 42-53.	1.9	57
26	Reference genome and demographic history of the most endangered marine mammal, the vaquita. Molecular Ecology Resources, 2021, 21, 1008-1020.	2.2	54
27	Defining management units for cetaceans by combining genetics, morphology, acoustics and satellite tracking. Global Ecology and Conservation, 2015, 3, 839-850.	1.0	52
28	REACTIONS OF CAPTIVE HARBOR PORPOISES (PHOCOENA PHOCOENA) TO PINGER-LIKE SOUNDS. Marine Mammal Science, 2006, 22, 240-260.	0.9	50
29	Shipboard measurements of the hearing of the white-beaked dolphin Lagenorhynchus albirostris. Journal of Experimental Biology, 2008, 211, 642-647.	0.8	47
30	Integrating genetic data and population viability analyses for the identification of harbour seal (<scp>P</scp>hoca vitulina) populations and management units. Molecular Ecology, 2014, 23, 815-831.	2.0	47
31	Population structure of harbour porpoises in the Baltic region: evidence of separation based on geometric morphometric comparisons. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 1669-1676.	0.4	46
32	Correlation between the seasonal distribution of harbour porpoises and their prey in the Sound, Baltic Sea. Marine Biology, 2012, 159, 1029-1037.	0.7	46
33	Oceanic movements, site fidelity and deep diving in harbour porpoises from Greenland show limited similarities to animals from the North Sea. Marine Ecology - Progress Series, 2018, 597, 259-272.	0.9	46
34	How a simple adaptive foraging strategy can lead to emergent home ranges and increased food intake. Oikos, 2013, 122, 1307-1316.	1.2	44
35	Spatial interactions between marine predators and their prey: herring abundance as a driver for the distributions of mackerel and harbour porpoise. Marine Ecology - Progress Series, 2012, 468, 245-253.	0.9	42
36	Longâ€term sound and movement recording tags to study natural behavior and reaction to ship noise of seals. Ecology and Evolution, 2019, 9, 2588-2601.	0.8	42

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37	Harbour porpoise (Phocoena phocoena) static acoustic monitoring: laboratory detection thresholds of T-PODs are reflected in field sensitivity. Journal of the Marine Biological Association of the United Kingdom, 2008, 88, 1085-1091.	0.4	40
38	Investigation of mercury concentrations in fur of phocid seals using stable isotopes as tracers of trophic levels and geographical regions. Polar Biology, 2011, 34, 1411-1420.	0.5	38
39	Behavioural responses of harbour seals to humanâ€induced disturbances. Aquatic Conservation: Marine and Freshwater Ecosystems, 2012, 22, 113-121.	0.9	37
40	Status of grey seals along mainland Europe from the Southwestern Baltic to France. NAMMCO Scientific Publications, 0, 6, 57.	0.0	37
41	Classifying grey seal behaviour in relation to environmental variability and commercial fishing activity - a multivariate hidden Markov model. Scientific Reports, 2019, 9, 5642.	1.6	36
42	Age- and Sex-Specific Mortality Patterns in an Emerging Wildlife Epidemic: The Phocine Distemper in European Harbour Seals. PLoS ONE, 2007, 2, e887.	1.1	35
43	Evaluation of immune and stress status in harbour porpoises (Phocoena phocoena): can hormones and mRNA expression levels serve as indicators to assess stress?. BMC Veterinary Research, 2013, 9, 145.	0.7	35
44	Movements and site fidelity of harbour seals (Phoca vitulina) in Kattegat, Denmark, with implications for the epidemiology of the phocine distemper virus. ICES Journal of Marine Science, 2013, 70, 186-195.	1.2	32
45	Diet of seals in the Baltic Sea region: a synthesis of published and new data from 1968 to 2013. ICES Journal of Marine Science, 2019, 76, 284-297.	1.2	32
46	Re-established stony reef attracts harbour porpoises Phocoena phocoena. Marine Ecology - Progress Series, 2013, 481, 239-248.	0.9	32
47	Environmental DNA captures the genetic diversity of bowhead whales (Balaena mysticetus) in West Greenland. Environmental DNA, 2021, 3, 248-260.	3.1	31
48	Harbour seal spatial distribution estimated from Argos satellite telemetry: overcoming positioning errors Jakob Tougaard1,*, Jonas Teilmann1, Svend Tougaard2. Endangered Species Research, 2008, 4, 113-122.	1.2	31
49	Two Single Nucleotide Polymorphisms in the CYP17 and COMT Genesâ€"Relation to Bone Mass and Longitudinal Bone Changes in Postmenopausal Women with or without Hormone Replacement Therapy. Calcified Tissue International, 2004, 75, 123-132.	1.5	29
50	Stress level in wild harbour porpoises (Phocoena phocoena) during satellite tagging measured by respiration, heart rate and cortisol. Journal of the Marine Biological Association of the United Kingdom, 2009, 89, 885-892.	0.4	29
51	Environmental impact of wind energy. Environmental Research Letters, 2013, 8, 035001.	2.2	29
52	Possible Causes of a Harbour Porpoise Mass Stranding in Danish Waters in 2005. PLoS ONE, 2013, 8, e55553.	1.1	29
53	An Index of the Relative Abundance of Wintering Belugas,Delphinapterus leucas, and Narwhals,Monodon monoceros, off West Greenland. Canadian Journal of Fisheries and Aquatic Sciences, 1993, 50, 2323-2335.	0.7	28
54	Abundance of harbour porpoises (Phocoena phocoena) in the western Baltic, Belt Seas and Kattegat. Marine Biology, 2014, 161, 745-754.	0.7	28

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55	Influence of offshore oil and gas structures on seascape ecological connectivity. Global Change Biology, 2022, 28, 3515-3536.	4.2	28
56	Fine-scale movement responses of free-ranging harbour porpoises to capture, tagging and short-term noise pulses from a single airgun. Royal Society Open Science, 2018, 5, 170110.	1.1	27
57	Diet of harbour seals and great cormorants in Limfjord, Denmark: interspecific competition and interaction with fishery. ICES Journal of Marine Science, 2007, 64, 1235-1245.	1.2	25
58	Shift of grey seal subspecies boundaries in response to climate, culling and conservation. Molecular Ecology, 2016, 25, 4097-4112.	2.0	25
59	A risk assessment of the effects of mercury on Baltic Sea, Greater North Sea and North Atlantic wildlife, fish and bivalves. Environment International, 2021, 146, 106178.	4.8	25
60	Status of the harbour seal (Phoca vitulina) in Southern Scandinavia. NAMMCO Scientific Publications, 0, 8, 77.	0.0	25
61	HAUL-OUT ACTIVITY OF RINGED SEALS (PHOCA HISPIDA) DETERMINED FROM SATELLITE TELEMETRY. Marine Mammal Science, 2002, 18, 167-181.	0.9	24
62	Acoustic surveys confirm the high-density areas of harbour porpoises found by satellite tracking. ICES Journal of Marine Science, 2011, 68, 929-936.	1.2	24
63	Health assessment of harbour porpoises (PHOCOENA PHOCOENA) from Baltic area of Denmark, Germany, Poland and Latvia. Environment International, 2020, 143, 105904.	4.8	24
64	Animal tag technology keeps coming of age: an engineering perspective. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200229.	1.8	24
65	Abundance and distribution of harbour porpoisesPhocoena phocoena in selected areas of the western Baltic and the North sea. HelgolâˆšÂ§nder Meeresuntersuchungen, 1993, 47, 335-346.	0.2	23
66	Biosonar, diving and movements of two tagged white-beaked dolphin in Icelandic waters. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 88-89, 97-105.	0.6	23
67	Harbor Porpoise (Phocoena phocoena) Reaction to a 3D Seismic Airgun Survey in the North Sea. Frontiers in Marine Science, 2020, 6, .	1.2	23
68	Movements of walruses (<i>Odobenus rosmarus</i>) between Central West Greenland and Southeast Baffin Island, 2005-2008. NAMMCO Scientific Publications, 0, 9, 53.	0.0	23
69	Response to â€œResilience of harbor porpoises to anthropogenic disturbance: Must they really feed continuously?â€• Marine Mammal Science, 2018, 34, 265-270.	0.9	22
70	Environmental drivers of harbour porpoise fine-scale movements. Marine Biology, 2018, 165, 95.	0.7	21
71	Echoes from the past: Regional variations in recovery within a harbour seal population. PLoS ONE, 2018, 13, e0189674.	1.1	21
72	Optimizing survey design for Scandinavian harbour seals: population trend as an ecological quality element. ICES Journal of Marine Science, 2010, 67, 952-958.	1.2	20

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73	Harbour porpoise (Phocoena phocoena) densities obtained from aerial surveys north of Fyn and in the Bay of Kiel. Ophelia, 1992, 35, 133-146.	0.3	19
74	Status of the harbour porpoise in Greenland. Polar Biology, 1998, 19, 211-220.	0.5	19
75	Developing a new research tool for use in free-ranging cetaceans: recovering cortisol from harbour porpoise skin. , 2015, 3, cov016.		19
76	Limited use of sea ice by the Ross seal (Ommatophoca rossii), in Amundsen Sea, Antarctica, using telemetry and remote sensing data. Polar Biology, 2015, 38, 445-461.	0.5	19
77	Mass mortality in harbour seals and harbour porpoises caused by an unknown pathogen. Veterinary Record, 2008, 162, 555-556.	0.2	18
78	Silent porpoise: potential sleeping behaviour identified in wild harbour porpoises. Animal Behaviour, 2017, 133, 211-222.	0.8	18
79	Noise affects porpoise click detections â€“ the magnitude of the effect depends on logger type and detection filter settings. Bioacoustics, 2019, 28, 443-458.	0.7	18
80	Pingers cause temporary habitat displacement in the harbour porpoise Phocoena phocoena. Marine Ecology - Progress Series, 2015, 526, 253-265.	0.9	18
81	Trophic position and foraging ecology of Ross, Weddell, and crabeater seals revealed by compound-specific isotope analysis. Marine Ecology - Progress Series, 2019, 611, 1-18.	0.9	18
82	Spatial trends of perfluorochemicals in harbor seals (Phoca vitulina) from Danish waters. Science of the Total Environment, 2012, 414, 732-737.	3.9	17
83	Population Wide Decline in Somatic Growth in Harbor Sealsâ€"Early Signs of Density Dependence. Frontiers in Ecology and Evolution, 2018, 6, .	1.1	17
84	Assessing auditory evoked potentials of wild harbor porpoises (Phocoena phocoena). Journal of the Acoustical Society of America, 2016, 140, 442-452.	0.5	16
85	Tissue healing in two harbor porpoises (Phocoena phocoena) following longâ€term satellite transmitter attachment. Marine Mammal Science, 2012, 28, E316.	0.9	15
86	Geographic, seasonal, and diurnal surface behavior of harbor porpoises. Marine Mammal Science, 2013, 29, E60.	0.9	15
87	Comparing Distribution of Harbour Porpoises (Phocoena phocoena) Derived from Satellite Telemetry and Passive Acoustic Monitoring. PLoS ONE, 2016, 11, e0158788.	1.1	15
88	Grey seal Halichoerus grypus recolonisation of the southern Baltic Sea, Danish Straits and Kattegat. Wildlife Biology, 2020, 2020, 1-10.	0.6	15
89	Influence of environmental variability on harbour porpoise movement. Marine Ecology - Progress Series, 2020, 648, 207-219.	0.9	15
90	The effect of a large Danish offshore wind farm on harbor and gray seal haul-out behavior. Marine Mammal Science, 2009, 26, 614.	0.9	13

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91	Longâ€term tag retention on two species of small cetaceans. Marine Mammal Science, 2017, 33, 713-725.	0.9	13
92	Indications of mesopelagic foraging by a small odontocete. Marine Biology, 2019, 166, 1.	0.7	13
93	Netting and conventional tagging used to study movements of ringed seals (<i>Phoca) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.0	13
94	Investigations of Thyroid and Stress Hormones in Free-Ranging and Captive Harbor Porpoises (Phocoena phocoena): A Pilot Study. Aquatic Mammals, 2011, 37, 443-453.	0.4	12
95	Antarctic seals: Molecular biomarkers as indicators for pollutant exposure, health effects and diet. Science of the Total Environment, 2017, 599-600, 1693-1704.	3.9	12
96	Harbor Seal. , 2018, , 451-455.		12
97	Drivers and constraints on offshore foraging in harbour seals. Scientific Reports, 2021, 11, 6514.	1.6	11
98	Phylogenomic insights to the origin and spread of phocine distemper virus in European harbour seals in 1988 and 2002. Diseases of Aquatic Organisms, 2019, 133, 47-56.	0.5	11
99	Exploitation of ringed seals (<i>Phoca hispida</i>) in Greenland. NAMMCO Scientific Publications, 0, 1, 130.	0.0	11
100	Human exposure to PFOS and mercury through meat from baltic harbour seals (Phoca vitulina). Environmental Research, 2019, 175, 376-383.	3.7	10
101	Estimating the abundance of the critically endangered Baltic Proper harbour porpoise (Phocoena) Tj ETQq1 1 0.784314 rgBT /Over	0.8	10
102	Disturbanceâ€induced responses of VHF and satellite tagged harbour seals. Aquatic Conservation: Marine and Freshwater Ecosystems, 2014, 24, 712-723.	0.9	9
103	A comparison of CTD satellite-linked tags for large cetaceans - Bowhead whales as real-time autonomous sampling platforms. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 157, 103213.	0.6	9
104	Echolocation activity of harbour porpoises, Phocoena phocoena, shows seasonal artificial reef attraction despite elevated noise levels close to oil and gas platforms. Ecological Solutions and Evidence, 2021, 2, e12055.	0.8	9
105	Origin and expansion of the worldâ€™s most widespread pinniped: Rangeâ€wide population genomics of the harbour seal (Phoca vitulina). Molecular Ecology, 2022, 31, 1682-1699.	2.0	9
106	First Confirmed Record of Grey Seals in Greenland. Arctic, 2010, 63, .	0.2	8
107	High heart rates in hunting harbour porpoises. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211596.	1.2	8
108	Bioaccumulation of PCBs, OCPs and PBDEs in Marine Mammals From West Antarctica. Frontiers in Marine Science, 2021, 8, .	1.2	8

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109	Marine mammal hotspots across the circumpolar Arctic. Diversity and Distributions, 2022, 28, 2729-2753.	1.9	8
110	Phocine distemper virus (PDV) seroprevalence as predictor for future outbreaks in harbour seals. Veterinary Microbiology, 2016, 183, 43-49.	0.8	7
111	Deep diving harbor seals (Phoca vitulina) in South Greenland: movements, diving, haul-out and breeding activities described by telemetry. Polar Biology, 2020, 43, 359-368.	0.5	7
112	Heart rate and startle responses in diving, captive harbour porpoises (Phocoena phocoena) exposed to transient noise and sonar. Biology Open, 2021, 10, .	0.6	7
113	Haematology and clinical blood chemistry in harbour porpoises (Phocoena phocoena) from the inner Danish waters. Environment International, 2020, 143, 105937.	4.8	6
114	Do larger tag packages alter diving behavior in harbor porpoises?. Marine Mammal Science, 2015, 31, 756-763.	0.9	5
115	Genetic and behavioural data confirm the existence of a distinct harbour porpoise ecotype in West Greenland. Ecological Genetics and Genomics, 2022, 22, 100108.	0.3	5
116	Large scale surveys for cetaceans: Line transect assumptions, reliability of abundance estimates and improving survey efficiency â€“ A response to MacLeod. Biological Conservation, 2014, 170, 338-339.	1.9	4
117	Variation of Maleâ€“Male Aggression Patterns in Harbor Seals (Phoca vitulina). Aquatic Mammals, 2020, 46, 119-123.	0.4	4
118	Porpoises the World Over: Diversity in Behavior and Ecology. Ethology and Behavioral Ecology of Marine Mammals, 2019, , 449-464.	0.4	3
119	Marine Mammal Biodiversity Around Oil and Gas Platforms - Challenges and Successes of Long-Term Monitoring. , 2020, , .		3
120	Using environmental variation to optimize aerial surveys of harbour seals. ICES Journal of Marine Science, 2021, 78, 1500-1507.	1.2	3
121	Managing Underwater Noise in European Waters: Implementing the Marine Strategy Framework Directive. Advances in Experimental Medicine and Biology, 2012, 730, 583-585.	0.8	3
122	First report on a newborn grey seal pup (Halichoerus grypus) in the Danish Wadden Sea since the 16th Century. Marine Biodiversity Records, 2015, 8, .	1.2	2
123	Quantitative Measures of Anthropogenic Noise on Harbor Porpoises: Testing the Reliability of Acoustic Tag Recordings. Advances in Experimental Medicine and Biology, 2016, 875, 1237-1242.	0.8	2
124	Abundance of ringed seals (<i>Phoca hispida</i>) in the Kong Oscars Fjord, Scoresby Sund and adjacent areas in eastern Greenland. NAMMCO Scientific Publications, 0, 1, 152.	0.0	2
125	Comparison of echolocation behaviour between coastal and riverine porpoises. , 2007, , .		1
126	Impacts of Underwater Noise on Marine Vertebrates: Project Introduction and First Results. Advances in Experimental Medicine and Biology, 2016, 875, 631-636.	0.8	1

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127	Response to KieÅ‚piÅ„ska and Kowalski: A stab in a self-imposed darkness. Ecological Indicators, 2021, 127, 107808.	2.6	1
128	Forecasting shifts in habitat suitability of three marine predators suggests a rapid decline in interâ€specific overlap under future climate change. Ecology and Evolution, 2022, 12, .	0.8	1
129	Review of Low-Level Bioacoustic Behavior in Wild Cetaceans: Conservation Implications of Possible Sleeping Behavior. Advances in Experimental Medicine and Biology, 2016, 875, 1251-1258.	0.8	0