Christ A F De Jong

List of Publications by Year
in descending order

33 papers	589 citations	840776 11 h-index	642732 23 g-index
37 all docs	37 docs citations	37 times ranked	370 citing authors

#	Article	IF	Citations
1	The effect of signal duration on the underwater detection thresholds of a harbor porpoise (Phocoena phocoena) for single frequency-modulated tonal signals between 0.25 and 160 kHz. Journal of the Acoustical Society of America, 2010, 128, 3211-3222.	1.1	97
2	Validation of finite element computations for the quantitative prediction of underwater noise from impact pile driving. Journal of the Acoustical Society of America, 2013, 133, 72-81.	1.1	69
3	Common Sole Larvae Survive High Levels of Pile-Driving Sound in Controlled Exposure Experiments. PLoS ONE, 2012, 7, e33052.	2.5	51
4	Critical ratios in harbor porpoises (Phocoena phocoena) for tonal signals between 0.315 and 150 kHz in random Gaussian white noise. Journal of the Acoustical Society of America, 2009, 126, 1588-1597.	1.1	45
5	A Reference Spectrum Model for Estimating Source Levels of Marine Shipping Based on Automated Identification System Data. Journal of Marine Science and Engineering, 2021, 9, 369.	2.6	44
6	The effect of signal duration on the underwater hearing thresholds of two harbor seals (Phoca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 America, 2010, 127, 1135-1145.	1.1	37
7	COMPILEâ€"A Generic Benchmark Case for Predictions of Marine Pile-Driving Noise. IEEE Journal of Oceanic Engineering, 2016, 41, 1061-1071.	3.8	31
8	Analysis of Pulsations and Vibrations in Fluid-Filled Pipe Systems. , 1995, , .		24
9	Temporary hearing threshold shift in a harbor porpoise (Phocoena phocoena) after exposure to multiple airgun sounds. Journal of the Acoustical Society of America, 2017, 142, 2430-2442.	1.1	22
10	Threshold received sound pressure levels of single 1â€"2 kHz and 6â€"7 kHz up-sweeps and down-sweeps causing startle responses in a harbor porpoise (Phocoena phocoena). Journal of the Acoustical Society of America, 2012, 131, 2325-2333.	1.1	18
11	Experimental Assessment of Underwater Acoustic Source Levels of Different Ship Types. IEEE Journal of Oceanic Engineering, 2017, 42, 439-448.	3.8	18
12	Effect of broadband-noise masking on the behavioral response of a harbor porpoise (Phocoena) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 129, 2307-2315.	1.1	17
13	Near-threshold equal-loudness contours for harbor seals (Phoca vitulina) derived from reaction times during underwater audiometry: A preliminary study. Journal of the Acoustical Society of America, 2011, 129, 488-495.	1.1	12
14	Hearing thresholds of a harbor porpoise (Phocoena phocoena) for sweeps (1â€"2 kHz and 6â€"7 kHz bands) mimicking naval sonar signals. Journal of the Acoustical Society of America, 2011, 129, 3393-3399.	1.1	10
15	The hearing threshold of a harbor porpoise (Phocoena phocoena) for impulsive sounds (L). Journal of the Acoustical Society of America, 2012, 132, 607-610.	1.1	10
16	Hearing thresholds of a harbor porpoise (Phocoena phocoena) for playbacks of multiple pile driving strike sounds. Journal of the Acoustical Society of America, 2013, 134, 2302-2306.	1.1	9
17	Hearing thresholds of harbor seals (Phoca vitulina) for playbacks of seal scarer signals, and effects of the signals on behavior. Hydrobiologia, 2015, 756, 75-88.	2.0	9
18	Hearing thresholds of a harbor porpoise (Phocoena phocoena) for helicopter dipping sonar signals (1.43â€"1.33 kHz) (L). Journal of the Acoustical Society of America, 2011, 130, 679-682.	1.1	8

#	Article	IF	Citations
19	Sources of Underwater Sound and Their Characterization. Advances in Experimental Medicine and Biology, 2016, 875, 27-35.	1.6	8
20	Hearing thresholds of a harbor porpoise (Phocoena phocoena) for playbacks of seal scarer signals, and effects of the signals on behavior. Hydrobiologia, 2015, 756, 89-103.	2.0	7
21	Lack of reproducibility of temporary hearing threshold shifts in a harbor porpoise after exposure to repeated airgun sounds. Journal of the Acoustical Society of America, 2020, 148, 556-565.	1.1	7
22	Suppression of Underwater Noise Induced by Cavitation: SONIC. Transportation Research Procedia, 2016, 14, 2668-2677.	1.5	6
23	Ecological Risk Assessment of Underwater Sounds from Dredging Operations. Integrated Environmental Assessment and Management, 2020, 16, 481-493.	2.9	6
24	What is the Source Level of Pile-Driving Noise in Water?. Advances in Experimental Medicine and Biology, 2012, 730, 445-448.	1.6	4
25	Summary Report Panel 1: The Need for Protocols and Standards in Research on Underwater Noise Impacts on Marine Life. Advances in Experimental Medicine and Biology, 2016, 875, 1265-1271.	1.6	4
26	Effect of Pile-Driving Sounds on the Survival of Larval Fish. Advances in Experimental Medicine and Biology, 2016, 875, 91-100.	1.6	4
27	Effect of Pile-Driving Playback Sound Level on Fish-Catching Efficiency in Harbor Porpoises (Phocoena) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	3
28	Effect of a Bubble Screen on the Behavioral Responses of Captive Harbor Porpoises (Phocoena) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.7	2
29	Behavioral Responses of a Harbor Porpoise (Phocoena phocoena) Depend on the Frequency Content of Pile-Driving Sounds. Aquatic Mammals, 2022, 48, 97-109.	0.7	2
30	WODA Technical Guidance on Underwater Sound from Dredging. Advances in Experimental Medicine and Biology, 2016, 875, 1161-1166.	1.6	1
31	Workshop One: Risk Analysis. Advances in Experimental Medicine and Biology, 2012, 730, 657-659.	1.6	1
32	Offshore Dredger Sounds: Source Levels, Sound Maps, and Risk Assessment. Advances in Experimental Medicine and Biology, 2016, 875, 189-196.	1.6	1
33	Assessment of Cumulative Sound Exposure Levels for Marine Piling Events. Advances in Experimental Medicine and Biology, 2012, 730, 453-457.	1.6	0