

# Jason D Sagers

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

185  
citations

1307594

7  
h-index

1281871

11  
g-index

68  
all docs

68  
docs citations

68  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal and spatial dependence of a yearlong record of sound propagation from the Canada Basin to the Chukchi Shelf. <i>Journal of the Acoustical Society of America</i> , 2020, 148, 1663-1680.	1.1	22
2	An investigation of the combustive sound source. <i>Proceedings of Meetings on Acoustics</i> , 2010, , .	0.3	11
3	Evidence of three-dimensional acoustic propagation in the Catoche Tongue. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 2453-2462.	1.1	11
4	Measurements and modeling of acoustic propagation in a scale model canyon. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 1858-1866.	1.1	11
5	An impulsive source with variable output and stable bandwidth for underwater acoustic experiments. <i>Journal of the Acoustical Society of America</i> , 2014, 136, EL8-EL12.	1.1	9
6	Statistical inference of seabed sound-speed structure in the Gulf of Oman Basin. <i>Journal of the Acoustical Society of America</i> , 2014, 135, 3327-3337.	1.1	7
7	A comparison between directly measured and inferred wave speeds from an acoustic propagation experiment in Currituck Sound. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 237-247.	1.1	7
8	Properties of the ambient noise field at the 150-m isobath during the Canada Basin Acoustic Propagation Experiment. <i>Proceedings of Meetings on Acoustics</i> , 2018, , .	0.3	7
9	Application of acoustical remote sensing techniques for ecosystem monitoring of a seagrass meadow. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 2002-2019.	1.1	7
10	Clustering analysis of a yearlong record of ambient sound on the Chukchi Shelf in the 40â€‰%Hz to 4â€‰%kHz frequency range. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 1597-1608.	1.1	7
11	Development of a standing wave apparatus for calibrating acoustic vector sensors and hydrophones. <i>Journal of the Acoustical Society of America</i> , 2016, 139, 176-187.	1.1	7
12	Ultrasonic measurements of the reflection coefficient at a water/polyurethane foam interface. <i>Journal of the Acoustical Society of America</i> , 2013, 134, EL271-EL275.	1.1	6
13	Broadband sound propagation in a seagrass meadow throughout a diurnal cycle. <i>Journal of the Acoustical Society of America</i> , 2019, 146, EL335-EL341.	1.1	6
14	Active sound transmission control of a double-panel module using decoupled analog feedback control: Experimental results. <i>Journal of the Acoustical Society of America</i> , 2010, 128, 2807-2816.	1.1	5
15	An extended lumped-element model and parameter estimation technique to predict loudspeaker responses with possible surround-dip effects. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 3580-3593.	1.1	5
16	Scale model observations of coupled vertical modes in a translationally invariant wedge. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 1867-1874.	1.1	4
17	Laboratory measurements and simulations of reflections from a water/clay interface during the diffusion of salt. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 1384-1393.	1.1	4
18	Observation of out-of-plane ambient noise on two vector sensor moorings in Lake Travis. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 1903-1912.	1.1	4

#	ARTICLE	IF	CITATIONS
19	A double-panel active segmented partition module using decoupled analog feedback controllers: Numerical model. Journal of the Acoustical Society of America, 2009, 125, 3806-3818.	1.1	3
20	Analysis of a homemade Edison tinfoil phonograph. Journal of the Acoustical Society of America, 2012, 132, 2173-2183.	1.1	3
21	Testing and verification of a scale-model acoustic propagation system. Journal of the Acoustical Society of America, 2015, 138, 3576-3585.	1.1	3
22	Modeling Fluctuations in Depth-Integrated Acoustic Intensity Induced by Internal Waves Along a 2-D Track. IEEE Journal of Oceanic Engineering, 2016, , 1-11.	3.8	3
23	Experimental observations of a rupture induced underwater sound source. Journal of the Acoustical Society of America, 2020, 148, EL370-EL374.	1.1	3
24	Numerical analysis of three-dimensional acoustic propagation in the Catoche Tongue. Journal of the Acoustical Society of America, 2015, 138, EL365-EL369.	1.1	2
25	Investigating the effects of ocean layering and sea ice cover on acoustic propagation in the Beaufort Sea. Proceedings of Meetings on Acoustics, 2015, , .	0.3	2
26	Seabed properties at the 150 m isobath as observed during the 2016-2017 Canada Basin Acoustic Propagation Experiment. Proceedings of Meetings on Acoustics, 2018, , .	0.3	2
27	A convolutional neural network applied to Arctic acoustic recordings to identify soundscape components. Proceedings of Meetings on Acoustics, 2020, , .	0.3	2
28	Development of a multi-microphone calibrator. Applied Acoustics, 2009, 70, 790-798.	3.3	1
29	A homemade Edison tinfoil phonograph. Proceedings of Meetings on Acoustics, 2011, , .	0.3	1
30	Measurements and modeling of acoustic propagation in a seagrass meadow. Proceedings of Meetings on Acoustics, 2018, , .	0.3	1
31	Results from a scale model acoustic propagation experiment over a translationally invariant wedge. Proceedings of Meetings on Acoustics, 2015, , .	0.3	1
32	Investigation of a rupture-induced underwater sound source. Proceedings of Meetings on Acoustics, 2020, , .	0.3	1
33	The tin-can telephone: An example of sound propagation and communication for Project Listen Up. Proceedings of Meetings on Acoustics, 2010, , .	0.3	0
34	Influence of rough seabed surface on statistics of modal energy flux. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
35	Laboratory measurements of reflection coefficient from a water-mud interface after varying bottom water salinity. Proceedings of Meetings on Acoustics, 2016, , .	0.3	0