

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	Clustering analysis of a yearlong record of ambient sound on the Chukchi Shelf in the 40â€‰Hz to 4â€‰kHz frequency range. Journal of the Acoustical Society of America, 2021, 150, 1597-1608.	1.1	7
2	Temporal and spatial dependence of a yearlong record of sound propagation from the Canada Basin to the Chukchi Shelf. Journal of the Acoustical Society of America, 2020, 148, 1663-1680.	1.1	22
3	Experimental observations of a rupture induced underwater sound source. Journal of the Acoustical Society of America, 2020, 148, EL370-EL374.	1.1	3
4	Application of acoustical remote sensing techniques for ecosystem monitoring of a seagrass meadow. Journal of the Acoustical Society of America, 2020, 147, 2002-2019.	1.1	7
5	A convolutional neural network applied to Arctic acoustic recordings to identify soundscape components. Proceedings of Meetings on Acoustics, 2020, , .	0.3	2
6	Investigation of a rupture-induced underwater sound source. Proceedings of Meetings on Acoustics, 2020, , .	0.3	1
7	Broadband sound propagation in a seagrass meadow throughout a diurnal cycle. Journal of the Acoustical Society of America, 2019, 146, EL335-EL341.	1.1	6
8	Scale model observations of coupled vertical modes in a translationally invariant wedge. Journal of the Acoustical Society of America, 2019, 146, 1867-1874.	1.1	4
9	Laboratory measurements and simulations of reflections from a water/clay interface during the diffusion of salt. Journal of the Acoustical Society of America, 2019, 146, 1384-1393.	1.1	4
10	Measurements and modeling of acoustic propagation in a scale model canyon. Journal of the Acoustical Society of America, 2019, 146, 1858-1866.	1.1	11
11	Observation of out-of-plane ambient noise on two vector sensor moorings in Lake Travis. Journal of the Acoustical Society of America, 2019, 146, 1903-1912.	1.1	4
12	A comparison between directly measured and inferred wave speeds from an acoustic propagation experiment in Currituck Sound. Journal of the Acoustical Society of America, 2018, 143, 237-247.	1.1	7
13	Properties of the ambient noise field at the 150-m isobath during the Canada Basin Acoustic Propagation Experiment. Proceedings of Meetings on Acoustics, 2018, , .	0.3	7
14	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
15	Measurements and modeling of acoustic propagation in a seagrass meadow. Proceedings of Meetings on Acoustics, 2018, , .	0.3	1
16	Laboratory measurements of reflection coefficient from a water-mud interface after varying bottom water salinity. Proceedings of Meetings on Acoustics, 2016, , .	0.3	0
17	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
18	Development of a standing wave apparatus for calibrating acoustic vector sensors and hydrophones. Journal of the Acoustical Society of America, 2016, 139, 176-187.	1.1	7

#	ARTICLE	IF	CITATIONS
19	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
20	Testing and verification of a scale-model acoustic propagation system. Journal of the Acoustical Society of America, 2015, 138, 3576-3585.	1.1	3
21	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
22	Results from a scale model acoustic propagation experiment over a translationally invariant wedge. Proceedings of Meetings on Acoustics, 2015, , .	0.3	1
23	An impulsive source with variable output and stable bandwidth for underwater acoustic experiments. Journal of the Acoustical Society of America, 2014, 136, EL8-EL12.	1.1	9
24	Statistical inference of seabed sound-speed structure in the Gulf of Oman Basin. Journal of the Acoustical Society of America, 2014, 135, 3327-3337.	1.1	7
25	Evidence of three-dimensional acoustic propagation in the Catoche Tongue. Journal of the Acoustical Society of America, 2014, 136, 2453-2462.	1.1	11
26	Ultrasonic measurements of the reflection coefficient at a water/polyurethane foam interface. Journal of the Acoustical Society of America, 2013, 134, EL271-EL275.	1.1	6
27	An extended lumped-element model and parameter estimation technique to predict loudspeaker responses with possible surround-dip effects. Journal of the Acoustical Society of America, 2013, 134, 3580-3593.	1.1	5
28	Influence of rough seabed surface on statistics of modal energy flux. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
29	Analysis of a homemade Edison tinfoil phonograph. Journal of the Acoustical Society of America, 2012, 132, 2173-2183.	1.1	3
30	A homemade Edison tinfoil phonograph. Proceedings of Meetings on Acoustics, 2011, , .	0.3	1
31	An investigation of the combustive sound source. Proceedings of Meetings on Acoustics, 2010, , .	0.3	11
32	The tin-can telephone: An example of sound propagation and communication for Project Listen Up. Proceedings of Meetings on Acoustics, 2010, , .	0.3	0
33	Active sound transmission control of a double-panel module using decoupled analog feedback control: Experimental results. Journal of the Acoustical Society of America, 2010, 128, 2807-2816.	1.1	5
34	Development of a multi-microphone calibrator. Applied Acoustics, 2009, 70, 790-798.	3.3	1
35	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