

David F Van Komen

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

120
citations

1684188

5
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	Seabed and range estimation of impulsive time series using a convolutional neural network. Journal of the Acoustical Society of America, 2020, 147, EL403-EL408.	1.1	40
2	Learning location and seabed type from a moving mid-frequency source. Journal of the Acoustical Society of America, 2021, 149, 692-705.	1.1	23
3	Seabed type and source parameters predictions using ship spectrograms in convolutional neural networks. Journal of the Acoustical Society of America, 2021, 149, 1198-1210.	1.1	22
4	Seabed classification from merchant ship-radiated noise using a physics-based ensemble of deep learning algorithms. Journal of the Acoustical Society of America, 2021, 150, 1434-1447.	1.1	9
5	Seabed Classification Using a Convolutional Neural Network on Explosive Sounds. IEEE Journal of Oceanic Engineering, 2022, 47, 670-679.	3.8	6
6	Validating deep learning seabed classification via acoustic similarity. JASA Express Letters, 2021, 1, .	1.1	5
7	A CNN for Range and Seabed Estimation on Normalized and Extracted Time-Series Impulses. IEEE Journal of Oceanic Engineering, 2022, 47, 833-846.	3.8	5
8	Characterizing distinct components of tactical aircraft noise sources. Journal of the Acoustical Society of America, 2020, 147, 3550-3564.	1.1	2
9	Optimal experimental design for machine learning using the Fisher information. Proceedings of Meetings on Acoustics, 2018, , .	0.3	1
10	A feedforward neural network for source range and ocean seabed classification using time-domain features. Proceedings of Meetings on Acoustics, 2019, , .	0.3	1