

# David F Van Komen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7472945/publications.pdf>

Version: 2024-02-01

10  
papers

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citations

1684188

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1281871

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docs citations

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51  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seabed Classification Using a Convolutional Neural Network on Explosive Sounds. IEEE Journal of Oceanic Engineering, 2022, 47, 670-679.	3.8	6
2	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
3	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
4	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
5	Validating deep learning seabed classification via acoustic similarity. JASA Express Letters, 2021, 1, .	1.1	5
6	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
7	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
8	Characterizing distinct components of tactical aircraft noise sources. Journal of the Acoustical Society of America, 2020, 147, 3550-3564.	1.1	2
9	A feedforward neural network for source range and ocean seabed classification using time-domain features. Proceedings of Meetings on Acoustics, 2019, , .	0.3	1
10	Optimal experimental design for machine learning using the Fisher information. Proceedings of Meetings on Acoustics, 2018, , .	0.3	1