Hans Petter Hildre

List of Publications by Year
in descending order

26	354	759233 12	888059 17
papers	citations	h-index	g-index

26	26	26	281
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A framework for rapid virtual prototyping: a case study with the Gunnerus research vessel. Ship Technology Research, 2023, 70, 1-13.	2.5	3
2	The contribution of Vessel Traffic Services to safe coexistence between automated and conventional vessels. Maritime Policy and Management, 2022, 49, 990-1009.	3.8	7
3	Navigating Patterns Analysis for Onboard Guidance Support in Crossing Collision-Avoidance Operations. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 62-77.	3.8	12
4	Making Sense of Maritime Simulators Use: A Multiple Case Study in Norway. Technology, Knowledge and Learning, 2021, 26, 661-686.	4.9	6
5	Virtual prototyping of offshore operations: a review. Ship Technology Research, 2021, 68, 84-101.	2.5	5
6	A Survey of Eye Tracking in Automobile and Aviation Studies: Implications for Eye-Tracking Studies in Marine Operations. IEEE Transactions on Human-Machine Systems, 2021, 51, 87-98.	3.5	16
7	Sailing status recognition to enhance safety awareness and path routing for a commuter ferry. Ships and Offshore Structures, 2021, 16, 1-12.	1.9	9
8	Model-free anti-swing control of complex-shaped payload with offshore floating cranes and a large number of lift wires. Ocean Engineering, 2021, 228, 108868.	4.3	17
9	The Use of a Data-Driven Digital Twin of a Smart City: A Case Study of Ã…lesund, Norway. IEEE Instrumentation and Measurement Magazine, 2021, 24, 39-49.	1.6	24
10	Toward Time-Optimal Trajectory Planning for Autonomous Ship Maneuvering in Close-Range Encounters. IEEE Journal of Oceanic Engineering, 2020, 45, 1219-1234.	3.8	19
11	How vessel traffic service operators cope with complexity â€“ only human performance absorbs human performance. Theoretical Issues in Ergonomics Science, 2020, 21, 418-441.	1.8	5
12	A Neural-Network-Based Sensitivity Analysis Approach for Data-Driven Modeling of Ship Motion. IEEE Journal of Oceanic Engineering, 2020, 45, 451-461.	3.8	21
13	Visual Attention Assessment for Expert-in-the-Loop Training in a Maritime Operation Simulator. IEEE Transactions on Industrial Informatics, 2020, 16, 522-531.	11.3	17
14	Mayday, Mayday, Mayday: Using salivary cortisol to detect distress (and eustress!) in critical incident training. International Journal of Industrial Ergonomics, 2020, 78, 102975.	2.6	9
15	A Novel Densely Connected Convolutional Neural Network for Sea-State Estimation Using Ship Motion Data. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5984-5993.	4.7	41
16	A Human-Expertise Based Statistical Method for Analysis of Log Data from a Commuter Ferry. , 2020, , .		2
17	Modeling and Analysis of Motion Data from Dynamically Positioned Vessels for Sea State Estimation. , 2019, , .		16
18	Data-driven uncertainty and sensitivity analysis for ship motion modeling in offshore operations. Ocean Engineering, 2019, 179, 261-272.	4.3	40

#	Article	IF	Citations
19	From Natural Complexity to Biomimetic Simplification: The Realization of Bionic Fish Inspired by the Cownose Ray. IEEE Robotics and Automation Magazine, 2019, 26, 27-38.	2.0	21
20	Hydrodynamic development of a bionic pectoral fin for undersea monitoring platform. Ships and Offshore Structures, 2019, 14, 91-99.	1.9	3
21	Analysis and evaluation of eye behavior for marine operation training - A pilot study. Journal of Eye Movement Research, 2019, 12, .	0.8	6
22	Holistic human safety in the design of marine operations safety. Ocean Engineering, 2018, 151, 378-389.	4.3	4
23	A Human Perspective on Maritime Autonomy. Lecture Notes in Computer Science, 2018, , 350-362.	1.3	13
24	Product architecture design of multi-modal products. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2016, 27, 331-346.	2.1	4
25	Conceptual design of multi-modal products. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2015, 26, 219-234.	2.1	18
26	An approach for adaptive limbless locomotion using a cpg-based reflex mechanism. Journal of Bionic Engineering, 2014, 11, 389-399.	5.0	16