

Arndt Hildebrandt

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

211
citations

1163117

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h-index

1058476

14
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all docs

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docs citations

20
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	New system design for the cultivation of extractive species at exposed sites - Part 1: System design, deployment and first response to high-energy environments. Applied Ocean Research, 2021, 110, 102603.	4.1	5
2	New system design for the cultivation of extractive species at exposed sites - Part 2: Experimental modelling in waves and currents. Applied Ocean Research, 2021, 113, 102749.	4.1	5
3	Drag and inertia coefficients of live and surrogate shellfish dropper lines under steady and oscillatory flow. Ocean Engineering, 2021, 235, 109377.	4.3	7
4	A benchmarking exercise for environmental contours. Ocean Engineering, 2021, 236, 109504.	4.3	26
5	Experimental investigation of offshore crane load during installation of a wind turbine jacket substructure in regular waves. Ocean Engineering, 2021, 241, 109979.	4.3	5
6	Large-Scale Laboratory Experiments on Mussel Dropper Lines in Ocean Surface Waves. Journal of Marine Science and Engineering, 2021, 9, 29.	2.6	5
7	Numerical investigation of the effect of aeration and hydroelasticity on impact loading and structural response for elastic plates during water entry. Ocean Engineering, 2020, 201, 107098.	4.3	8
8	Influence of Structural Elements on the Spatial Sediment Displacement around a Jacket-Type Offshore Foundation. Water (Switzerland), 2020, 12, 1651.	2.7	8
9	Volume-Based Assessment of Erosion Patterns around a Hydrodynamic Transparent Offshore Structure. Energies, 2019, 12, 3089.	3.1	10
10	Scour development around a jacket structure in combined waves and current conditions compared to monopile foundations. Coastal Engineering, 2019, 152, 103515.	4.0	39
11	Physical Modelling of Blue Mussel Dropper Lines for the Development of Surrogates and Hydrodynamic Coefficients. Journal of Marine Science and Engineering, 2019, 7, 65.	2.6	15
12	Wind-wave misalignment and a combination method for direction-dependent extreme incidents. Ocean Engineering, 2019, 180, 10-22.	4.3	14
13	Role and Impact of Hydrograph Shape on Tidal Current-Induced Scour in Physical-Modelling Environments. Water (Switzerland), 2019, 11, 2636.	2.7	7
14	Processes and evolution of scour around a monopile induced by tidal currents. Coastal Engineering, 2018, 139, 65-84.	4.0	40
15	EXCITATION AND DYNAMIC RESPONSES OF JACKET STRUCTURES IN REGULAR WAVES FOR OFFSHORE INSTALLATION. Coastal Engineering Proceedings, 2017, , 12.	0.1	2
16	Loads and Dynamic Response of a Floating Wave Energy Converter due to Regular Waves From CFD Simulations. , 2016, , .		1
17	Messdatenbasierte Empfehlungen von Wind- und Wellenparametern für die Auslegung von Offshore-Windenergieanlagen. Bautechnik, 2014, 91, 533-542.	0.1	7
18	Wellenbrechen an Offshore Tripod-Gründungen -Versuche und Simulationen im Vergleich zu Richtlinien. Bautechnik, 2012, 89, 301-308.	0.1	4

#	ARTICLE	IF	CITATIONS
19	WAVE FORCES ON GROUPS OF SLENDER CYLINDERS IN COMPARISON TO AN ISOLATED CYLINDER DUE TO NON-BREAKING WAVES. , 2009, , .		3
20	BORE PROPAGATION OVER A SUBMERGED HORIZONTAL PLATE BY PHYSICAL AND NUMERICAL SIMULATION. , 2009, , .		0