

# Kazuo Nishimoto

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

179  
citations

1163117

8  
h-index

1474206

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g-index

21  
all docs

21  
docs citations

21  
times ranked

137  
citing authors

#	ARTICLE	IF	CITATIONS
1	A numerical study on sloshing mitigation by vertical floating rigid baffle. Journal of Fluids and Structures, 2022, 109, 103456.	3.4	12
2	Technology readiness assessment of ultra-deep salt caverns for carbon capture and storage in Brazil. International Journal of Greenhouse Gas Control, 2020, 99, 103083.	4.6	19
3	Motions and safety of a floating liquefied natural gas and shuttle tanker during side-by-side offloading operations. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2019, 233, 610-621.	0.5	0
4	Experimental salt cavern in offshore ultra-deep water and well design evaluation for CO2 abatement. International Journal of Mining Science and Technology, 2019, 29, 641-656.	10.3	23
5	A domain decomposition strategy for hybrid parallelization of moving particle semi-implicit (MPS) method for computer cluster. Cluster Computing, 2015, 18, 1363-1377.	5.0	14
6	Particle Based Numerical Analysis of Green Water on FPSO Deck. , 2013, , .		3
7	Experimental Investigation of the Hydrodynamic Coefficients of a Remotely Operated Vehicle Using a Planar Motion Mechanism. Journal of Offshore Mechanics and Arctic Engineering, 2012, 134, .	1.2	10
8	Analytical and numerical study of the effects of an elastically-linked body on sloshing. Computers and Fluids, 2011, 49, 1-21.	2.5	19
9	Investigation on the Effects of Risers in the Dynamics of Floating Systems. , 2010, , .		0
10	Evolution of the MPSO (monocolumn production, storage and offloading system). Marine Systems and Ocean Technology, 2009, 5, 45-53.	1.0	13
11	Numerical Study of the Motions in Shallow Water Waves of Floating Bodies Elastically Linked to Bottom. , 2009, , .		2
12	Experimental and Numerical Analysis of the Behavior of a Monocolumn With a Moonpool. , 2008, , .		4
13	Validation Study of MPS (Moving Particle Semi-Implicit Method) for Sloshing and Damage Stability Analysis. , 2008, , .		1
14	Numerical Moonpool Modeling. , 2006, , 493.		6
15	Influence of the Ballast Tanks Loading on the Allowable VCG in Damage Case. , 2006, , .		1
16	Stability Analysis of a MPSO (Mono-Column Floater, Production, Storage and Offloading Unit): MonoBR. , 2006, , .		1
17	Estimation of Damping Coefficients of Moonpools for Monocolumn Type Units. , 2005, , 665.		4
18	Stability Criteria and Analysis of a Monocolumn Concept. , 2004, , 963.		1

#	ARTICLE	IF	CITATIONS
19	Study of Numerical Modeling of Moonpool as Minimization Device of Monocolumn Hull. , 2004, , 971.		6
20	Dynasim™ A Time Domain Simulator of Anchored FPSO. Journal of Offshore Mechanics and Arctic Engineering, 2002, 124, 203-211.	1.2	34
21	A Study on Longitudinal Motions and Bending Moment of a Container Ship in Following Sea. Journal of the Society of Naval Architects of Japan, 1981, 1981, 201-210.	0.2	6