Kazuo Nishimoto

List of Publications by Year
in descending order

21	179	1163117	1474206
papers	citations	8	9
		h-index	g-index

21	21	21	137
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynasim—A Time Domain Simulator of Anchored FPSO. Journal of Offshore Mechanics and Arctic Engineering, 2002, 124, 203-211.	1.2	34
2	Experimental salt cavern in offshore ultra-deep water and well design evaluation for CO_2 abatement. International Journal of Mining Science and Technology, 2019, 29, 641-656.	10.3	23
3	Analytical and numerical study of the effects of an elastically-linked body on sloshing. Computers and Fluids, 2011, 49, 1-21.	2.5	19
4	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
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	Evolution of the MPSO (monocolumn production, storage and offloading system). Marine Systems and Ocean Technology, 2009, 5, 45-53.	1.0	13
7	A numerical study on sloshing mitigation by vertical floating rigid baffle. Journal of Fluids and Structures, 2022, 109, 103456.	3.4	12
8	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
9	Study of Numerical Modeling of Moonpool as Minimization Device of Monocolumn Hull. , 2004, , 971.		6
10	Numerical Moonpool Modeling. , 2006, , 493.		6
11	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
12	Estimation of Damping Coefficients of Moonpools for Monocolumn Type Units. , 2005, , 665.		4
13	Experimental and Numerical Analysis of the Behavior of a Monocolumn With a Moonpool. , 2008, , .		4
14	Particle Based Numerical Analysis of Green Water on FPSO Deck. , 2013, , .		3
15	Numerical Study of the Motions in Shallow Water Waves of Floating Bodies Elastically Linked to Bottom. , 2009, , .		2
16	Stability Criteria and Analysis of a Monocolumn Concept. , 2004, , 963.		1
17	Influence of the Ballast Tanks Loading on the Allowable VCG in Damage Case. , 2006, , .		1
18	Stability Analysis of a MPSO (Mono-Column Floater, Production, Storage and Offloading Unit): MonoBR. , 2006, , .		1

#	Article	IF	Citations
19	Validation Study of MPS (Moving Particle Semi-Implicit Method) for Sloshing and Damage Stability Analysis. , 2008, , .		1
20	Investigation on the Effects of Risers in the Dynamics of Floating Systems. , 2010, , .		0
21	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