

Lucyna Brzozowska

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

116
citations

1478458

6
h-index

1372553

10
g-index

18
all docs

18
docs citations

18
times ranked

105
citing authors

#	ARTICLE	IF	CITATIONS
1	An analysis of dynamics of risers during vessel motion by means of the rigid finite element method. <i>Ocean Engineering</i> , 2015, 106, 102-114.	4.3	35
2	Computer simulation of impacts of a chlorine tanker truck accident. <i>Transportation Research, Part D: Transport and Environment</i> , 2016, 43, 107-122.	6.8	21
3	Validation of a Lagrangian particle model. <i>Atmospheric Environment</i> , 2013, 70, 218-226.	4.1	9
4	Modelling the propagation of smoke from a tanker fire in a built-up area. <i>Science of the Total Environment</i> , 2014, 472, 901-911.	8.0	8
5	Application of Neural Network to Control the Load Motion of an Offshore Crane. , 2005, , .		7
6	An Application of Artificial Neural Network to Diesel Engine Modelling. , 2005, , .		7
7	Modelling of Ropes with Consideration of Large Deformations and Friction by Means of the Rigid Finite Element Method. <i>Springer Proceedings in Mathematics and Statistics</i> , 2014, , 115-137.	0.2	7
8	Rigid finite element method in applications to dynamic optimization of motion of a riser in reentry. <i>Marine Structures</i> , 2021, 78, 103006.	3.8	6
9	Modification of the Rigid Finite Element Method in Modeling Dynamics of Lines and Risers. <i>Archive of Mechanical Engineering</i> , 2013, 60, 409-429.	0.7	5
10	Effectiveness of the segment method in absolute and joint coordinates when modelling risers. <i>Acta Mechanica</i> , 2020, 231, 435-469.	2.1	5
11	Influence of Sea Current on Stabilization of Moments and Forces in Risers. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2019, 141, .	1.2	3
12	Evaluation of a Diagnostic Model of an Air Velocity Field: The Must Wind Tunnel Case. <i>Environmental Modeling and Assessment</i> , 2015, 20, 71-82.	2.2	2
13	An Iterative Method for Calculation of Wind Profiles at the Mesoscale and Microscale. <i>Boundary-Layer Meteorology</i> , 2022, 183, 423-445.	2.3	1
14	The rigid finite element and segment methods in dynamic analysis of risers. <i>Mechanisms and Machine Science</i> , 2019, , 3017-3026.	0.5	0
15	Dynamics of risers analysed by means of the segment method, with consideration of bending and torsional stiffness. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	0
16	New formulation and application of the segment method for extensible risers. <i>Ships and Offshore Structures</i> , 0, , 1-13.	1.9	0
17	The influence of meteorological conditions on the effects of chlorine emission resulting from a road accident. <i>AUTOBUSY – Technika Eksploatacja Systemy Transportowe</i> , 2018, 19, 62-67.	0.0	0