Aditya Rio Prabowo

List of Publications by Year
in descending order

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140 papers	1,295 citations	394421 19 h-index	580821 25 g-index
140 all docs	140 docs citations	140 times ranked	269 citing authors

#	Article	IF	Citations
1	A numerical evaluation on nonlinear dynamic response of sandwich plates with partially rectangular skin/core debonding. Curved and Layered Structures, 2022, 9, 25-39.	1.3	7
2	Influence of element discretization types to fatigue behaviors in finite element analysis. Materials Today: Proceedings, 2022, , .	1.8	0
3	Friction Stir Welded AA5052-H32 under Dissimilar Pin Profile and Preheat Temperature: Microstructural Observations and Mechanical Properties. Metals, 2022, 12, 4.	2.3	3
4	Assessment of ship structure under fatigue loading: FE benchmarking and extended performance analysis. Curved and Layered Structures, 2022, 9, 163-186.	1.3	7
5	Layout optimization for safety evaluation on LNG-fueled ship under an accidental fuel release using mixed-integer nonlinear programming. International Journal of Naval Architecture and Ocean Engineering, 2022, 14, 100443.	2.3	7
6	Numerical prediction of cavitation phenomena on marine vessel: Effect of the water environment profile on the propulsion performance. Open Engineering, 2022, 12, 293-312.	1.6	9
7	Effect of the selected parameters in idealizing material failures under tensile loads: Benchmarks for damage analysis on thin-walled structures. Curved and Layered Structures, 2022, 9, 258-285.	1.3	10
8	On the Resistance to Buckling Loads of Idealized Hull Structures: FE Analysis on Designed-Stiffened Plates. Designs, 2022, 6, 46.	2.4	12
9	Numerical Analysis of Stiffened Offshore Pipe subjected to Environmental Loading: A Study Case using External Pressure. Procedia Structural Integrity, 2022, 41, 274-281.	0.8	1
10	Estimating Failure Mechanism of Steel Specimens using Stress Corrosion-Cracking (SCC) Testing Methods: State and Development. Procedia Structural Integrity, 2022, 41, 266-273.	0.8	2
11	Forecasting technical performance and cost estimation of designed rim wheels based on variations of geometrical parameters. Journal of the Mechanical Behavior of Materials, 2022, 31, 200-211.	1.8	1
12	Effects of Geometrical Variations on the Performance of Hull Plate Structures under Blast Load: A Study using Nonlinear FEA. Procedia Structural Integrity, 2022, 41, 282-289.	0.8	2
13	CFD implementation to mitigate the LNG leakage consequences: A review of explosion accident calculation on LNG-fueled ships. Procedia Structural Integrity, 2022, 41, 343-350.	0.8	12
14	System and eco-material design based on slow-release ferrate(vi) combined with ultrasound for ballast water treatment. Open Engineering, 2022, 12, 401-408.	1.6	2
15	Energy absorption behaviors of designed metallic square tubes under axial loading: Experiment-based benchmarking and finite element calculation. Journal of the Mechanical Behavior of Materials, 2022, 31, 443-461.	1.8	8
16	Investigation of Honeycomb Sandwich Panel Structure using Aluminum Alloy (AL6XN) Material under Blast Loading. Civil Engineering Journal (Iran), 2022, 8, 1046-1068.	3.9	15
17	Effect of the Phase-Shift Angle on the vertical axis Savonius wind turbine performance as a renewable-energy harvesting instrument. Energy Reports, 2022, 8, 57-66.	5.1	9
18	Effect of Nozzle Performance on the Ducted Propeller: A Benchmark-Simulation Study using OpenFOAM. Transportation Research Procedia, 2021, 55, 645-652.	1.5	2

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19	Numerical estimation of the torsional stiffness characteristics on urban Shell Eco-Marathon (SEM) vehicle design. Curved and Layered Structures, 2021, 8, 167-180.	1.3	6
20	Enhancement stability and color fastness of natural dye: A review. Open Engineering, 2021, 11, 548-555.	1.6	17
21	Effect of water flow and depth on fatigue crack growth rate of underwater wet welded low carbon steel SS400. Open Engineering, 2021, 11, 329-338.	1.6	6
22	Mosque design strategy for energy and water saving. Open Engineering, 2021, 11, 723-733.	1.6	2
23	Analysis of Monohull Design Characteristics as Supporting Vessel for the COVID-19 Medical Treatment and Logistic. Transportation Research Procedia, 2021, 55, 699-706.	1.5	5
24	Design of crashworthy attenuator structures as a part of vehicle safety against impact: Application of waste aluminum can-based material. Theoretical and Applied Mechanics Letters, 2021, 11, 100235.	2.8	4
25	Experimental study of the effect of slotted blades on the Savonius wind turbine performance. Theoretical and Applied Mechanics Letters, 2021, 11, 100249.	2.8	15
26	Mini Review on Eddy Current Brakes Parameter. IOP Conference Series: Materials Science and Engineering, 2021, 1096, 012027.	0.6	2
27	Effect of Water Flow on Underwater Wet Welded A36 Steel. Metals, 2021, 11, 682.	2.3	6
28	Advanced Development of Sensorsâ€™ Roles in Maritime-Based Industry and Research: From Field Monitoring to High-Risk Phenomenon Measurement. Applied Sciences (Switzerland), 2021, 11, 3954.	2.5	35
29	Mechanical and Microstructural Properties of A36 Marine Steel Subjected to Underwater Wet Welding. Metals, 2021, 11, 999.	2.3	3
30	Fabrication of AA6061-sea sand composite and analysis of its properties. Heliyon, 2021, 7, e07770.	3.2	8
31	Exploring the potential of graphene materials in marine and shipping industries â€“ A technical review for prospective application on ship operation and material-structure aspects. Journal of Ocean Engineering and Science, 2021, 6, 299-316.	4.3	24
32	Crashworthy Examination of a Newly Proposed Impact Attenuator Design: Experimental Testing and Numerical Analysis. Modelling and Simulation in Engineering, 2021, 2021, 1-20.	0.7	0
33	Failure of Friction Brake Components against Rapid Braking Process: A Review on Potential Challenges and Developments. Transportation Research Procedia, 2021, 55, 653-660.	1.5	4
34	Effects of mechanical vibration on designed steel-based plate geometries: behavioral estimation subjected to applied material classes using finite-element method. Curved and Layered Structures, 2021, 8, 225-240.	1.3	7
35	Effect of geometrical variations on the structural performance of shipping container panels: A parametric study towards a new alternative design. Curved and Layered Structures, 2021, 8, 271-306.	1.3	4
36	Mechanical behavior of thin-walled steel under hard contact with rigid seabed rock: Theoretical contact approach and nonlinear FE calculation. Journal of the Mechanical Behavior of Materials, 2021, 30, 156-170.	1.8	4

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37	Structural Resistance of Simplified Side Hull Models Accounting for Stiffener Design and Loading Type. Mathematical Problems in Engineering, 2021, 2021, 1-19.	1.1	7
38	Effect of thermal collector configuration on the photovoltaic heat transfer performance with 3D CFD modeling. Open Engineering, 2021, 11, 1076-1085.	1.6	5
39	Investigation of Sulfur Melter Heating Coil as an Industrial Product: A Study Case on Technical Design and Structural Inspection. Procedia Structural Integrity, 2021, 33, 43-50.	0.8	0
40	Design and Analysis of Mesh Size Subjected to Wheel Rim Convergence Using Finite Element Method. Procedia Structural Integrity, 2021, 33, 51-58.	0.8	7
41	Recent Progress in Hybrid Aluminum Composite: Manufacturing and Application. Metals, 2021, 11, 1919.	2.3	23
42	Oxidative Degradation of Hazardous Benzene Derivatives by Ferrate(VI): Effect of Initial pH, Molar Ratio and Temperature. Toxics, 2021, 9, 327.	3.7	2
43	Deformation of designed steel plates: An optimisation of the side hull structure using the finite element approach. Open Engineering, 2021, 11, 1034-1047.	1.6	6
44	Estimating the potential of wind energy resources using Weibull parameters: A case study of the coastline region of Dar es Salaam, Tanzania. Open Engineering, 2021, 11, 1093-1104.	1.6	8
45	Failure analysis of motorcycle shock breakers. Open Engineering, 2021, 11, 1150-1159.	1.6	0
46	Structural Assessment of Ladder Frame Chassis using FE Analysis: A Designed Construction referring to Ford AC Cobra. Procedia Structural Integrity, 2021, 33, 35-42.	0.8	5
47	Validation and Verification of Fatigue Assessment using FE Analysis: A Study Case on the Notched Cantilever Beam. Procedia Structural Integrity, 2021, 33, 11-18.	0.8	10
48	Structural Assessment of Monocoque Frame Construction using Finite Element Analysis: A Study Case on a Designed Vehicle Chassis referring to Ford GT40. Procedia Structural Integrity, 2021, 33, 27-34.	0.8	3
49	Assessment of Designed Midship Section Structures subjected to the Hydrostatic and Hydrodynamic Loads: A Convergence Study. Procedia Structural Integrity, 2021, 33, 67-74.	0.8	1
50	Analysis of plated-hull structure strength against hydrostatic and hydrodynamic loads: A case study of 600 TEU container ships. Journal of the Mechanical Behavior of Materials, 2021, 30, 237-248.	1.8	6
51	Recent Development in Aluminum Matrix Composite Forging: Effect on the Mechanical and Physical Properties. Procedia Structural Integrity, 2021, 33, 3-10.	0.8	4
52	Fatigue Analysis of Engineering Structures: State of Development and Achievement. Procedia Structural Integrity, 2021, 33, 19-26.	0.8	6
53	Assessment on the Designed Structural Frame of the Automatic Thickness Checking Machine â€“ Numerical Validation in FE method. Procedia Structural Integrity, 2021, 33, 59-66.	0.8	4
54	Hydrodynamic and Structural Investigations of Catamaran Design. Procedia Structural Integrity, 2020, 27, 93-100.	0.8	7

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55	Land and Marine-based Structures subjected to Explosion Loading: A review on Critical Transportation and Infrastructure. Procedia Structural Integrity, 2020, 27, 77-84.	0.8	15
56	Structural Assessment of an Energy-Efficient Urban Vehicle Chassis using Finite Element Analysis â€“ A Case Study. Procedia Structural Integrity, 2020, 27, 69-76.	0.8	8
57	Improvement of Auto Checking Hardness Machine using Several Material Series of Aluminum Structural Frame: Case Study on Mitutoyo HR-522 Hardness Tester. Procedia Structural Integrity, 2020, 27, 117-124.	0.8	3
58	Assessment of turbine stages and blade numbers on modified 3D Savonius hydrokinetic turbine performance using CFD analysis. Multidiscipline Modeling in Materials and Structures, 2020, 17, 253-272.	1.3	17
59	Energy Dissipation of Ship Structures subjected to Impact Loading: A Study Case in Side Collision. Procedia Structural Integrity, 2020, 27, 171-178.	0.8	1
60	Crashworthiness Analysis of Attenuator Structure based on Recycled Waste Can subjected to Impact Loading: Part II â€“ Geometrical Failure. Procedia Structural Integrity, 2020, 27, 132-139.	0.8	1
61	Finite Element Analysis (FEA) on Autonomous Unmanned Surface Vehicle Feeder Boat subjected to Static Loads. Procedia Structural Integrity, 2020, 27, 163-170.	0.8	6
62	Effect of alkali treatment of Salacca Zalacca fiber (SZF) on mechanical properties of HDPE composite reinforced with SZF. AEJ - Alexandria Engineering Journal, 2020, 59, 3981-3989.	6.4	24
63	Investigation on Savonius turbine technology as harvesting instrument of non-fossil energy: Technical development and potential implementation. Theoretical and Applied Mechanics Letters, 2020, 10, 262-269.	2.8	17
64	Cavitation Prediction of Ship Propeller Based on Temperature and Fluid Properties of Water. Journal of Marine Science and Engineering, 2020, 8, 465.	2.6	18
65	Application of Multiple Unipolar Axial Eddy Current Brakes for Lightweight Electric Vehicle Braking. Applied Sciences (Switzerland), 2020, 10, 4659.	2.5	14
66	Experimental investigation on mechanical characteristics of composite reinforced cantala fiber (CF) subjected to microcrystalline cellulose and fumigation treatments. Composites Communications, 2020, 21, 100419.	6.3	17
67	Crashworthiness characteristic of longitudinal deck structures against identified accidental action in marine environment: a study case of shipâ€“bow collision. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	5
68	Effect of Welding Parameter on the Corrosion Rate of Underwater Wet Welded SS400 Low Carbon Steel. Applied Sciences (Switzerland), 2020, 10, 5843.	2.5	5
69	Editorial: Integrity of Mechanical Structure and Material. Procedia Structural Integrity, 2020, 27, 1-5.	0.8	0
70	Numerical Investigation Against Laboratory Experiment: An Overview of Damage and Wind Loads on Structural Design. Procedia Structural Integrity, 2020, 27, 6-13.	0.8	2
71	Fracture and Damage to the Material accounting for Transportation Crash and Accident. Procedia Structural Integrity, 2020, 27, 38-45.	0.8	11
72	Finite Element Based Analysis of Steering Construction System of ORCA Class Fisheries Inspection Ship. Procedia Structural Integrity, 2020, 27, 46-53.	0.8	5

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73	Finite Element Analysis of Different Artificial Hip Stem Designs Based on Fenestration under Static Loading. Procedia Structural Integrity, 2020, 27, 101-108.	0.8	6
74	Achievements in Observation and Prediction of Cavitation: Effect and Damage on the Ship Propellers. Procedia Structural Integrity, 2020, 27, 109-116.	0.8	7
75	Investigation of Optimum Ply Angle using Finite Element (FE) Approach: References for Technical Application on the Composite Navigational Buoys. Procedia Structural Integrity, 2020, 27, 140-146.	0.8	1
76	Analytical Review of Material Criteria as Supporting Factors in Horizontal Axis Wind Turbines: Effect to Structural Responses. Procedia Structural Integrity, 2020, 27, 155-162.	0.8	8
77	Crashworthiness Analysis of Attenuator Structure based on Recycled Waste Can subjected to Impact Loading: Part I â€“ Absorption Performance. Procedia Structural Integrity, 2020, 27, 125-131.	0.8	1
78	The Effect of Heat Sink Properties on Solar Cell Cooling Systems. Applied Sciences (Switzerland), 2020, 10, 7919.	2.5	25
79	Effect of environment on the defects of welded aluminum AA 1100. AIP Conference Proceedings, 2020, , .	0.4	1
80	Micromechanical analysis on tensile properties prediction of discontinuous randomized zalacca fibre/high-density polyethylene composites under critical fibre length. Theoretical and Applied Mechanics Letters, 2020, 10, 57-65.	2.8	11
81	Crashworthiness assessment of thin-walled double bottom tanker: Influences of seabed to structural damage and damage-energy formulae for grounding damage calculations. Journal of Ocean Engineering and Science, 2020, 5, 387-400.	4.3	25
82	Experimental study of quenching agents on Al6061â€“Al2O3 composite: Effects of quenching treatment to microstructure and hardness characteristics. Results in Engineering, 2020, 6, 100105.	5.1	10
83	Performance Assessment of Water Turbine Subjected to Geometrical Alteration of Savonius Rotor. Lecture Notes in Mechanical Engineering, 2020, , 351-365.	0.4	4
84	Investigation of Agave cantala-based composite fibers as prosthetic socket materials accounting for a variety of alkali and microcrystalline cellulose treatments. Theoretical and Applied Mechanics Letters, 2020, 10, 405-411.	2.8	21
85	Fire Phenomenon of Natural Gas Leak Accidents on the LNG-Fueled Ship Using Computational Fluid Dynamic. , 2020, , .		3
86	Investigation of structural performance subjected to impact loading using finite element approach: case of ship-container collision. Curved and Layered Structures, 2020, 7, 17-28.	1.3	25
87	Tensile analysis and assessment of carbon and alloy steels using FE approach as an idealization of material fractures under collision and grounding. Curved and Layered Structures, 2020, 7, 188-198.	1.3	28
88	The effect of multi-stage modification on the performance of Savonius water turbines under the horizontal axis condition. Open Engineering, 2020, 10, 793-803.	1.6	8
89	Investigation of Meshing Strategy on Mechanical Behaviour of Hip Stem Implant Design Using FEA. Open Engineering, 2020, 10, 769-775.	1.6	7
90	Performance Investigation of the Savonius Horizontal Water Turbine Accounting for Stage Rotor Design. International Journal of Mechanical Engineering and Robotics Research, 2020, , 184-189.	1.0	13

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91	TECHNICAL INVESTIGATION OF SEA SAND REINFORCEMENT FOR NOVEL AL6061- SEA SAND COMPOSITES: IDENTIFICATION OF PERFORMANCE AND MECHANICAL PROPERTIES. Periodico Tche Quimica, 2020, 17, 47-57.	0.1	4
92	University Studentâ€™s Knowledge Toward Energy Conservation and the Implementation on Their Design Project. Lecture Notes in Mechanical Engineering, 2020, , 329-339.	0.4	0
93	Gas Dispersion Analysis on the Open Deck Fuel Storage Configuration of the LNG-Fueled Ship. Lecture Notes in Mechanical Engineering, 2020, , 109-118.	0.4	4
94	Energy Saving Investigation on Undesignated Campus Mosques. Lecture Notes in Mechanical Engineering, 2020, , 317-328.	0.4	1
95	Comparing Structural Casualties of the Ro-Ro Vessel Using Straight and Oblique Collision Incidents on the Car Deck. Journal of Marine Science and Engineering, 2019, 7, 183.	2.6	17
96	Nonlinear dynamic behaviors of outer shell and upper deck structures subjected to impact loading in maritime environment. Curved and Layered Structures, 2019, 6, 146-160.	1.3	14
97	Simulation of the Behavior of a Ship Hull under Grounding: Effect of Applied Element Size on Structural Crashworthiness. Journal of Marine Science and Engineering, 2019, 7, 270.	2.6	21
98	Environmental risk of maritime territory subjected to accidental phenomena: Correlation of oil spill and ship grounding in the Exxon Valdez's case. Results in Engineering, 2019, 4, 100035.	5.1	47
99	Investigation on structural component behaviours of double bottom arrangement under grounding accidents. Theoretical and Applied Mechanics Letters, 2019, 9, 50-59.	2.8	20
100	Crashworthiness performance of stiffened bottom tank structure subjected to impact loading conditions: Ship-rock interaction. Curved and Layered Structures, 2019, 6, 245-258.	1.3	7
101	Crashworthiness assessment of thin-walled double bottom tanker: A variety of ship grounding incidents. Theoretical and Applied Mechanics Letters, 2019, 9, 320-327.	2.8	19
102	On the Structural Behaviour to Penetration of Striking Bow under Collision Incidents between Two Ships. International Journal of Automotive and Mechanical Engineering, 2019, 16, 7480-7497.	0.9	4
103	Nonlinear analysis of inter-island RoRo under impact: effects of selected collisionâ€™s parameters on the crashworthy double-side structures. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	20
104	Analysis of structural damage on the struck ship under side collision scenario. AEJ - Alexandria Engineering Journal, 2018, 57, 1761-1771.	6.4	15
105	Evaluating structural crashworthiness and progressive failure of double hull tanker under accidental grounding: bottom raking case. Open Engineering, 2018, 8, 193-204.	1.6	5
106	Investigation of impact phenomena on the marine structures: Part II - Internal energy of the steel structure applied by selected materials in the ship-ship collision incidents. Journal of Physics: Conference Series, 2018, 953, 012002.	0.4	2
107	Finite element analysis for estimating steel structure responses under a variety of marine-collision actions. International Journal of Earthquake and Impact Engineering, 2018, 2, 248.	0.3	0
108	Impact phenomena assessment: Part I â€“ Structural performance of a tanker subjected to ship grounding at the Arctic. MATEC Web of Conferences, 2018, 159, 02061.	0.2	13

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109	Investigation of impact phenomena on the marine structures: Part I - On the behaviour of thin-walled double bottom tanker during rock-structure interaction. Journal of Physics: Conference Series, 2018, 953, 012003.	0.4	4
110	Progressive structural failure of the RoRo side hull during accidental powered-bow collisions. AIP Conference Proceedings, 2018, , .	0.4	2
111	Investigating crashworthy single and double skin structures against accidental ship-to-ship interaction. Curved and Layered Structures, 2018, 5, 180-189.	1.3	5
112	Investigation on the performance of the traditional Indonesian fishing vessel. MATEC Web of Conferences, 2018, 159, 02056.	0.2	4
113	Crashworthiness Assessment of Thin-Walled Bottom Structures During Powered-Hard Grounding Accidents. , 2018, , .		6
114	Crashworthiness assessment of double-hull tanker structures under ship grounding actions. MATEC Web of Conferences, 2018, 195, 04008.	0.2	2
115	Investigasi Dampak Insiden Tubrukan Terhadap Respon Struktur Kapal Penumpang Antar Pulau. Kapal, 2018, 15, 62-67.	0.2	0
116	On the failure behaviour to striking bow penetration of impacted marine-steel structures. Curved and Layered Structures, 2018, 5, 68-79.	1.3	8
117	Characteristic of double bottom responses under powered-hard grounding scenario with idealised rock indenter. International Journal of Structural Engineering, 2018, 9, 130.	0.4	4
118	Impact phenomena assessment: Part II â€“ Buffer container as a measure to reduce cargo leakage in collision. MATEC Web of Conferences, 2018, 159, 02055.	0.2	2
119	Characteristic of double bottom responses under powered-hard grounding scenario with idealised rock indenter. International Journal of Structural Engineering, 2018, 9, 130.	0.4	0
120	Finite element analysis for estimating steel structure responses under a variety of marine-collision actions. International Journal of Earthquake and Impact Engineering, 2018, 2, 248.	0.3	0
121	Sintesis Ferrat sebagai Pendegradasi Senyawa Turunan Benzena. JPSE (Journal of Physical Science and) Tj ETQq1 1 0.784314 rgBT /Over	0.2	3
122	Analysis of structural behavior during collision event accounting for bow and side structure interaction. Theoretical and Applied Mechanics Letters, 2017, 7, 6-12.	2.8	26
123	Effects of the rebounding of a striking ship on structural crashworthiness during ship-ship collision. Thin-Walled Structures, 2017, 115, 225-239.	5.3	51
124	Investigation on the Structural Damage of a Double-Hull Ship, Part I â€“ Ship Collision. Procedia Structural Integrity, 2017, 5, 935-942.	0.8	9
125	Investigation on the Structural Damage of a Double-Hull Ship, Part II â€“ Grounding Impact. Procedia Structural Integrity, 2017, 5, 943-950.	0.8	5
126	Rapid prediction of damage on a struck ship accounting for side impact scenario models. Open Engineering, 2017, 7, 91-99.	1.6	11

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127	Numerical investigation on the performance of ducted propeller. MATEC Web of Conferences, 2017, 138, 07002.	0.2	7
128	Structural Analysis for Estimating Damage Behavior of Double Hull under Ice-Grounding Scenario Models. Key Engineering Materials, 2017, 754, 303-306.	0.4	3
129	Performance assessment on a variety of double side structure during collision interaction with other ship. Curved and Layered Structures, 2017, 4, 255-271.	1.3	10
130	The Effectiveness of Thin-Walled Hull Structures Against Collision Impact. Latin American Journal of Solids and Structures, 2017, 14, 1345-1360.	1.0	19
131	Optimization of thrust propeller design for an ROV (Remotely Operated Vehicle) consideration by Genetic Algorithms. MATEC Web of Conferences, 2017, 138, 07003.	0.2	6
132	Analysis of Structural Crashworthiness and Estimating Safety Limit Accounting for Ship Collisions on Strait Territory. Latin American Journal of Solids and Structures, 2017, 14, 1594-1613.	1.0	18
133	Structural Analysis of the Double Bottom Structure During Ship Grounding by Finite Element Approach. Latin American Journal of Solids and Structures, 2017, 14, 1106-1123.	1.0	11
134	Development in Calculation and Analysis of Collision and Grounding on Marine Structures and Ocean Engineering Fields. Journal of Aquaculture & Marine Biology, 2017, 5, .	0.4	3
135	Numerical Simulation for the Collision Between Side Structure and Level Ice in Event of Side Impact Scenario. Latin American Journal of Solids and Structures, 2016, 13, 2991-3004.	1.0	30
136	Energy behavior on side structure in event of ship collision subjected to external parameters. Heliyon, 2016, 2, e00192.	3.2	21
137	Numerical Analysis for Damage Characteristics Caused by Ice Collision on Side Structure. , 2016, , .		13
138	Study on collision between two ships using selected parameters in collision simulation. Journal of Marine Science and Application, 2016, 15, 63-72.	1.7	38
139	Evaluating the Parameter Influence in the Event of a Ship Collision based on the Finite Element Approach. International Journal of Technology, 2016, 7, 592.	0.8	21
140	Behavior Prediction of Ship Structure due to Side Impact Scenario by Dynamic-Nonlinear Finite Element Analysis. Applied Mechanics and Materials, 0, 862, 253-258.	0.2	2