

Yasser M Ahmed

List of Publications by Year in descending order

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26
papers

887
citations

840776

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610901

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docs citations

26
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Wave energy device and breakwater integration: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 77, 43-58.	16.4	305
2	Operation, performance and economic analysis of low head micro-hydropower turbines for rural and remote areas: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 40-50.	16.4	203
3	Performance study of ducted nozzle Savonius water turbine, comparison with conventional Savonius turbine. <i>Energy</i> , 2017, 134, 566-584.	8.8	103
4	Global renewable energy and its potential in Malaysia: A review of Hydrokinetic turbine technology. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 62, 1270-1281.	16.4	86
5	Hydro Power and Turbine Systems Reviews. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	27
6	Novel approach of bidirectional diffuser-augmented channels system for enhancing hydrokinetic power generation in channels. <i>Renewable Energy</i> , 2015, 83, 809-819.	8.9	18
7	Numerical and experimental investigations on efficient design and performance of hydrokinetic Banki cross flow turbine for rural areas. <i>Ocean Engineering</i> , 2018, 159, 437-456.	4.3	17
8	Performance investigation of self-adjusting blades turbine through experimental study. <i>Energy Conversion and Management</i> , 2019, 181, 178-188.	9.2	16
9	An innovative configuration for new marine current turbine. <i>Renewable Energy</i> , 2018, 120, 413-422.	8.9	15
10	Numerical study for the use of different nozzle shapes in microscale channels for producing clean energy. <i>International Journal of Energy and Environmental Engineering</i> , 2015, 6, 137-146.	2.5	14
11	CFD Simulation of Water Gravitation Vortex Pool Flow for Mini Hydropower Plants. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	13
12	CFD Validation for Efficient Gravitational Vortex Pool System. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	11
13	Effect of hydrodynamic twisting moment on design and selection of flexible composite marine propellers. <i>Ocean Engineering</i> , 2021, 220, 108399.	4.3	10
14	Experimental Investigation of a Wing-in-Ground Effect Craft. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	2.1	9
15	Numerical Study on Hydrodynamic Resistance of New Hull Design for Multipurpose Amphibious Vehicle. <i>Applied Mechanics and Materials</i> , 0, 663, 522-531.	0.2	8
16	Assessment of Ship-Bank Interactions on LNG Tanker in Shallow Water. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	7
17	FSI-based structural optimization of thin bladed composite propellers. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 3755-3766.	6.4	7
18	Hydrodynamic Resistance analysis of New Hull Design for Multipurpose Amphibious Vehicle Applying with Finite Volume Method. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	4

#	ARTICLE	IF	CITATIONS
19	Ship Navigation Effect on Sedimentation in Restricted Waterways. Jurnal Teknologi (Sciences and Engineering), 2014, 66, .	0.4	2
20	Numerical Analysis of Hydrodynamic Propeller Performance of LNG Carrier in Open Water. Jurnal Teknologi (Sciences and Engineering), 2014, 66, .	0.4	2
21	Propeller Effect on 3D Flow at the Stern Hull of a LNG Carrier Using Finite Volume Method. Applied Mechanics and Materials, 2014, 554, 566-570.	0.2	2
22	Resistance analysis of a semi-SWATH design concept in shallow water. Journal of Marine Science and Application, 2017, 16, 182-189.	1.7	2
23	Experimental investigation of an innovative configuration for new marine current turbine. Renewable Energy, 2018, 125, 32-38.	8.9	2
24	Experimental Investigation of a Hydraulic Turbine for Hydrokinetic Power Generation in Irrigation/Rainfall Channels. Journal of Marine Science and Application, 2021, 20, 144-155.	1.7	2
25	Failure analysis of tapered composite propeller blade. Ocean Engineering, 2021, 236, 109506.	4.3	1
26	Pure Heaving and Pure Pitching Motion of an Underwater Glider. Advanced Science Letters, 2017, 23, 1388-1392.	0.2	0